



2024



OUTDOOR

*Aplik*

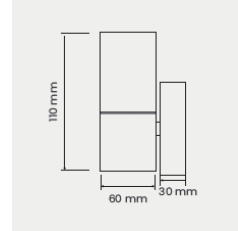


*Sconce*



## ÜRÜN ÖZELLİKLERİ/PRODUCT SPECIFICATIONS

<b>Ürün Tanımı</b>	Duvar Aplığı	<b>Product Description</b>	Wall Mounted Luminaire
<b>Gövde</b>	Alüminyum Enjeksiyon	<b>Body</b>	Die-Cast Aluminum
	Paslanmaz Çelik Civatalar, Silikon Conta		Stainless Steel Screws, Silicone Rubber Gaskets
<b>Diffüzör</b>	Temperli Cam	<b>Diffuser</b>	Tempered Glass
<b>SDCM (MacAdam)</b>	3	<b>SDCM (MacAdam)</b>	3
<b>Renk Sıcaklığı</b>	2700K/3000K/4000K	<b>Colour Temperature</b>	2700K/3000K/4000K
<b>Ömür</b>	50000h	<b>Life Time</b>	50000h
<b>Çalışma Sıcaklığı</b>	-25°C/+50°C	<b>Operating Temperature</b>	-25°C/+50°C
<b>LED</b>	Nichia	<b>LED</b>	Nichia
<b>Uygunluk</b>	EN60598-1:2009-04	<b>Conformity</b>	EN60598-1:2009-04



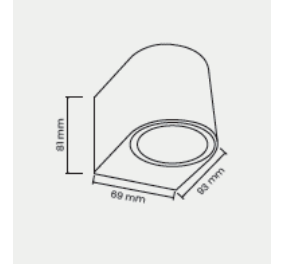
Ürün Kodu Product Code	Güç Power	Çıkış Işık Akısı Lumen Output	Verimlilik Efficiency	Işık Açısı Beam Angle	Işık Kaynağı Light Source	CRI	Ø (mm)	H (mm)
50112	5W	350Lm	70Lm/W	-	GU10	+80	60	110





## ÜRÜN ÖZELLİKLERİ/PRODUCT SPECIFICATIONS

<b>Ürün Tanımı</b>	Duvar Aplığı	<b>Product Descripton</b>	Wall Mounted Luminaire
<b>Gövde</b>	Alüminyum Enjeksiyon Paslanmaz Çelik Civatalar,Silikon Conta	<b>Body</b>	Die-Cast Aluminum Stainless Steel Screws,Silicone Rubber Gaskets
<b>Difüzör</b>	Temperli Cam	<b>Diffuser</b>	Tempered Glass
<b>SDCM (MacAdam)</b>	3	<b>SDCM (MacAdam)</b>	3
<b>Renk Sıcaklığı</b>	2700K/3000K/4000K	<b>Colour Temperature</b>	2700K/3000K/4000K
<b>Ömür</b>	50000h	<b>Life Time</b>	50000h
<b>Çalışma Sıcaklığı</b>	-25°C/+50°C	<b>Operating Temperature</b>	-25°C/+50°C
<b>LED</b>	Nichia	<b>LED</b>	Nichia
<b>Uygunluk</b>	EN60598-1:2009-04	<b>Conformity</b>	EN60598-1:2009-04



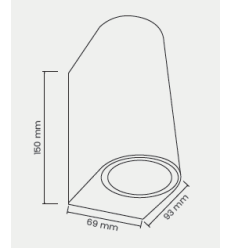
Ürün Kodu Product Code	Güç Power	Çıkış Işık Akısı Lumen Output	Verimlilik Efficiency	Işık Açısı Beam Angle	Işık Kaynağı Light Source	CRI	L (mm)	W (mm)	H (mm)
50113	5W	350lm	70lm/W	-	GU10	+80	69	93	81





## ÜRÜN ÖZELLİKLERİ/PRODUCT SPECIFICATIONS

Ürün Tanımı	Duvar Aplığı	Product Descripton	Wall Mounted Luminaire
Gövde	Alüminyum Enjeksiyon Paslanmaz Çelik Civatalar,Silikon Conta	Body	Die-Cast Aluminum Stainless Steel Screws,Silicone Rubber Gaskets
Difüzör	Temperli Cam	Diffuser	Tempered Glass
SDCM (MacAdam)	3	SDCM (MacAdam)	3
Renk Sıcaklığı	2700K/3000K/4000K	Colour Temperature	2700K/3000K/4000K
Ömür	50000h	Life Time	50000h
Çalışma Sıcaklığı	-25°C/+50°C	Operating Temperature	-25°C/+50°C
LED	Nichia	LED	Nichia
Uygunluk	EN60598-1:2009-04	Conformity	EN60598-1:2009-04



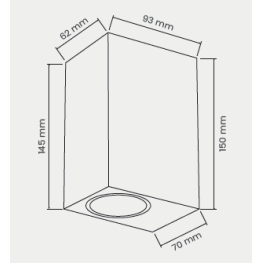
Ürün Kodu Product Code	Güç Power	Çıkış Işık Akısı Lumen Output	Verimlilik Efficiency	Işık Açısı Beam Angle	Işık Kaynağı Light Source	CRI	L (mm)	W (mm)	H (mm)
50114	2X5W	2X350Lm	2X70Lm/W	-	2XGU10	+80	69	93	150





## ÜRÜN ÖZELLİKLERİ/PRODUCT SPECIFICATIONS

<b>Ürün Tanımı</b>	Duvar Aplığı	<b>Product Descripton</b>	Wall Mounted Luminaire
<b>Gövde</b>	Alüminyum Enjeksiyon Paslanmaz Çelik Civatalar,Silikon Conta	<b>Body</b>	Die-Cast Aluminum Stainless Steel Screws,Silicone Rubber Gaskets
<b>Difüzör</b>	Temperli Cam	<b>Diffuser</b>	Tempered Glass
<b>SDCM (MacAdam)</b>	3	<b>SDCM (MacAdam)</b>	3
<b>Renk Sıcaklığı</b>	2700K/3000K/4000K	<b>Colour Temperature</b>	2700K/3000K/4000K
<b>Ömür</b>	50000h	<b>Life Time</b>	50000h
<b>Çalışma Sıcaklığı</b>	-25°C/+50°C	<b>Operating Temperature</b>	-25°C/+50°C
<b>LED</b>	Nichia	<b>LED</b>	Nichia
<b>Uygunluk</b>	EN60598-1:2009-04	<b>Conformity</b>	EN60598-1:2009-04



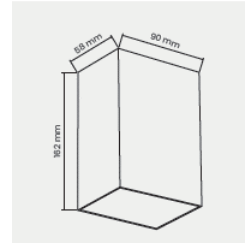
Ürün Kodu Product Code	Güç Power	Çıkış Işık Akısı Lumen Output	Verimlilik Efficiency	Işık Açısı Beam Angle	Işık Kaynağı Light Source	CRI	L (mm)	W (mm)	H (mm)
50115	2X7W	930lm	66lm/W	-	LED	+80	70	93	150





## ÜRÜN ÖZELLİKLERİ/PRODUCT SPECIFICATIONS

<b>Ürün Tanımı</b>	Duvar Aplığı	<b>Product Descripton</b>	Wall Mounted Luminaire
<b>Gövde</b>	Alüminyum Enjeksiyon Paslanmaz Çelik Civatalar,Silikon Conta	<b>Body</b>	Die-Cast Aluminum Stainless Steel Screws,Silicone Rubber Gaskets
<b>Difüzör</b>	Temperli Cam	<b>Diffuser</b>	Tempered Glass
<b>SDCM (MacAdam)</b>	3	<b>SDCM (MacAdam)</b>	3
<b>Renk Sıcaklığı</b>	2700K/3000K/4000K	<b>Colour Temperature</b>	2700K/3000K/4000K
<b>Ömür</b>	50000h	<b>Life Time</b>	50000h
<b>Çalışma Sıcaklığı</b>	-25°C/+50°C	<b>Operating Temperature</b>	-25°C/+50°C
<b>LED</b>	Nichia	<b>LED</b>	Nichia
<b>Uygunluk</b>	EN60598-1:2009-04	<b>Conformity</b>	EN60598-1:2009-04



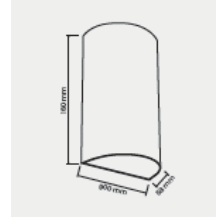
Ürün Kodu Product Code	Güç Power	Çıkış Işık Akısı Lumen Output	Verimlilik Efficiency	Işık Açısı Beam Angle	Işık Kaynağı Light Source	CRI	L (mm)	W (mm)	H (mm)
50116	2X4W	150Lm	Lm/W	-	LED	+80	90	58	162





## ÜRÜN ÖZELLİKLERİ/PRODUCT SPECIFICATIONS

Ürün Tanımı	Duvar Aplığı	Product Descripton	Wall Mounted Luminaire
Gövde	Alüminyum Enjeksiyon Paslanmaz Çelik Civatalar,Silikon Conta	Body	Die-Cast Aluminum Stainless Steel Screws,Silicone Rubber Gaskets
Difüzör	Temperli Cam	Diffuser	Tempered Glass
SDCM (MacAdam)	3	SDCM (MacAdam)	3
Renk Sıcaklığı	2700K/3000K/4000K	Colour Temperature	2700K/3000K/4000K
Ömür	50000h	Life Time	50000h
Çalışma Sıcaklığı	-25°C/+50°C	Operating Temperature	-25°C/+50°C
LED	Nichia	LED	Nichia
Uygunluk	EN60598-1:2009-04	Conformity	EN60598-1:2009-04



Ürün Kodu Product Code	Güç Power	Çıkış Işık Akısı Lumen Output	Verimlilik Efficiency	Işık Açısı Beam Angle	Işık Kaynağı Light Source	CRI	L (mm)	W (mm)	H (mm)
50117	2X4W	150Lm	Lm/W	-	LED	+80	900	58	160

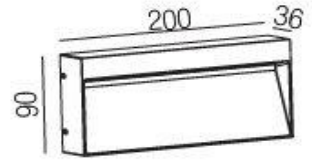




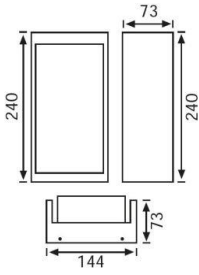


## ÜRÜN ÖZELLİKLERİ/PRODUCT SPECIFICATIONS

<b>Ürün Tanımı</b>	Aplik	<b>Product Descripton</b>	Wall Mounted Luminaire
<b>Gövde</b>	Alüminyum Enjeksiyon Elektrostatik Toz Boya	<b>Body</b>	Die-Cast Aluminum Elektrostatic Powder Coating
<b>Difüzör</b>		<b>Diffuser</b>	
<b>SDCM (MacAdam)</b>	3	<b>SDCM (MacAdam)</b>	
<b>Renk Sıcaklığı</b>	3000K	<b>Colour Temperature</b>	3000K
<b>Ömür</b>	50000h	<b>Life Time</b>	50000h
<b>Çalışma Sıcaklığı</b>	-25°C/+50°C	<b>Operating Temperature</b>	-25°C/+50°C
<b>LED</b>	Cree	<b>LED</b>	Cree
<b>Uygunluk</b>	EN60598-1:2009-04	<b>Conformity</b>	EN60598-1:2009-04



Ürün Kodu Product Code	Güç Power	Çıkış Işık Akısı Lumen Output	Verimlilik Efficiency	Işık Açısı Beam Angle	Işık Kaynağı Light Source	CRI	A (mm)	B (mm)	C (mm)
50092	6W	140Lm	25Lm/W	-	LED	+80	200	90	36

**ÜRÜN ÖZELLİKLERİ/PRODUCT SPECIFICATIONS**

Ürün Tanımı	Aplik	Product Descripton	Wall Mounted Luminaire
Gövde	Alüminyum Enjeksiyon	Body	Die-Cast Aluminum
Diffüzör	Opal Polikarbonat	Diffuser	Opal Polycarbonate
SDCM (MacAdam)		SDCM (MacAdam)	
Renk Sıcaklığı	2700K/3000K	Colour Temperature	2700K/3000K
Ömür		Life Time	
Çalışma Sıcaklığı	-25°C/+50°C	Operating Temperature	-25°C/+50°C
LED	E27	LED	E27
Uygunluk	EN60598-1:2009-04	Conformity	EN60598-1:2009-04

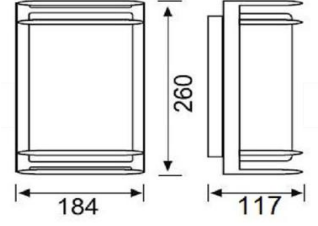
Ürün Kodu Product Code	Güç Power	Çıkış Işık Akısı Lumen Output	Verimlilik Efficiency	Işık Açısı Beam Angle	Işık Kaynağı Light Source	CRI	A (mm)	B (mm)	C (mm)
50002	9W	806Lm	86Lm/W	-	E27	+80	240	144	73





## ÜRÜN ÖZELLİKLERİ/PRODUCT SPECIFICATIONS

Ürün Tanımı	Aplik	Product Descripton	Wall Mounted Luminaire
Gövde	Alüminyum Enjeksiyon	Body	Die-Cast Aluminum
Difüzör	Opal Polikarbonat	Diffuser	Opal Polycarbonate
SDCM (MacAdam)		SDCM (MacAdam)	
Renk Sıcaklığı	2700K/3000K	Colour Temperature	2700K/3000K
Ömür		Life Time	
Çalışma Sıcaklığı	-25°C/+50°C	Operating Temperature	-25°C/+50°C
LED	E27	LED	E27
Uygunluk	EN60598-1:2009-04	Conformity	EN60598-1:2009-04

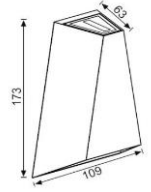


Ürün Kodu Product Code	Güç Power	Çıkış Işık Akısı Lumen Output	Verimlilik Efficiency	Işık Açısı Beam Angle	Işık Kaynağı Light Source	CRI	A (mm)	B (mm)	C (mm)
50007	9W	806Lm	86Lm/W	-	E27	+80	260	184	117

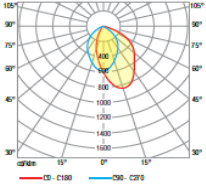
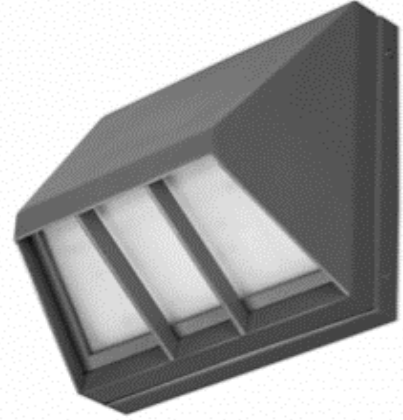


## ÜRÜN ÖZELLİKLERİ/PRODUCT SPECIFICATIONS

<b>Ürün Tanımı</b>	Duvar Aplığı	<b>Product Descripton</b>	Wall Mounted Luminaire
<b>Gövde</b>	Alüminyum Enjeksiyon Paslanmaz Çelik Civatalar,Silikon Conta	<b>Body</b>	Die-Cast Aluminum Stainless Steel Screws,Silicone Rubber Gaskets
<b>Diffüzör</b>		<b>Diffuser</b>	
<b>SDCM (MacAdam)</b>	3	<b>SDCM (MacAdam)</b>	3
<b>Renk Sıcaklığı</b>	2700K/3000K/4000K	<b>Colour Temperature</b>	2700K/3000K/4000K
<b>Ömür</b>	50000h	<b>Life Time</b>	50000h
<b>Çalışma Sıcaklığı</b>	-25°C/+50°C	<b>Operating Temperature</b>	-25°C/+50°C
<b>LED</b>	Nichia-Cree	<b>LED</b>	Nichia-Cree
<b>Driver</b>	Tridonic-Mean Well-Inventronics	<b>Conformity</b>	Tridonic-Mean Well-Inventronics
<b>Uygunluk</b>	EN60598-1:2009-04	<b>Conformity</b>	EN60598-1:2009-04

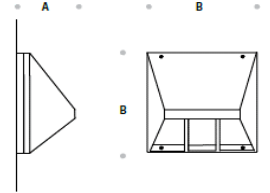


Ürün Kodu Product Code	Güç Power	Çıkış Işık Akısı Lumen Output	Verimlilik Efficiency	Işık Açısı Beam Angle	Işık Kaynağı Light Source	CRI	L (mm)	W (mm)	H (mm)
50018	2x3w	300Lm	120Lm/W	-	LED	+80	173	109	63



## ÜRÜN ÖZELLİKLERİ/PRODUCT SPECIFICATIONS

Ürün Tanımı	Duvar Aplığı	Product Descripton	Wall Mounted Luminaire
Gövde	Alüminyum Enjeksiyon Paslanmaz Çelik Civatalar,Silikon Conta Korozyona Dayanıklı Toz Boya	Body	Die-Cast Aluminum Stainless Steel Screws,Silicone Rubber Gaskets Corrosion Resistant Powder Coated Paint
Diffüzör	Termal Şoka Dayanıklı Temperli Cam.	Diffuser	Thermal-Shock Resistant Tempered Glass.
SDCM (MacAdam)	3	SDCM (MacAdam)	3
Renk Sıcaklığı	2700K/6500K	Colour Temperature	2700K/6500K
Ömür	50000h	Life Time	50000h
Çalışma Sıcaklığı	-25°C/+50°C	Operating Temperature	-25°C/+50°C
LED	Nichia-Cree	LED	Nichia-Cree
Driver	Tridonic-Mean Well-Inventronics	Conformity	Tridonic-Mean Well-Inventronics
Uygunluk	EN60598-1:2009-04	Conformity	EN60598-1:2009-04



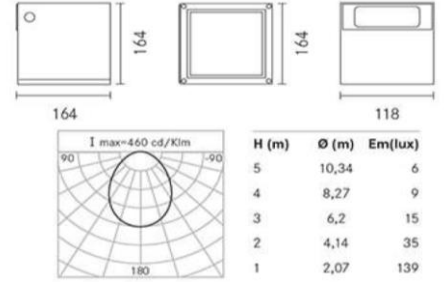
Ürün Kodu Product Code	Güç Power	Çıkış Işık Akısı Lumen Output	Verimlilik Efficiency	Işık Açısı Beam Angle	Işık Kaynağı Light Source	CRI	A (mm)	B (mm)
50093	12W	1020Lm	85Lm/W	-	LED	+80	120	220





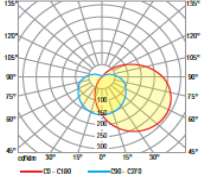
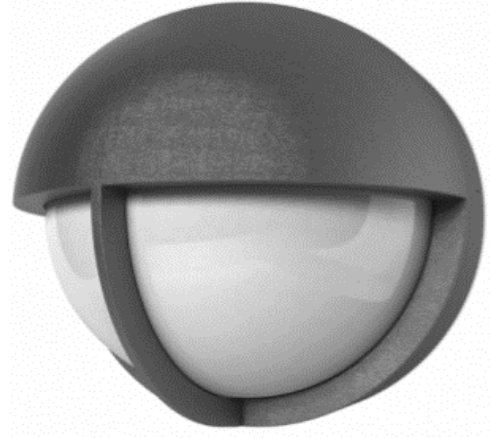
## ÜRÜN ÖZELLİKLERİ/PRODUCT SPECIFICATIONS

Ürün Tanımı	Duvar Aplığı	Product Descripton	Wall Mounted Luminaire
<b>Gövde</b>	Alüminyum Enjeksiyon Paslanmaz Çelik Civatalar,Silikon Conta	<b>Body</b>	Die-Cast Aluminum Stainless Steel Screws,Silicone Rubber Gaskets
<b>Difüzör</b>	Akrilik-Ledil Lens	<b>Diffuser</b>	Acrylic-Ledil Lens
<b>SDCM (MacAdam)</b>	3	<b>SDCM (MacAdam)</b>	3
<b>Renk Sıcaklığı</b>	2700K/3000K/4000K	<b>Colour Temperature</b>	2700K/3000K/4000K
<b>Ömür</b>	50000h	<b>Life Time</b>	50000h
<b>Çalışma Sıcaklığı</b>	-25°C/+50°C	<b>Operating Temperature</b>	-25°C/+50°C
<b>LED</b>	Nichia-Cree	<b>LED</b>	Nichia-Cree
<b>Driver</b>	Tridonic-Mean Well-Inventronics	<b>Conformity</b>	Tridonic-Mean Well-Inventronics
<b>Uygunluk</b>	EN60598-1:2009-04	<b>Conformity</b>	EN60598-1:2009-04



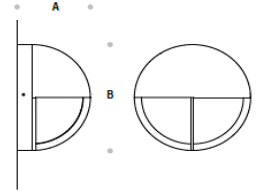
Ürün Kodu Product Code	Güç Power	Çıkış Işık Akısı Lumen Output	Verimlilik Efficiency	Işık Açısı Beam Angle	Işık Kaynağı Light Source	CRI	L (mm)	W (mm)	H (mm)
50084	6w	720	120Lm/W	-	LED	+80	164	118	164
50085	9w	1080	120Lm/W	-	LED	+80	164	118	164
50086	12w	1440	120Lm/W	-	LED	+80	164	118	164
50087	14w	1680	120Lm/W	-	LED	+80	164	118	164
50088	16w	1920	120Lm/W	-	LED	+80	164	118	164





## ÜRÜN ÖZELLİKLERİ/PRODUCT SPECIFICATIONS

<b>Ürün Tanımı</b>	Duvar Aplığı	<b>Product Description</b>	Wall Mounted Luminaire
<b>Gövde</b>	Alüminyum Enjeksiyon Paslanmaz Çelik Civatalar,Silikon Conta Korozyona Dayanıklı Toz Boya	<b>Body</b>	Die-Cast Aluminum Stainless Steel Screws,Silicone Rubber Gaskets Corrosion Resistant Powder Coated Paint
<b>Diffüzör</b>	Yüksek Darbe ve Isıya Dayanıklı Polikarbonat	<b>Diffuser</b>	High Impact and Heat Resistant Polycarbonate
<b>SDCM (MacAdam)</b>	3	<b>SDCM (MacAdam)</b>	3
<b>Renk Sıcaklığı</b>	2700K/6500K	<b>Colour Temperature</b>	2700K/6500K
<b>Ömür</b>	50000h	<b>Life Time</b>	50000h
<b>Çalışma Sıcaklığı</b>	-25°C/+50°C	<b>Operating Temperature</b>	-25°C/+50°C
<b>LED</b>	Nichia-Cree	<b>LED</b>	Nichia-Cree
<b>Driver</b>	Tridonic-Mean Well-Inventronics	<b>Conformity</b>	Tridonic-Mean Well-Inventronics
<b>Uygunluk</b>	EN60598-1:2009-04	<b>Conformity</b>	EN60598-1:2009-04



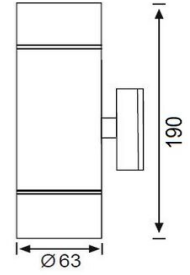
Ürün Kodu Product Code	Güç Power	Çıkış Işık Akısı Lumen Output	Verimlilik Efficiency	Işık Açısı Beam Angle	Işık Kaynağı Light Source	CRI	A (mm)	B (mm)
50094	10W	750Lm	75Lm/W	-	LED	+80	165	290





## ÜRÜN ÖZELLİKLERİ/PRODUCT SPECIFICATIONS

Ürün Tanımı	Duvar Aplığı	Product Descripton	Wall Mounted Luminaire
Gövde	Alüminyum Enjeksiyon Paslanmaz Çelik Civatalar,Silikon Conta	Body	Die-Cast Aluminum Stainless Steel Screws,Silicone Rubber Gaskets
Diffüzör	PMMA	Diffuser	PMMA
SDCM (MacAdam)	3	SDCM (MacAdam)	3
Renk Sıcaklığı	3000K	Colour Temperature	3000K
Ömür		Life Time	
Çalışma Sıcaklığı	-25°C/+50°C	Operating Temperature	-25°C/+50°C
LED		LED	
Uygunluk	EN60598-1:2009-04	Conformity	EN60598-1:2009-04



Ürün Kodu Product Code	Güç Power	Çıkış Işık Akısı Lumen Output	Verimlilik Efficiency	Işık Açısı Beam Angle	Işık Kaynağı Light Source	CRI	L (mm)	Ø (mm)
50004	2X5W	2X350Lm	2X89Lm/W	-	GU10	+80	190	63







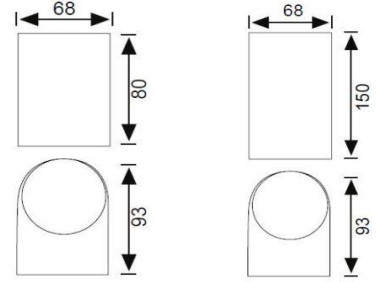
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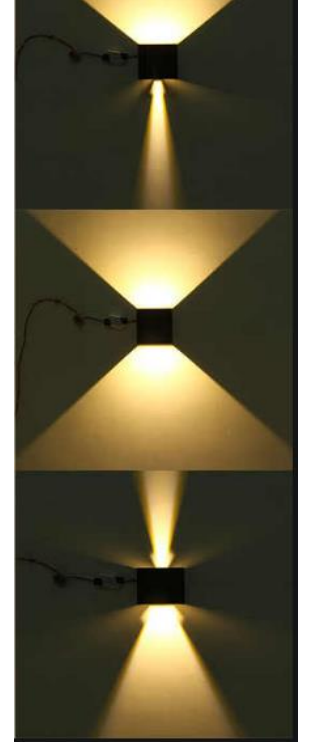
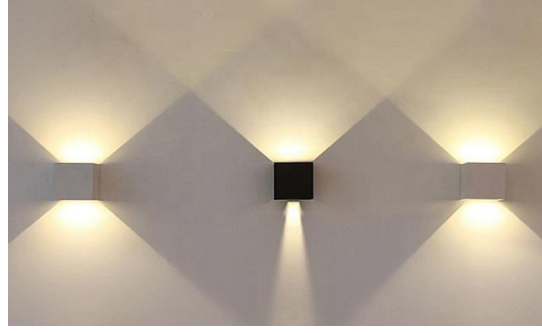
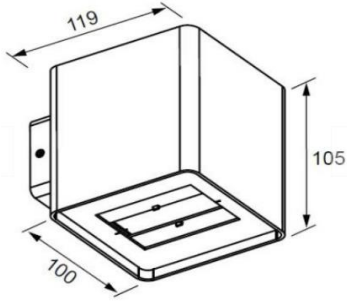
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## ÜRÜN ÖZELLİKLERİ/PRODUCT SPECIFICATIONS

Ürün Tanımı	Duvar Aplığı	Product Descripton	Wall Mounted Luminaire
Gövde	Alüminyum Enjeksiyon Paslanmaz Çelik Civatalar,Silikon Conta	Body	Die-Cast Aluminum Stainless Steel Screws,Silicone Rubber Gaskets
Diffüzör	PMMA	Diffuser	PMMA
SDCM (MacAdam)	3	SDCM (MacAdam)	3
Renk Sıcaklığı	3000K	Colour Temperature	3000K
Ömür		Life Time	
Çalışma Sıcaklığı	-25°C/+50°C	Operating Temperature	-25°C/+50°C
LED		LED	
Uygunluk	EN60598-1:2009-04	Conformity	EN60598-1:2009-04



Ürün Kodu Product Code	Güç Power	Çıkış Işık Akısı Lumen Output	Verimlilik Efficiency	Işık Açısı Beam Angle	Işık Kaynağı Light Source	CRI	L (mm)	W (mm)	H (mm)
50010	5W	350Lm	89Lm/W	-	GU10	+80	80	93	68
50011	2X5W	2X350Lm	89Lm/W	-	2XGU10	+81	150	93	68

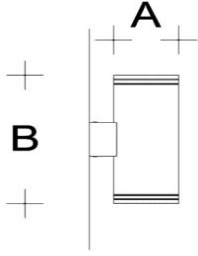


## ÜRÜN ÖZELLİKLERİ/PRODUCT SPECIFICATIONS

Ürün Tanımı	Duvar Aplığı	Product Descripton	Wall Mounted Luminaire
Gövde	Alüminyum Enjeksiyon Paslanmaz Çelik Civatalar,Silikon Conta	Body	Die-Cast Aluminum Stainless Steel Screws,Silicone Rubber Gaskets
Difüzör	PMMA	Diffuser	PMMA
SDCM (MacAdam)	3	SDCM (MacAdam)	3
Renk Sıcaklığı	3000K	Colour Temperature	3000K
Ömür		Life Time	
Çalışma Sıcaklığı	-25°C/+50°C	Operating Temperature	-25°C/+50°C
LED		LED	
Uygunluk	EN60598-1:2009-04	Conformity	EN60598-1:2009-04

Ürün Kodu Product Code	Güç Power	Çıkış Işık Akısı Lumen Output	Verimlilik Efficiency	Işık Açısı Beam Angle	Işık Kaynağı Light Source	CRI	L (mm)	W (mm)	H (mm)
50030	2X5W	880lm	89lm/W	-	LED	+80	119	100	105

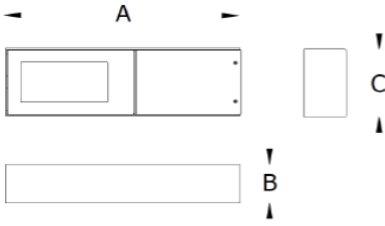




## ÜRÜN ÖZELLİKLERİ/PRODUCT SPECIFICATIONS

Ürün Tanımı	Duvar Aplığı	Product Descripton	Wall Mounted Luminaire
Gövde	Alüminyum Enjeksiyon Paslanmaz Çelik Civatalar,Silikon Conta	Body	Die-Cast Aluminum Stainless Steel Screws,Silicone Rubber Gaskets
Diffüzör	Temperli Cam	Diffuser	Tempered Glass
SDCM (MacAdam)	3	SDCM (MacAdam)	3
Renk Sıcaklığı	2700K/3000K/4000K	Colour Temperature	2700K/3000K/4000K
Ömür	50000h	Life Time	50000h
Çalışma Sıcaklığı	-25°C/+50°C	Operating Temperature	-25°C/+50°C
LED	Nichia	LED	Nichia
Uygunluk	EN60598-1:2009-04	Conformity	EN60598-1:2009-04

Ürün Kodu Product Code	Güç Power	Çıkış Işık Akısı Lumen Output	Verimlilik Efficiency	Işık Açısı Beam Angle	Işık Kaynağı Light Source	CRI	A (mm)	B (mm)
50080	3W	2x360Lm	120Lm/W	-	LED	+80	120	130
50081	9W	2x1080Lm	120Lm/W	-	LED	+80	120	130
50082	12W	2x1440Lm	120Lm/W	-	LED	+80	120	130
50083	18W	2x2160Lm	120Lm/W	-	LED	+80	150	180-200
50055	2x3W	2x360Lm	120Lm/W	-	LED	+80	120	220
50056	2x9W	2x1080Lm	120Lm/W	-	LED	+80	120	220
50057	2x12W	2x1440Lm	120Lm/W	-	LED	+80	120	220
50058	2x18W	2x2160Lm	120Lm/W	-	LED	+80	150	250

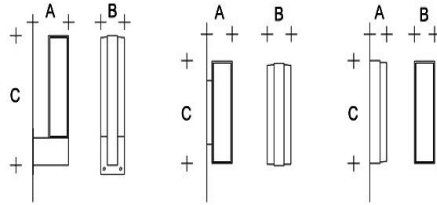
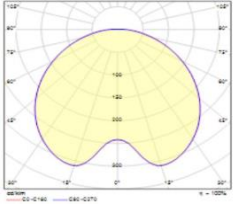
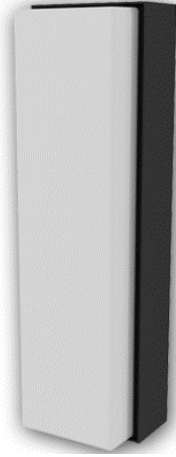
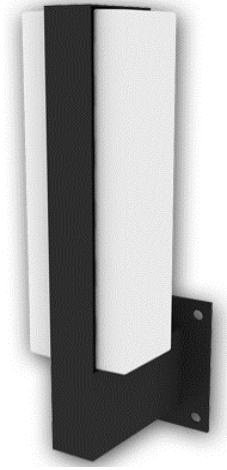


## ÜRÜN ÖZELLİKLERİ/PRODUCT SPECIFICATIONS

Ürün Tanımı	Aplik	Product Descripton	Wall Mounted Luminaire
Gövde	Alüminyum Enjeksiyon Paslanmaz Çelik Civatalar,Silikon Conta	Body	Die-Cast Aluminum Stainless Steel Screws,Silicone Rubber Gaskets
Diffüzör	Temperli Cam	Diffuser	Tempered Glass
SDCM (MacAdam)	3	SDCM (MacAdam)	3
Renk Sıcaklığı	2700K/3000K/4000K	Colour Temperature	2700K/3000K/4000K
Ömür	50000h	Life Time	50000h
Çalışma Sıcaklığı	-25°C/+50°C	Operating Temperature	-25°C/+50°C
LED	Nichia	LED	Nichia
Uygunluk	EN60598-1:2009-04	Conformity	EN60598-1:2009-04

Ürün Kodu Product Code	Güç Power	Çıkış Işık Akısı Lumen Output	Verimlilik Efficiency	Işık Açısı Beam Angle	Işık Kaynağı Light Source	CRI	A (mm)	B (mm)	H (mm)
50079	82W	9840LM	120Lm/W	-	LED	+80	500	90	158

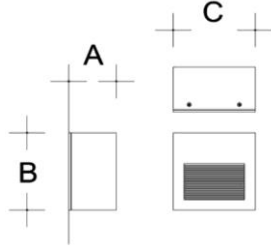
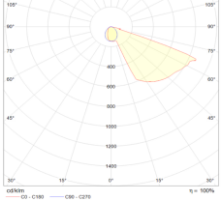
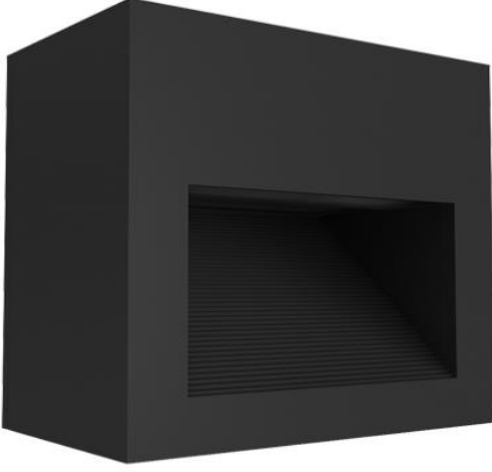




## ÜRÜN ÖZELLİKLERİ/PRODUCT SPECIFICATIONS

Ürün Tanımı	Duvar Aplığı	Product Descripton	Wall Mounted Luminaire
Gövde	Alüminyum Enjeksiyon Paslanmaz Çelik Civatalar,Silikon Conta	Body	Die-Cast Aluminum Stainless Steel Screws,Silicone Rubber Gaskets
Difüzör	Akrilik	Diffuser	Acrylic
SDCM (MacAdam)	3	SDCM (MacAdam)	3
Renk Sıcaklığı	2700K/3000K/4000K	Colour Temperature	2700K/3000K/4000K
Ömür	50000h	Life Time	50000h
Çalışma Sıcaklığı	-25°C/+50°C	Operating Temperature	-25°C/+50°C
LED	Nichia	LED	Nichia
Uygunluk	EN60598-1:2009-04	Conformity	EN60598-1:2009-04

Ürün Kodu Product Code	Güç Power	Çıkış Işık Akısı Lumen Output	Verimlilik Efficiency	Işık Açısı Beam Angle	Işık Kaynağı Light Source	CRI	A (mm)	B (mm)	C (mm)
50060	2x9W	2x1080Lm	120Lm/W	-	LED	+80	213	140	570
50061	2x18W	2x2160Lm	120Lm/W	-	LED	+80	150	140	541
50062	2x9W	2x1080Lm	120Lm/W	-	LED	+80	150	140	541
50063	2x18W	2x2160Lm	120Lm/W	-	LED	+80	100	120	451
50064	9W	1080Lm	120Lm/W	-	LED	+80	100	120	451
50065	18W	2160Lm	120Lm/W	-	LED	+80	100	120	451

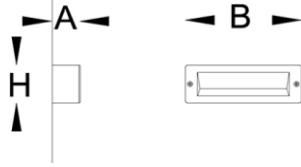
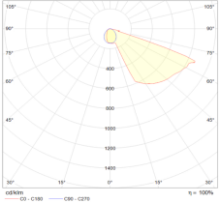
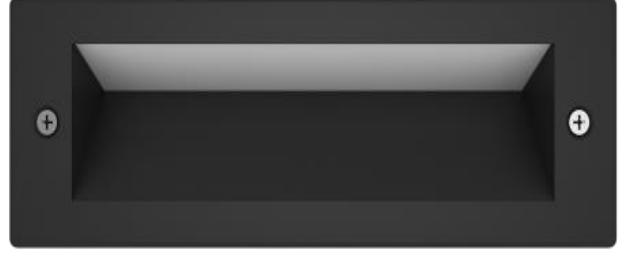


## ÜRÜN ÖZELLİKLERİ/PRODUCT SPECIFICATIONS

Ürün Tanımı	Duvar Aplığı	Product Descripton	Wall Mounted Luminaire
Gövde	Alüminyum Enjeksiyon Paslanmaz Çelik Civatalar,Silikon Conta	Body	Die-Cast Aluminum Stainless Steel Screws,Silicone Rubber Gaskets
Difüzör	Opal Beyaz Akrilik	Diffuser	Opal White Acrylic
SDCM (MacAdam)	3	SDCM (MacAdam)	3
Renk Sıcaklığı	2700K/3000K/4000K	Colour Temperature	2700K/3000K/4000K
Ömür	50000h	Life Time	50000h
Çalışma Sıcaklığı	-25°C/+50°C	Operating Temperature	-25°C/+50°C
LED	Nichia	LED	Nichia
Uygunluk	EN60598-1:2009-04	Conformity	EN60598-1:2009-04

Ürün Kodu Product Code	Güç Power	Çıkış Işık Akısı Lumen Output	Verimlilik Efficiency	Işık Açısı Beam Angle	Işık Kaynağı Light Source	CRI	A (mm)	B (mm)	C (mm)
50066	3W	360Lm	120Lm/W	-	LED	+80	89	153	153





## ÜRÜN ÖZELLİKLERİ/PRODUCT SPECIFICATIONS

Ürün Tanımı	Duvar Apliği	Product Descripton	Wall Mounted Luminaire
Gövde	Alüminyum Enjeksiyon Paslanmaz Çelik Civatalar,Silikon Conta	Body	Die-Cast Aluminum Stainless Steel Screws,Silicone Rubber Gaskets
Difüzör	Opal Akrilik	Diffuser	Opal Acrylic
SDCM (MacAdam)	3	SDCM (MacAdam)	3
Renk Sıcaklığı	2700K/3000K/4000K	Colour Temperature	2700K/3000K/4000K
Ömür	50000h	Life Time	50000h
Çalışma Sıcaklığı	-25°C/+50°C	Operating Temperature	-25°C/+50°C
LED	Nichia	LED	Nichia
Uygunluk	EN60598-1:2009-04	Conformity	EN60598-1:2009-04

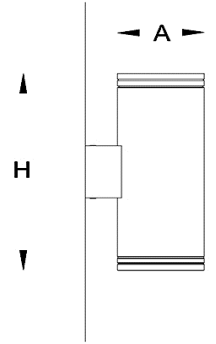
Ürün Kodu Product Code	Güç Power	Çıkış Işık Akısı Lumen Output	Verimlilik Efficiency	Işık Açısı Beam Angle	Işık Kaynağı Light Source	CRI	A (mm)	B (mm)	H (mm)
50067	3W	360Lm	120Lm/W	-	LED	+80	58	240	80
50068	6W	720Lm	120Lm/W	-	LED	+80	58	240	80





## ÜRÜN ÖZELLİKLERİ/PRODUCT SPECIFICATIONS

<b>Ürün Tanımı</b>	Duvar Aplığı	<b>Product Descripton</b>	Wall Mounted Luminaire
<b>Gövde</b>	Alüminyum Enjeksiyon Paslanmaz Çelik Civatalar,Silikon Conta	<b>Body</b>	Die-Cast Aluminum Stainless Steel Screws,Silicone Rubber Gaskets
<b>Diffüzör</b>	Temperli Cam-Ledil Lens	<b>Diffuser</b>	Tempered Glass-Ledil Lens
<b>SDCM (MacAdam)</b>	3	<b>SDCM (MacAdam)</b>	3
<b>Renk Sıcaklığı</b>	2700K/3000K/4000K	<b>Colour Temperature</b>	2700K/3000K/4000K
<b>Ömür</b>	50000h	<b>Life Time</b>	50000h
<b>Çalışma Sıcaklığı</b>	-25°C/+50°C	<b>Operating Temperature</b>	-25°C/+50°C
<b>LED</b>	Nichia-CREE	<b>LED</b>	Nichia-CREE
<b>Driver</b>	Tridonic-Mean Well-Invertronics	<b>Driver</b>	Tridonic-Mean Well-Invertronics
<b>Uygunluk</b>	EN60598-1:2009-04	<b>Conformity</b>	EN60598-1:2009-04



Ürün Kodu Product Code	Güç Power	Çıkış Işık Akısı Lumen Output	Verimlilik Efficiency	Işık Açısı Beam Angle	Işık Kaynağı Light Source	CRI	A (mm)	H (mm)	H-2 (mm)
63009	3W	360	120Lm/W	-	LED	+80	120	130	∞
63010	9W	1080	120Lm/W	-	LED	+80	120	130	∞
63011	12W	1440	120Lm/W	-	LED	+80	120	130	∞
63012	18W	2160	120Lm/W	-	LED	+80	120	180	∞
63013	20 W	2400	120Lm/W	-	LED	+80	120	220	∞
63014	30 W	3600	120Lm/W	-	LED	+80	120	220	∞



*Duvar Gömme  
Armatür*

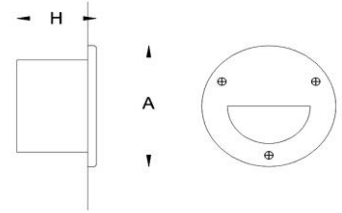


Recessed Wall  
Mounted  
Luminaire



## ÜRÜN ÖZELLİKLERİ/PRODUCT SPECIFICATIONS

<b>Ürün Tanımı</b>	Duvar Gömme Armatür	<b>Product Descripton</b>	Recessed Wall Mounted Luminaire
<b>Gövde</b>	Elektrostatiktoz Boyalı Alüminyum Gövde, Paslanmaz Çelik Civatalar,Silikon Conta	<b>Body</b>	Electrostatic Powder Coated Aluminum Body, Stainless Steel Screws,Silicone Gasket
<b>Difüzör</b>	Temperli Cam		Tempered Glass
<b>SDCM (MacAdam)</b>	3	<b>SDCM (MacAdam)</b>	3
<b>Renk Sıcaklığı</b>	3000K	<b>Colour Temperature</b>	3000K
<b>Ömür</b>	50000h	<b>Life Time</b>	50000h
<b>Çalışma Sıcaklığı</b>	-25°C/+50°C	<b>Operating Temperature</b>	-25°C/+50°C
<b>LED</b>	Epistar	<b>LED</b>	Epistar
<b>Uygunluk</b>	EN60598-1:2009-04	<b>Conformity</b>	EN60598-1:2009-04



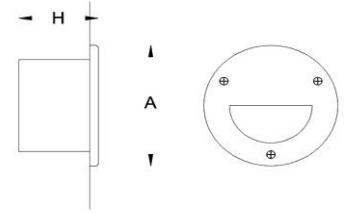
Ürün Kodu Product Code	Güç Power	Çıkış Işık Akısı Lumen Output	Verimlilik Efficiency	Işık Açısı Beam Angle	Işık Kaynağı Light Source	CRI	A (mm)	H (mm)
53022	3W	225Lm	75Lm/W	-	LED	+80	130	135
53023	6W	450Lm	75Lm/W	-	LED	+81	130	135





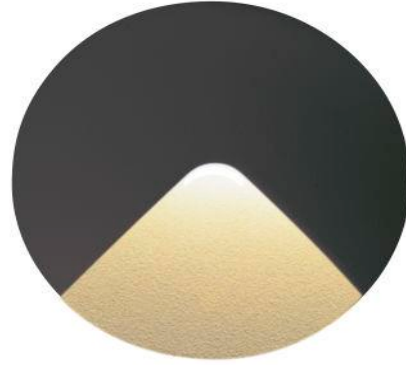
## ÜRÜN ÖZELLİKLERİ/PRODUCT SPECIFICATIONS

<b>Ürün Tanımı</b>	Duvar Gömme Armatür	<b>Product Description</b>	Recessed Wall Mounted Luminaire
<b>Gövde</b>	Elektrostatiktoz Boyalı Alüminyum Gövde, Paslanmaz Çelik Civatalar,Silikon Conta Galvaniz Kaplı Çelik Kasa	<b>Body</b>	Electrostatic Powder Coated Aluminum Body, Stainless Steel Screws,Silicone Gasket Galvanized Steel Casing,
<b>Difüzör</b>	6 mm Temperli Cam		6 mm Tempered Glass
<b>SDCM (MacAdam)</b>	3	<b>SDCM (MacAdam)</b>	3
<b>Renk Sıcaklığı</b>	3000K	<b>Colour Temperature</b>	3000K
<b>Ömür</b>	50000h	<b>Life Time</b>	50000h
<b>Çalışma Sıcaklığı</b>	-25°C/+50°C	<b>Operating Temperature</b>	-25°C/+50°C
<b>LED</b>		<b>LED</b>	
<b>Uygunluk</b>	EN60598-1:2009-04	<b>Conformity</b>	EN60598-1:2009-04



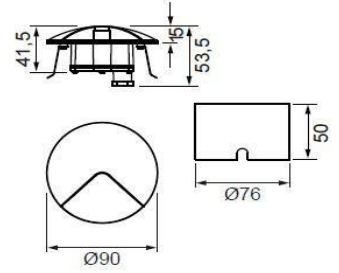
Ürün Kodu Product Code	Güç Power	Çıkış Işık Akısı Lumen Output	Verimlilik Efficiency	Işık Açısı Beam Angle	Işık Kaynağı Light Source	CRI	A (mm)	H (mm)
53026	2W	150Lm	75Lm/W	Simetrik	POWER LED	+80	155	92
53027	4W	300Lm	75Lm/W	Simetrik	POWER LED	+80	155	92





## ÜRÜN ÖZELLİKLERİ/PRODUCT SPECIFICATIONS

Ürün Tanımı	Duvar Gömme Armatür	Product Descripton	Recessed Wall Mounted Luminaire
Gövde	Plastik Kasa	Body	Plastic Housing
Diffüzör		Diffuser	
SDCM (MacAdam)	3	SDCM (MacAdam)	3
Renk Sıcaklığı	3000K	Colour Temperature	3000K
Ömür	50000h	Life Time	50000h
Çalışma Sıcaklığı	-25°C/+50°C	Operating Temperature	-25°C/+50°C
LED	Epistar	LED	Epistar
Uygunluk	EN60598-1:2009-04	Conformity	EN60598-1:2009-04

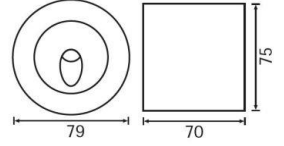


Ürün Kodu Product Code	Güç Power	Çıkış Işık Akısı Lumen Output	Verimlilik Efficiency	Işık Açısı Beam Angle	Işık Kaynağı Light Source	CRI	Ø (mm)	Ø CUT (mm)	H (mm)
53003	2W	150Lm	75Lm/W	-	LED	+80	90	76	53,5
53004	2W	150Lm	75Lm/W	-	LED	+81	90	76	53,5



## ÜRÜN ÖZELLİKLERİ/PRODUCT SPECIFICATIONS

<b>Ürün Tanımı</b>	Duvar Gömme Armatür	<b>Product Descripton</b>	Recessed Wall Mounted Luminaire
<b>Gövde</b>	Plastik Kasa	<b>Body</b>	Plastic Housing
<b>Diffüzör</b>		<b>Diffuser</b>	
<b>SDCM (MacAdam)</b>	3	<b>SDCM (MacAdam)</b>	3
<b>Renk Sıcaklığı</b>	3000K	<b>Colour Temperature</b>	3000K
<b>Ömür</b>	50000h	<b>Life Time</b>	50000h
<b>Çalışma Sıcaklığı</b>	-25°C/+50°C	<b>Operating Temperature</b>	-25°C/+50°C
<b>LED</b>	Epistar	<b>LED</b>	Epistar
<b>Uygunluk</b>	EN60598-1:2009-04	<b>Conformity</b>	EN60598-1:2009-04

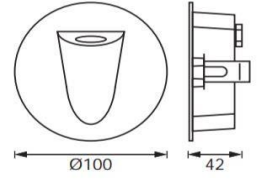


Ürün Kodu Product Code	Güç Power	Çıkış Işık Akısı Lumen Output	Verimlilik Efficiency	Işık Açısı Beam Angle	Işık Kaynağı Light Source	CRI	Ø (mm)	W (mm)
50017	3W	150Lm	94Lm/W	-	LED	+80	79	75

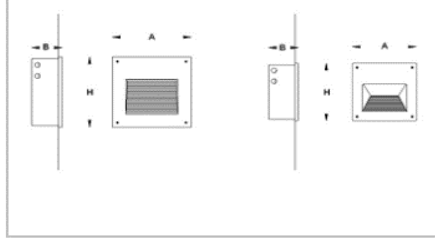
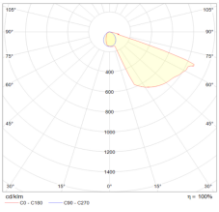
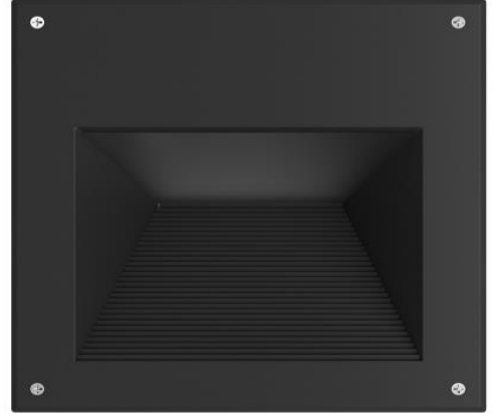
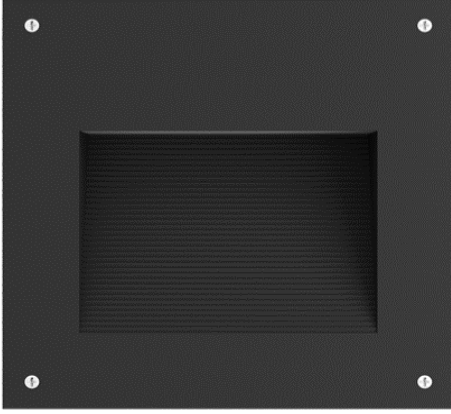


## ÜRÜN ÖZELLİKLERİ/PRODUCT SPECIFICATIONS

Ürün Tanımı	Duvar Gömme Armatür	Product Descripton	Recessed Wall Mounted Luminaire
Gövde	Plastik Kasa	Body	Plastic Housing
Diffüzör		Diffuser	
SDCM (MacAdam)	3	SDCM (MacAdam)	3
Renk Sıcaklığı	3000K	Colour Temperature	3000K
Ömür	50000h	Life Time	50000h
Çalışma Sıcaklığı	-25°C/+50°C	Operating Temperature	-25°C/+50°C
LED	Epistar	LED	Epistar
Uygunluk	EN60598-1:2009-04	Conformity	EN60598-1:2009-04



Ürün Kodu Product Code	Güç Power	Çıkış Işık Akısı Lumen Output	Verimlilik Efficiency	Işık Açısı Beam Angle	Işık Kaynağı Light Source	CRI	Ø (mm)	W (mm)
53015	5W	470Lm	94Lm/W	-	LED	+80	100	42

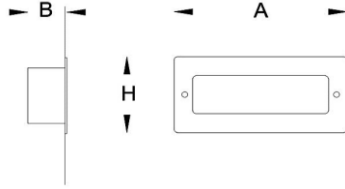
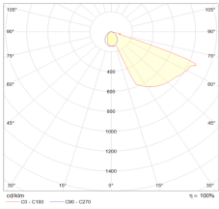
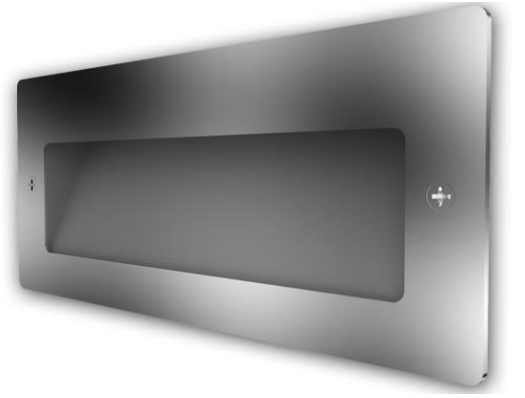
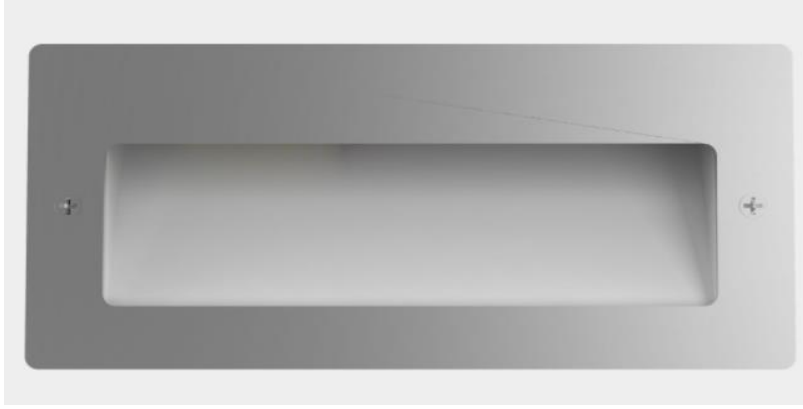


## ÜRÜN ÖZELLİKLERİ/PRODUCT SPECIFICATIONS

<b>Ürün Tanımı</b>	Duvar Gömme Armatür	<b>Product Descripton</b>	Recessed Wall Mounted Luminaire
<b>Gövde</b>	Alüminyum Enjeksiyon Paslanmaz Çelik Civatalar,Silikon Conta	<b>Body</b>	Die-Cast Aluminum Stainless Steel Screws,Silicone Rubber Gaskets
<b>Difüzör</b>	Temperli Cam	<b>Diffuser</b>	Tempered Glass
<b>SDCM (MacAdam)</b>	3	<b>SDCM (MacAdam)</b>	3
<b>Renk Sıcaklığı</b>	2700K/3000K/4000K	<b>Colour Temperature</b>	2700K/3000K/4000K
<b>Ömür</b>	50000h	<b>Life Time</b>	50000h
<b>Çalışma Sıcaklığı</b>	-25°C/+50°C	<b>Operating Temperature</b>	-25°C/+50°C
<b>LED</b>	Nichia	<b>LED</b>	Nichia
<b>Uygunluk</b>	EN60598-1:2009-04	<b>Conformity</b>	EN60598-1:2009-04

Ürün Kodu Product Code	Güç Power	Çıkış Işık Akısı Lumen Output	Verimlilik Efficiency	Işık Açısı Beam Angle	Işık Kaynağı Light Source	CRI	A (mm)	B (mm)	H (mm)
53008	24W	2880Lm	120Lm/W	-	LED	+80	300	116	300
53009	35W	4200Lm	120Lm/W	-	LED	+80	250	116	250





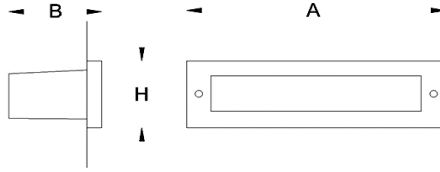
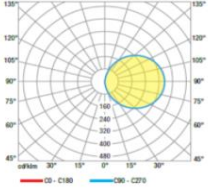
## ÜRÜN ÖZELLİKLERİ/PRODUCT SPECIFICATIONS

<b>Ürün Tanımı</b>	Duvar Gömme Armatür	<b>Product Descripton</b>	Recessed Wall Mounted Luminaire
<b>Gövde</b>	Paslanmaz Çelik	<b>Body</b>	Stainless Steel
	Paslanmaz Çelik Civatalar,Silikon Conta		Stainless Steel Screws,Silicone Rubber Gaskets
<b>Difüzör</b>	PMMA	<b>Diffuser</b>	PMMA
<b>SDCM (MacAdam)</b>	3	<b>SDCM (MacAdam)</b>	3
<b>Renk Sıcaklığı</b>	2700K/3000K/4000K	<b>Colour Temperature</b>	2700K/3000K/4000K
<b>Ömür</b>	50000h	<b>Life Time</b>	50000h
<b>Çalışma Sıcaklığı</b>	-25°C/+50°C	<b>Operating Temperature</b>	-25°C/+50°C
<b>LED</b>	Nichia	<b>LED</b>	Nichia
<b>Uygunluk</b>	EN60598-1:2009-04	<b>Conformity</b>	EN60598-1:2009-04

Ürün Kodu Product Code	Güç Power	Çıkış Işık Akısı Lumen Output	Verimlilik Efficiency	Işık Açısı Beam Angle	Işık Kaynağı Light Source	CRI	A (mm)	B (mm)	H (mm)
53010	3W	360Lm	120Lm/W	-	LED	+80	160	43	130
53011	6W	720Lm	120Lm/W	-	LED	+80	160	43	130
53012	12W	1440Lm	120Lm/W	-	LED	+80	280	63	130





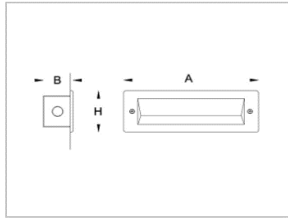
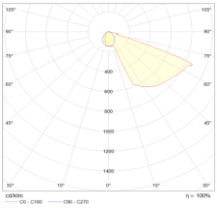
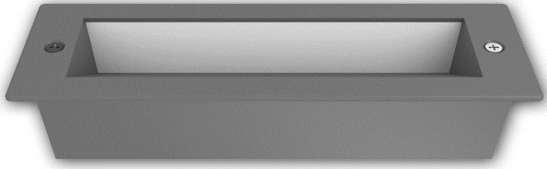


## ÜRÜN ÖZELLİKLERİ/PRODUCT SPECIFICATIONS

<b>Ürün Tanımı</b>	Duvar Gömme Armatür	<b>Product Descripton</b>	Recessed Wall Mounted Luminaire
<b>Gövde</b>	Alüminyum Enjeksiyon Paslanmaz Çelik Civatalar,Silikon Conta	<b>Body</b>	Die-Cast Aluminum Stainless Steel Screws,Silicone Rubber Gaskets
<b>Difüzör</b>	PMMA	<b>Diffuser</b>	PMMA
<b>SDCM (MacAdam)</b>	3	<b>SDCM (MacAdam)</b>	3
<b>Renk Sıcaklığı</b>	2700K/3000K/4000K	<b>Colour Temperature</b>	2700K/3000K/4000K
<b>Ömür</b>	50000h	<b>Life Time</b>	50000h
<b>Çalışma Sıcaklığı</b>	-25°C/+50°C	<b>Operating Temperature</b>	-25°C/+50°C
<b>LED</b>	Nichia	<b>LED</b>	Nichia
<b>Uygunluk</b>	EN60598-1:2009-04	<b>Conformity</b>	EN60598-1:2009-04

Ürün Kodu Product Code	Güç Power	Çıkış Işık Akısı Lumen Output	Verimlilik Efficiency	Işık Açısı Beam Angle	Işık Kaynağı Light Source	CRI	A (mm)	B (mm)	H (mm)
53024	3W	360Lm	120Lm/W	Simetrik	POWER LED	+80	265	95	75
53025	6W	720Lm	120Lm/W	Simetrik	POWER LED	+80	265	95	75



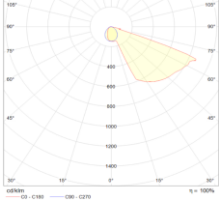
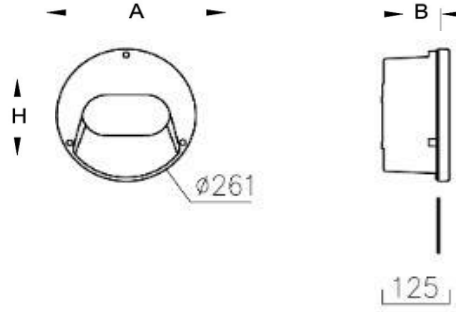


## ÜRÜN ÖZELLİKLERİ/PRODUCT SPECIFICATIONS

Ürün Tanımı	Duvar Gömme Armatür	Product Descripton	Recessed Wall Mounted Luminaire
Gövde	Alüminyum Enjeksiyon Paslanmaz Çelik Civatalar,Silikon Conta	Body	Die-Cast Aluminum Stainless Steel Screws,Silicone Rubber Gaskets
Difüzör	Opal Beyaz Akrilik	Diffuser	White Acrylic
SDCM (MacAdam)	3	SDCM (MacAdam)	3
Renk Sıcaklığı	2700K/3000K/4000K	Colour Temperature	2700K/3000K/4000K
Ömür	50000h	Life Time	50000h
Çalışma Sıcaklığı	-25°C/+50°C	Operating Temperature	-25°C/+50°C
LED	Nichia	LED	Nichia
Uygunluk	EN60598-1:2009-04	Conformity	EN60598-1:2009-04

Ürün Kodu Product Code	Güç Power	Çıkış Işık Akısı Lumen Output	Verimlilik Efficiency	Işık Açısı Beam Angle	Işık Kaynağı Light Source	CRI	A (mm)	B (mm)	H (mm)
53013	3W	360Lm	120Lm/W	-	LED	+80	240	53	80
53014	6W	720Lm	120Lm/W	-	LED	+80	240	53	80



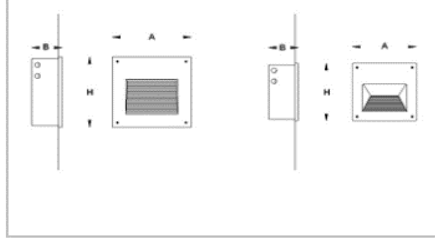
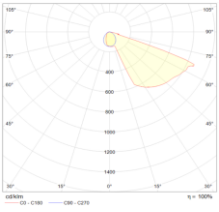
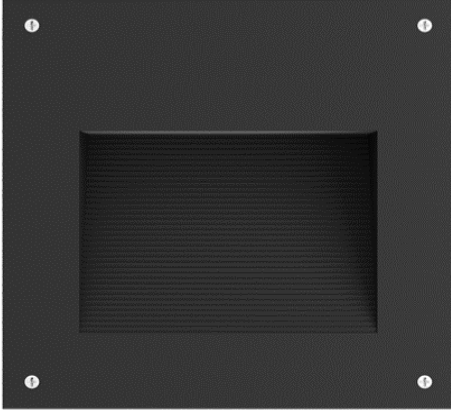


## ÜRÜN ÖZELLİKLERİ/PRODUCT SPECIFICATIONS

<b>Ürün Tanımı</b>	Duvar Gömme Armatür	<b>Product Descripton</b>	Recessed Wall Mounted Luminaire
<b>Gövde</b>	Alüminyum Enjeksiyon Paslanmaz Çelik Civatalar,Silikon Conta	<b>Body</b>	Die-Cast Aluminum Stainless Steel Screws,Silicone Rubber Gaskets
<b>Difüzör</b>	PMMA	<b>Diffuser</b>	PMMA
<b>SDCM (MacAdam)</b>	3	<b>SDCM (MacAdam)</b>	3
<b>Renk Sıcaklığı</b>	2700K/3000K/4000K	<b>Colour Temperature</b>	2700K/3000K/4000K
<b>Ömür</b>	50000h	<b>Life Time</b>	50000h
<b>Çalışma Sıcaklığı</b>	-25°C/+50°C	<b>Operating Temperature</b>	-25°C/+50°C
<b>LED</b>	Nichia	<b>LED</b>	Nichia
<b>Driver</b>	Tridonic-Osram-Mean Well	<b>Driver</b>	Tridonic-Osram-Mean Well
<b>Uygunluk</b>	EN60598-1:2009-04	<b>Conformity</b>	EN60598-1:2009-04

Ürün Kodu Product Code	Güç Power	Çıkış Işık Akısı Lumen Output	Verimlilik Efficiency	Işık Açısı Beam Angle	Işık Kaynağı Light Source	CRI	A (mm)	B (mm)	H (mm)
53017	11W	1200	120Lm/W	-	LED	+80	261	261	125
53018	21W	2400	120Lm/W	-	LED	+80	261	261	125





## ÜRÜN ÖZELLİKLERİ/PRODUCT SPECIFICATIONS

<b>Ürün Tanımı</b>	Duvar Gömme Armatür	<b>Product Descripton</b>	Recessed Wall Mounted Luminaire
<b>Gövde</b>	Alüminyum Enjeksiyon Paslanmaz Çelik Civatalar,Silikon Conta	<b>Body</b>	Die-Cast Aluminum Stainless Steel Screws,Silicone Rubber Gaskets
<b>Difüzör</b>		<b>Diffuser</b>	
<b>SDCM (MacAdam)</b>	3	<b>SDCM (MacAdam)</b>	3
<b>Renk Sıcaklığı</b>	2700K/3000K/4000K	<b>Colour Temperature</b>	2700K/3000K/4000K
<b>Ömür</b>	50000h	<b>Life Time</b>	50000h
<b>Çalışma Sıcaklığı</b>	-25°C/+50°C	<b>Operating Temperature</b>	-25°C/+50°C
<b>LED</b>	Nichia	<b>LED</b>	Nichia
<b>Driver</b>	Tridonic-Osram-Mean Well	<b>Driver</b>	Tridonic-Osram-Mean Well
<b>Uygunluk</b>	EN60598-1:2009-04	<b>Conformity</b>	EN60598-1:2009-04

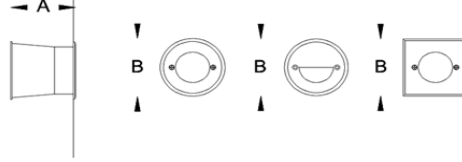
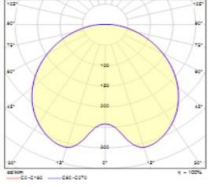
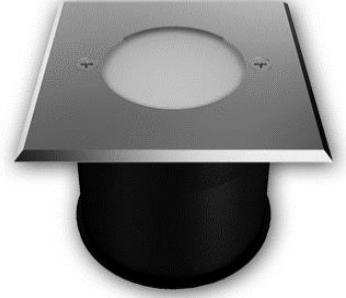
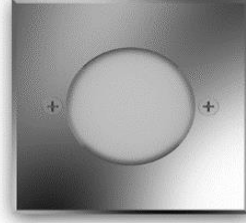
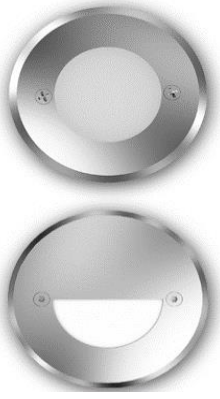
Ürün Kodu Product Code	Güç Power	Çıkış Işık Akısı Lumen Output	Verimlilik Efficiency	Işık Açısı Beam Angle	Işık Kaynağı Light Source	CRI	A (mm)	B (mm)	H (mm)
53019	1W	90	120Lm/W	-	LED	+80	82	73	82
53020	3W	270	120Lm/W	-	LED	+80	82	73	82



# *Yere Gömme Armatür*



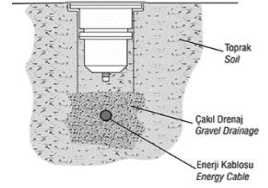
Ground  
Recessed  
Luminaire



**ÜRÜN ÖZELLİKLERİ/PRODUCT SPECIFICATIONS**

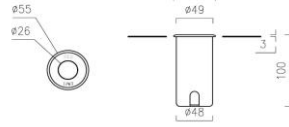
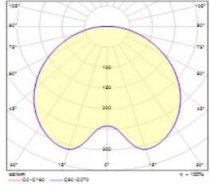
<b>Ürün Tanımı</b>	Yere Gömme Armatür
<b>Gövde</b>	Paslanmaz Çelik Ön Çerçeve, Enjeksiyon Baskı Arka Kasa Özel Rekörülü Kablo Girişi
<b>Diffüzör</b>	Temperli Cam
<b>SDCM (MacAdam)</b>	3
<b>Renk Sıcaklığı</b>	2700K/3000K/4000K
<b>Ömür</b>	50000h
<b>Çalışma Sıcaklığı</b>	-25°C/+50°C
<b>LED</b>	Nichia
<b>Uygunluk</b>	EN60598-1:2009-04

<b>Product Description</b>	Ground Recessed Luminaire
<b>Body</b>	Stainless Steel Front Frame, Injection Printing Rear Case, Special Record Cable Entry
<b>Diffuser</b>	Tempered Glass
<b>SDCM (MacAdam)</b>	3
<b>Colour Temperature</b>	2700K/3000K/4000K
<b>Life Time</b>	50000h
<b>Operating Temperature</b>	-25°C/+50°C
<b>LED</b>	Nichia
<b>Conformity</b>	EN60598-1:2009-04



Ürün Kodu Product Code	Güç Power	Çıkış Işık Akısı Lumen Output	Verimlilik Efficiency	Işık Açısı Beam Angle	Işık Kaynağı Light Source	CRI	A (mm)	B (mm)
52017	1W	120Lm	120Lm/W	-	LED	+80	95	93





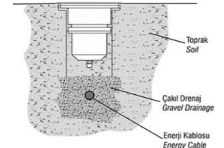
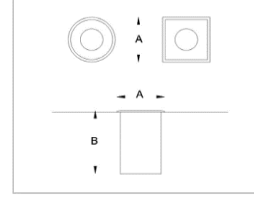
TEEBOX



ÜRÜN ÖZELLİKLERİ/PRODUCT SPECIFICATIONS

Ürün Tanımı	Yere Gömme Armatür
Gövde	Paslanmaz Çelik Ön Çerçeve, Paslanmaz Çelik Civatalar Silikon Conta
Difüzör	Temperli Cam
IK	8
SDCM (MacAdam)	3
Renk Sıcaklığı	2700K/3000K/4000K
Ömür	50000h
Çalışma Sıcaklığı	-25°C/+50°C
LED	Nichia
Driver	Tridonic-Osram-Mean Well
Uygunluk	EN60598-1:2009-04

Product Descripton	Ground Recessed Luminaire
Body	Stainless Steel Top Frame,Stainless Steel Screws Silicone Gasket
Diffuser	Tempered Glass
IK	8
SDCM (MacAdam)	3
Colour Temperature	2700K/3000K/4000K
Life Time	50000h
Operating Temperature	-25°C/+50°C
LED	Nichia
Driver	Tridonic-Osram-Mean Well
Conformity	EN60598-1:2009-04



Ürün Kodu Product Code	Güç Power	Çıkış Işık Akısı Lumen Output	Verimlilik Efficiency	Işık Açısı Beam Angle	Işık Kaynağı Light Source	CRI	A (mm)	B (mm)
52052	2,5 w	250lm	120Lm/W	-	LED	+80	55	100
52053	2,5w	RGB	120Lm/W	-	LED	+80	55	100



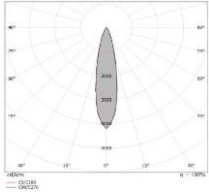
52069



52070



52071

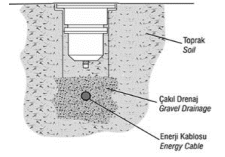
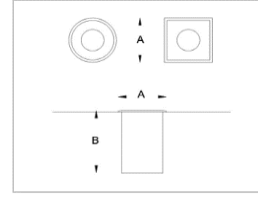


OPSİYONEL HONEYCOMB DİFÜZÖR

## ÜRÜN ÖZELLİKLERİ/PRODUCT SPECIFICATIONS

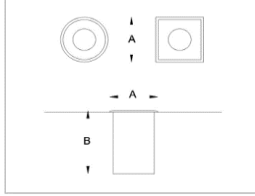
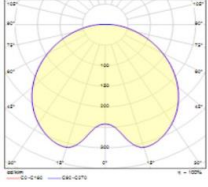
Ürün Tanımı	Yere Gömme Armatür
Gövde	Paslanmaz Çelik Ön Çerçeve, Paslanmaz Çelik Civatalar
	Silikon Conta
Difüzör	Şeffaf Temperli Cam
SDCM (MacAdam)	3
Renk Sıcaklığı	2700K/3000K/4000K
Ömür	50000h
Çalışma Sıcaklığı	-25°C/+50°C
LED	Osram/Nichia/Samsung
Driver	Tridonic-Osram
Uygunluk	EN60598-1:2009-04

Product Descripton	Ground Recessed Luminaire
Body	Stainless Steel Top Frame,Stainless Steel Screws
	Silicone Gasket
Diffuser	Transparent Tempered Glass
SDCM (MacAdam)	3
Colour Temperature	2700K/3000K/4000K
Life Time	50000h
Operating Temperature	-25°C/+50°C
LED	Osram/Nichia/Samsung
Driver	Tridonic-Osram
Conformity	EN60598-1:2009-04



Ürün Kodu Product Code	Güç Power	Çıkış Işık Akısı Lumen Output	Verimlilik Efficiency	Işık Açısı Beam Angle	Işık Kaynağı Light Source	CRI	A (mm)	B (mm)
52069	1W	16Lm	16Lm/W	30°	LED	+80	54	48
52070	5W	500Lm	100Lm/W	30°	LED	+80	64	48
52071	8W	1000Lm	125Lm/W	25°	LED	+80	97	52

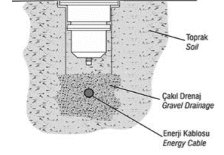




## ÜRÜN ÖZELLİKLERİ/PRODUCT SPECIFICATIONS

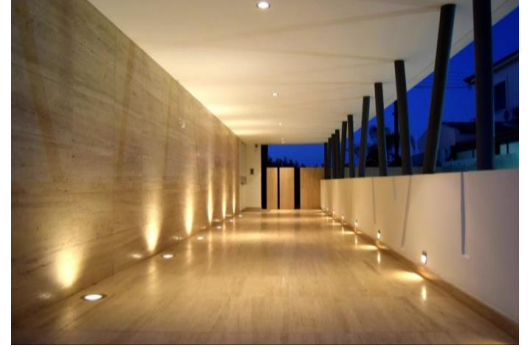
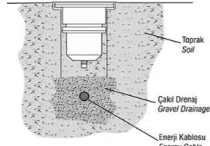
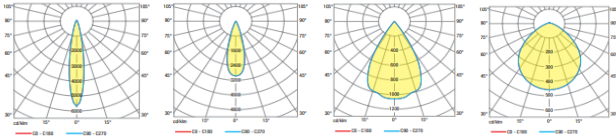
Ürün Tanımı	Yere Gömme Armatür
Gövde	Paslanmaz Çelik Ön Çerçeve, Paslanmaz Çelik Civatalar Silikon Conta
Difüzör	Temperli Cam
SDCM (MacAdam)	3
Renk Sıcaklığı	2700K/3000K/4000K
Ömür	50000h
Çalışma Sıcaklığı	-25°C/+50°C
LED	Nichia
Uygunluk	EN60598-1:2009-04

Product Description	Ground Recessed Luminaire
Body	Stainless Steel Top Frame, Stainless Steel Screws Silicone Gasket
Diffuser	Tempered Glass
SDCM (MacAdam)	3
Colour Temperature	2700K/3000K/4000K
Life Time	50000h
Operating Temperature	-25°C/+50°C
LED	Nichia
Conformity	EN60598-1:2009-04



Ürün Kodu Product Code	Güç Power	Çıkış Işık Akısı Lumen Output	Verimlilik Efficiency	Işık Açısı Beam Angle	Işık Kaynağı Light Source	CRI	A (mm)	B (mm)
52018	3x1.1W	396Lm	120Lm/W	-	LED	+80	93	128
52019	6x1.1W	792Lm	120Lm/W	-	LED	+80	120	143
52020	9x1.1W	1180Lm	120Lm/W	-	LED	+80	160	140
52021	12x1.1W	1584Lm	120Lm/W	-	LED	+80	170	155
52022	18x1.1W	2376Lm	120Lm/W	-	LED	+80	240	220
52023	27W	3240Lm	120Lm/W	-	LED	+80	240	220
52024	54W	6480Lm	120Lm/W	-	LED	+80	240	220
52056	3x1.1W	396Lm	120Lm/W	8°	LED	+80	93	100
52057	12x1.1W	1584Lm	120Lm/W	10°-20°-30°	LED	+80	165	128





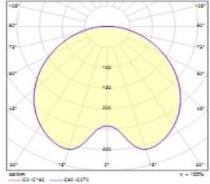
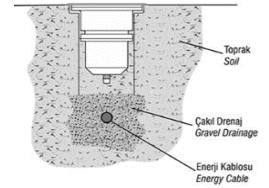
**ÜRÜN ÖZELLİKLERİ/PRODUCT SPECIFICATIONS**

<b>Ürün Tanımı</b>	Yere Gömme Armatür	<b>Product Description</b>	Ground Recessed Luminaire
<b>Gövde</b>	Paslanmaz Çelik Ön Çerçeve, Paslanmaz Çelik Civatalar	<b>Body</b>	Stainless Steel Top Frame, Stainless Steel Screws
<b>Difüzör</b>	Silikon Conta	<b>Diffuser</b>	Silicone Gasket
<b>IK</b>	Temperli Cam	<b>IK</b>	Tempered Glass
<b>SDCM (MacAdam)</b>	8	<b>SDCM (MacAdam)</b>	8
<b>Renk Sıcaklığı</b>	3	<b>Colour Temperature</b>	3000K/4000K
<b>Ömür</b>	3000K/4000K	<b>Life Time</b>	50000h
<b>Çalışma Sıcaklığı</b>	50000h	<b>Operating Temperature</b>	-25°C/+50°C
<b>LED</b>	-25°C/+50°C	<b>LED</b>	Nichia
<b>Driver</b>	Nichia	<b>Driver</b>	Tridonic-Osram-Mean Well
<b>Uygunluk</b>	Tridonic-Osram-Mean Well	<b>Conformity</b>	EN60598-1:2009-04

Ürün Kodu Product Code	Güç Power	Çıkış Işık Akısı Lumen Output	Verimlilik Efficiency	Işık Açısı Beam Angle	Işık Kaynağı Light Source	CRI	A (mm)	B (mm)
52060	1W	120Lm	120Lm/W	-	LED	+80	90	127
52061	3W	360Lm	120Lm/W	-	LED	+80	90	127
52062	3W	360Lm	120Lm/W	-	LED	+80	105	123
52063	5W	600Lm	120Lm/W	-	LED	+80	105	123
52064	9W	1080Lm	120Lm/W	-	LED	+80	158	232
52065	15W	1080Lm	72Lm/W	-	LED	+80	158	232
52066	18W	2160Lm	120Lm/W	-	LED	+80	198	232
52067	34W	3740Lm	110Lm/W	-	LED	+80	198	232



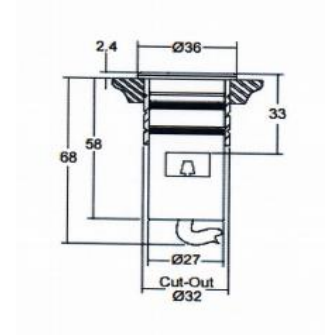
LA-X96 - TEEBOX



## ÜRÜN ÖZELLİKLERİ/PRODUCT SPECIFICATIONS

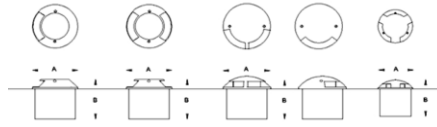
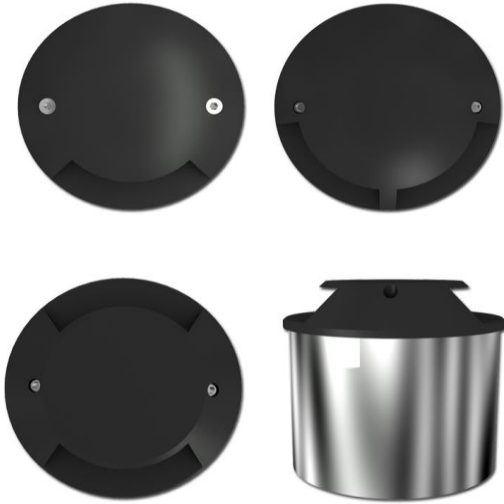
Ürün Tanımı	Yere Gömme Armatür
Gövde	Paslanmaz Çelik Ön Çerçeve, Enjeksiyon Baskı Arka Kasa Özel Rekorlu Kablo Girişi
Difüzör	Temperli Cam
SDCM (MacAdam)	3
Renk Sıcaklığı	2700K/3000K/4000K
Ömür	50000h
Çalışma Sıcaklığı	-25°C/+50°C
LED	Nichia
Uygunluk	EN60598-1:2009-04

Product Descripton	Ground Recessed Luminaire
Body	Stainless Steel Front Frame, Injection Printing Rear Case, Special Record Cable Entry
Diffuser	Tempered Glass
SDCM (MacAdam)	3
Colour Temperature	2700K/3000K/4000K
Life Time	50000h
Operating Temperature	-25°C/+50°C
LED	Nichia
Conformity	EN60598-1:2009-04



Ürün Kodu Product Code	Güç Power	Çıkış Işık Akısı Lumen Output	Verimlilik Efficiency	Işık Açısı Beam Angle	Işık Kaynağı Light Source	CRI	Ø (mm)	Ø CUT (mm)	H (mm)
52058	1W	75Lm	75Lm/W	8°10°12°-20°-30°	LED	+80	36	32	68
52059	1.7W	75Lm	120Lm/W	8°10°12°-20°-30°	LED	+80	36	32	68

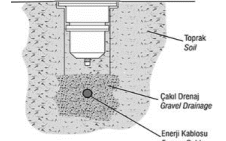




**ÜRÜN ÖZELLİKLERİ/PRODUCT SPECIFICATIONS**

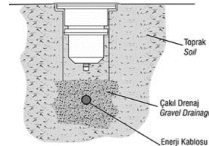
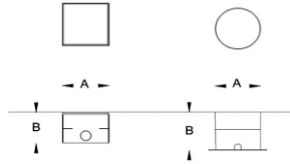
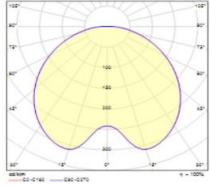
<b>Ürün Tanımı</b>	Yere Gömme Armatür
<b>Gövde</b>	Alüminyum Döküm Paslanmaz Çelik İç Ve Dış Hazne, Paslanmaz Çelik Civatalar
<b>Difüzör</b>	PMMA
<b>SDCM (MacAdam)</b>	3
<b>Renk Sıcaklığı</b>	2700K/3000K/4000K
<b>Ömür</b>	50000h
<b>Çalışma Sıcaklığı</b>	-25°C/+50°C
<b>LED</b>	Nichia
<b>Uygunluk</b>	EN60598-1:2009-04

<b>Product Descripton</b>	Ground Recessed Luminaire
<b>Body</b>	Aluminumdie-Cast,Stainless Steel Inner Outerchamber, Stainless Steel Screws
<b>Diffuser</b>	PMMA
<b>SDCM (MacAdam)</b>	3
<b>Colour Temperature</b>	2700K/3000K/4000K
<b>Life Time</b>	50000h
<b>Operating Temperature</b>	-25°C/+50°C
<b>LED</b>	Nichia
<b>Conformity</b>	EN60598-1:2009-04



Ürün Kodu Product Code	Güç Power	Çıkış Işık Akısı Lumen Output	Verimlilik Efficiency	Işık Açısı Beam Angle	Işık Kaynağı Light Source	CRI	A (mm)	B (mm)
52025	3x1,1W	396Lm	120Lm/W	-	LED	+80	157	144
52026	2x3x1,1	2x396Lm	120Lm/W	-	LED	+80	157	144
52027	2x2x1,1W	2x264Lm	120Lm/W	-	LED	+80	120	122
52054	3x1,1W	396Lm	120Lm/W	-	LED	+80	165	154





**ÜRÜN ÖZELLİKLERİ/PRODUCT SPECIFICATIONS**

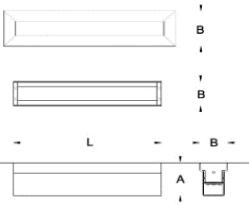
<b>Ürün Tanımı</b>	Yere Gömme Armatür
<b>Gövde</b>	Alüminyum Gövde, Paslanmaz Çelik Alt Baza
<b>Diffüzör</b>	PMMA
<b>SDCM (MacAdam)</b>	3
<b>Renk Sıcaklığı</b>	2700K/3000K/4000K
<b>Ömür</b>	50000h
<b>Çalışma Sıcaklığı</b>	-25°C/+50°C
<b>LED</b>	Nichia
<b>Uygunluk</b>	EN60598-1:2009-04

<b>Product Descripton</b>	Ground Recessed Luminaire
<b>Body</b>	Aluminum Housing, Stainless Steel Base
<b>Diffuser</b>	PMMA
<b>SDCM (MacAdam)</b>	3
<b>Colour Temperature</b>	2700K/3000K/4000K
<b>Life Time</b>	50000h
<b>Operating Temperature</b>	-25°C/+50°C
<b>LED</b>	Nichia
<b>Conformity</b>	EN60598-1:2009-04



Ürün Kodu Product Code	Güç Power	Çıkış Işık Akısı Lumen Output	Verimlilik Efficiency	Işık Açısı Beam Angle	Işık Kaynağı Light Source	CRI	A (mm)	B (mm)
52028	1,1W	132Lm	120Lm/W	-	LED	+80	102	75,5
52029	1,1W	132Lm	120Lm/W	-	LED	+80	102	95

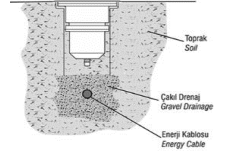




**ÜRÜN ÖZELLİKLERİ/PRODUCT SPECIFICATIONS**

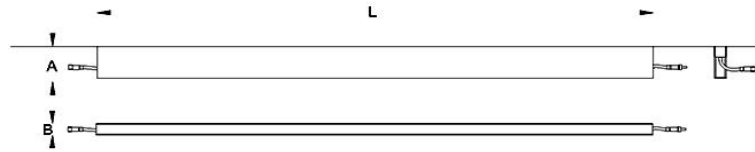
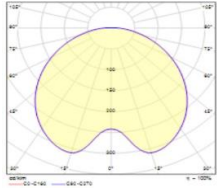
<b>Ürün Tanımı</b>	Yere Gömme Armatür
<b>Gövde</b>	Ekstrüzyon Anodize Alüminyum Gövde, Paslanmaz Çelik Civatalar,Silikon Conta Erkek-Dişi konektörler. Gömme Kutusu içerir.
<b>Difüzör</b>	Polikarbon Şeffaf, Buzlu ve Opal Difüzör
<b>Lens Dereceleri</b>	8° - 12° - 25° - 30°-45°-60°-30°-85-90°
<b>SDCM (MacAdam)</b>	3
<b>Renk Sıcaklığı</b>	2700K/3000K/4000K
<b>Ömür</b>	50000h
<b>Çalışma Sıcaklığı</b>	-25°C/+50°C
<b>LED</b>	Nichia
<b>Uygunluk</b>	EN60598-1:2009-04

<b>Product Descripton</b>	Ground Recessed Luminaire
<b>Body</b>	Anodised Silver Aluminum Extruded Housing With Stainless Steel,Screw and Silicone Gaskets. Male-female Waterproof Connectors. Includes Recessing Box.
<b>Diffuser</b>	Polycarbonate Transparent, Frosted and Opal Diffuser
<b>Optics</b>	8° - 12° - 25° - 30°-45°-60°-30°-85-90°
<b>SDCM (MacAdam)</b>	3
<b>Colour Temperature</b>	2700K/3000K/4000K
<b>Life Time</b>	50000h
<b>Operating Temperature</b>	-25°C/+50°C
<b>LED</b>	Nichia
<b>Conformity</b>	EN60598-1:2009-04



Ürün Kodu Product Code	Güç Power	Çıkış Işık Akısı Lumen Output	Verimlilik Efficiency	Işık Açısı Beam Angle	Işık Kaynağı Light Source	CRI	A (mm)	B (mm)	L (mm)
52031	6,6W	792Lm	120Lm/W	Simetrik/Eliptik/Asimetrik	LED	+80	85	92	216
52032	13,2W	1584Lm	120Lm/W	Simetrik/Eliptik/Asimetrik	LED	+80	85	92	366
52033	19,8W	2376Lm	120Lm/W	Simetrik/Eliptik/Asimetrik	LED	+80	85	92	516
52034	26,4W	3168Lm	120Lm/W	Simetrik/Eliptik/Asimetrik	LED	+80	85	92	666
52035	33W	3960Lm	120Lm/W	Simetrik/Eliptik/Asimetrik	LED	+80	85	92	816
52036	39,6W	4752Lm	120Lm/W	Simetrik/Eliptik/Asimetrik	LED	+80	85	92	966
52055	33W	3960Lm	120Lm/W	Simetrik/Eliptik/Asimetrik	LED	+81	85	92	1270

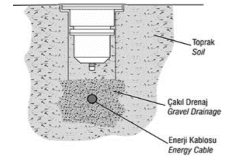




## ÜRÜN ÖZELLİKLERİ/PRODUCT SPECIFICATIONS

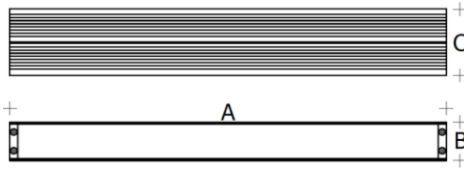
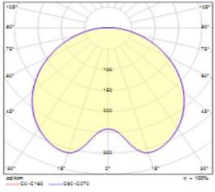
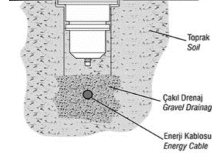
Ürün Tanımı	Yere Gömme Armatür
Gövde	Ekstrüzyon Anodize Alüminyum Gövde, Paslanmaz Çelik Civatalar,Silikon Conta Erkek-Dişi konektörler. Gömme Kutusu İçerir.
Difüzör	Polikarbon Şeffaf, Buzlu ve Opal Difüzör
SDCM (MacAdam)	3
Renk Sıcaklığı	2700K/3000K/4000K
Ömür	50000h
Çalışma Sıcaklığı	-25°C/+50°C
LED	Nichia
Uygunluk	EN60598-1:2009-04

Product Descripton	Ground Recessed Luminaire
Body	Anodised Silver Aluminum Extruded Housing With Stainless Steel,Screw and Silicone Gaskets. Male-female Waterproof Connectors. Includes Recessing Box.
Diffuser	Polycarbonate Transparent, Frosted and Opal Diffuser
SDCM (MacAdam)	3
Colour Temperature	2700K/3000K/4000K
Life Time	50000h
Operating Temperature	-25°C/+50°C
LED	Nichia
Conformity	EN60598-1:2009-04



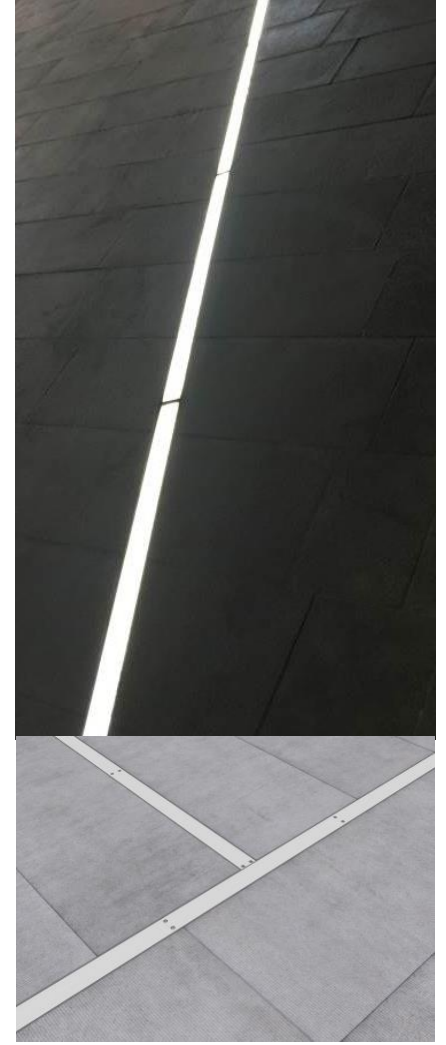
Ürün Kodu Product Code	Güç Power	Çıkış Işık Akısı Lumen Output	Verimlilik Efficiency	Işık Açısı Beam Angle	Işık Kaynağı Light Source	CRI	A (mm)	B (mm)	L (mm)
52014	6W	720Lm	120Lm/W	-	LED	+80	60	21	1000
52005	9W	1080Lm	120Lm/W	-	LED	+80	60	21	1000
52039	12W	1440Lm	120Lm/W	-	LED	+80	60	21	1000
52016	15W	1800Lm	120Lm/W	-	LED	+80	60	21	1000
52011	18W	2160Lm	120Lm/W	-	LED	+80	60	21	1000





## ÜRÜN ÖZELLİKLERİ/PRODUCT SPECIFICATIONS

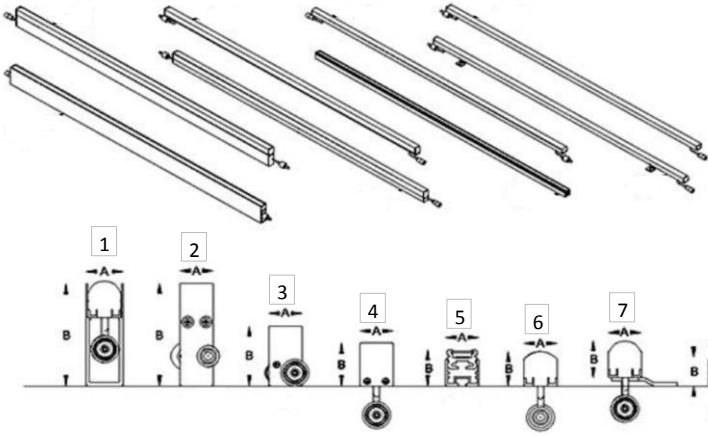
Ürün Tanımı	Yere Gömme Armatür	Product Descripton	Ground Recessed Luminaire
<b>Gövde</b>	Ekstrüzyon Anodize Alüminyum Gövde, Paslanmaz Çelik Civatalar,Silikon Conta Erkek-Dişi konektörler. Gömme Kutusu İçerir.	<b>Body</b>	Anodised Silver Aluminum Extruded Housing With Stainless Steel,Screw and Silicone Gaskets. Male-femalex Waterproof Connectors. Includes Recessing Box.
<b>Difüzör</b>	Polikarbon Şeffaf, Buzlu ve Opal Difüzör	<b>Difuser</b>	Polycarbonate Transparent, Frosted and Opal Diffuser
<b>SDCM (MacAdam)</b>	3	<b>SDCM (MacAdam)</b>	3
<b>Renk Sıcaklığı</b>	2700K/3000K/4000K	<b>Colour Temperature</b>	2700K/3000K/4000K
<b>Ömür</b>	50000h	<b>Life Time</b>	50000h
<b>Çalışma Sıcaklığı</b>	-25°C/+50°C	<b>Operating Temperature</b>	-25°C/+50°C
<b>LED</b>	Nichia	<b>LED</b>	Nichia
<b>Uygunluk</b>	EN60598-1:2009-04	<b>Conformity</b>	EN60598-1:2009-04



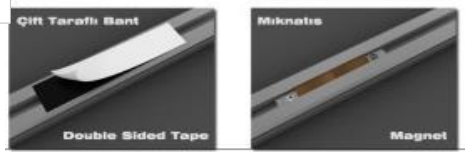
Ürün Kodu Product Code	Güç Power	Çıkış Işık Akısı Lumen Output	Verimlilik Efficiency	Işık Açısı Beam Angle	Işık Kaynağı Light Source	CRI	A (mm)	B (mm)	C (mm)
52042	6W	720Lm	120Lm/W	-	LED	+80	∞	49	85
52043	9W	1080Lm	120Lm/W	-	LED	+80	∞	49	85
52044	12W	1440Lm	120Lm/W	-	LED	+80	∞	49	85







A(mm)	B(mm)
1: 18,9	60
2: 18,9	60
3: 18,9	35,2
4: 18,9	25,2
5: 18,9	21,4
6: 18,9	20,5
7: 18,9	21,5
8: 18,9	17

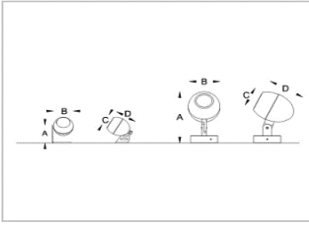


## ÜRÜN ÖZELLİKLERİ/PRODUCT SPECIFICATIONS

Ürün Tanımı	Lineer LED	Product Descripton	LED Line
Gövde	Anodize Alüminyum Ekstrüzyon Paslanmaz Çelik Civatala	Body	Anodized Aluminum Extrusion Body, Stainless Steel Screws, Mounting Elements
Difüzör	Opal , Şeffaf ,Beyaz Polikarbon	Diffuser	Opal, Transparent, White Polycarbon
Lens	120°	Lens	120°
SDCM (MacAdam)	3	SDCM (MacAdam)	3
Renk Sıcaklığı	2700K/3000K/4000K	Colour Temperature	2700K/3000K/4000K
Ömür	50000h	Life Time	50000h
Çalışma Sıcaklığı	-25°C/+50°C	Operating Temperature	-25°C/+50°C
LED	Nichia	LED	Nichia
Uygunluk	EN60598-1:2009-04	Conformity	EN60598-1:2009-04

Ürün Kodu Product Code	Güç Power	Çıkış Işık Akısı Lumen Output	Verimlilik Efficiency	Işık Açısı Beam Angle	Işık Kaynağı Light Source	CRI	A (mm)	B (mm)	L (mm)
62273	10W/M	1200Lm	120Lm/W	120	LED	+80			
62274	14W/M	1680Lm	120Lm/W	120	LED	+80			
62275	16W/M	1920Lm	120Lm/W	120	LED	+80			
62276	18W/M	2160Lm	120Lm/W	120	LED	+80			





## ÜRÜN ÖZELLİKLERİ/PRODUCT SPECIFICATIONS

Ürün Tanımı	Projektör
Gövde	Elektrostatiktoz Boyalı Alüminyum Gövde, Paslanmaz Çelik Civatalar,Silikon Conta
Difüzör	Temperli Şeffaf Cam
Lens Dereceleri	10°-25°-40°-60°-80°
SDCM (MacAdam)	3
Renk Sıcaklığı	2700K/3000K/4000K
Ömür	50000h
Çalışma Sıcaklığı	-25°C/+50°C
LED	Nichia
Uygunluk	TSEN60598 -2-2

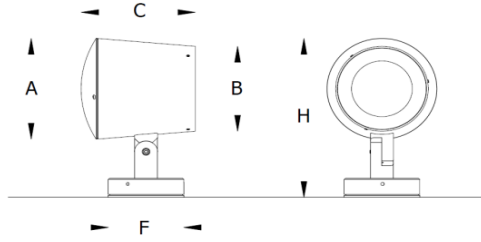
Product Desription	Projector
Body	Electrostatic Powder Coated Aluminum Body, Stainless Steel Screws,Silicone Gasket
Diffuser	Tempered Transparent Glass
Optics	10°-25°-40°-60°-80°
SDCM (MacAdam)	3
Colour Temperature	2700K/3000K/4000K
Life Time	50000h
Operating Temperature	-25°C/+50°C
LED	Nichia
Conformity	TSEN60598 -2-2

## ÇİM KAZIĞI



Ürün Kodu Product Code	Güç Power	Çıkış Işık Akısı Lumen Output	Verimlilik Efficiency	Işık Açısı Beam Angle	Işık Kaynağı Light Source	CRI	A (mm)	B (mm)	D (mm)
58028	3W	360Lm	120Lm/W	-	LED	+80	90	87	92
58029	6W	720Lm	120Lm/W	-	LED	+80	175	140	170
58030	9W	1080Lm	120Lm/W	-	LED	+80	175	140	170





**ÜRÜN ÖZELLİKLERİ/PRODUCT SPECIFICATIONS**

<b>Ürün Tanımı</b>	Projektör
<b>Gövde</b>	Elektrostatiktoz Boyalı Alüminyum Gövde, Paslanmaz Çelik Civatalar,Silikon Conta
<b>Difüzör</b>	Termal-şok dayanıklı temperli cam
<b>Lens Dereceleri</b>	30° - 45° - 60° - 80°
<b>SDCM (MacAdam)</b>	3
<b>Renk Sıcaklığı</b>	2700K/3000K/4000K/5000K/6000K
<b>Ömür</b>	50000h
<b>Çalışma Sıcaklığı</b>	-25°C/+50°C
<b>LED</b>	Nichia
<b>Uygunluk</b>	TS EN 60598-2-5

<b>Product Descripton</b>	Projector
<b>Body</b>	Electrostatic Powder Coated Aluminum Body, Stainless Steel Screws,Silicone Gasket
<b>Diffuser</b>	Thermal-shock resistant tempered glass
<b>Optics</b>	30° - 45° - 60° - 80°
<b>SDCM (MacAdam)</b>	3
<b>Colour Temperature</b>	2700K/3000K/4000K/5000K/6000K
<b>Life Time</b>	50000h
<b>Operating Temperature</b>	-25°C/+50°C
<b>LED</b>	Nichia
<b>Conformity</b>	TS EN 60598-2-5



**OPSİYONEL HONEYCOMB DİFÜZÖR**

Ürün Kodu Product Code	Güç Power	Çıkış Işık Akısı Lumen Output	Verimlilik Efficiency	Işık Açısı Beam Angle	Işık Kaynağı Light Source	CRI	A (mm)	B (mm)	C (mm)	H (mm)	F (mm)
58038	9W	1080Lm	120Lm/W	Simetrik/Eliptik/Asimetrik	LED	80-90-95	127	108	130	210	80
58039	18W	2160Lm	120Lm/W	Simetrik/Eliptik/Asimetrik	LED	80-90-95	127	108	130	210	80
58040	18W-36W	2160-4320Lm	120Lm/W	Simetrik/Eliptik/Asimetrik	LED	80-90-95	190	160	197	130	300
58041	53W	6360Lm	120Lm/W	Simetrik/Eliptik/Asimetrik	LED	80-90-95	190	160	197	130	300
58083	100W	11000Lm	110Lm/W	Simetrik/Eliptik/Asimetrik	LED	80-90-95	190	160	197	130	300

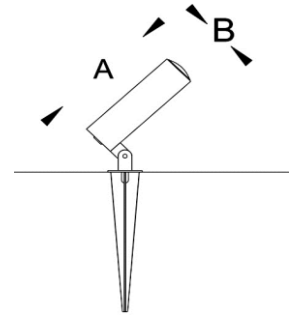




## ÜRÜN ÖZELLİKLERİ/PRODUCT SPECIFICATIONS

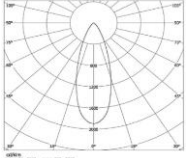
Ürün Tanımı	Projektör
Gövde	Elektrostatiktoz Boyalı Alüminyum Gövde, Paslanmaz Çelik Ayaklı
Difüzör	Polikarbon
Lens Dereceleri	10°-25°-40°-60°-80°
SDCM (MacAdam)	3
Renk Sıcaklığı	2700K/6500K
Ömür	50000h
Çalışma Sıcaklığı	-25°C/+50°C
LED	Nichia
Uygunluk	EN60598-1:2009-04

Product Descripton	Projector
Body	Electrostatic Powder Coated Aluminum Body, Stainless Steel Legs
Diffuser	Polikarbon
Optics	10°-25°-40°-60°-80°
SDCM (MacAdam)	3
Colour Temperature	2700K/6500K
Life Time	50000h
Operating Temperature	-25°C/+50°C
LED	Nichia
Conformity	EN60598-1:2009-04



Ürün Kodu Product Code	Güç Power	Çıkış Işık Akısı Lumen Output	Verimlilik Efficiency	Işık Açısı Beam Angle	Işık Kaynağı Light Source	CRI	A (mm)	B (mm)
58084	2W	240Lm	120Lm/W	Dar Açılı, Orta Açılı, Geniş	LED	+80	100	40
58085	2W	240Lm	120Lm/W	Dar Açılı, Orta Açılı, Geniş	LED	+80	130	40

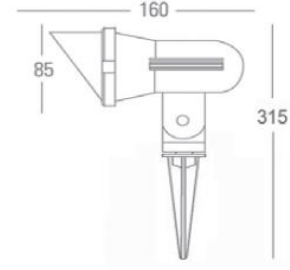




## ÜRÜN ÖZELLİKLERİ/PRODUCT SPECIFICATIONS

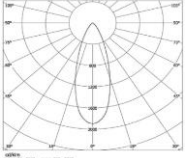
Ürün Tanımı	Çim Spot
Gövde	Elektrostatiktoz Boyalı Alüminyum Gövde, Paslanmaz Çelik Civatalar,Silikon Conta
Difüzör	Temperli Şeffaf Cam
SDCM (MacAdam)	3
Renk Sıcaklığı	2700K/3000K/4000K
Ömür	50000h
Çalışma Sıcaklığı	-25°C/+50°C
LED	
Uygunluk	TSEN60598 -2-2

Product Descripton	Grass Spot
Body	Electrostatic Powder Coated Aluminum Body, Stainless Steel Screws,Silicone Gasket
Diffuser	Tempered Transparent Glass
SDCM (MacAdam)	3
Colour Temperature	2700K/3000K/4000K
Life Time	50000h
Operating Temperature	-25°C/+50°C
LED	
Conformity	TSEN60598 -2-2



Ürün Kodu Product Code	Güç Power	Çıkış Işık Akısı Lumen Output	Verimlilik Efficiency	Işık Açısı Beam Angle	Işık Kaynağı Light Source	CRI	A (mm)	B (mm)	D (mm)
51003	5W	350Lm	70Lm/W	-	GU10	+80	160	85	315

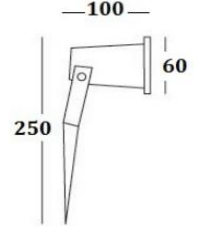




## ÜRÜN ÖZELLİKLERİ/PRODUCT SPECIFICATIONS

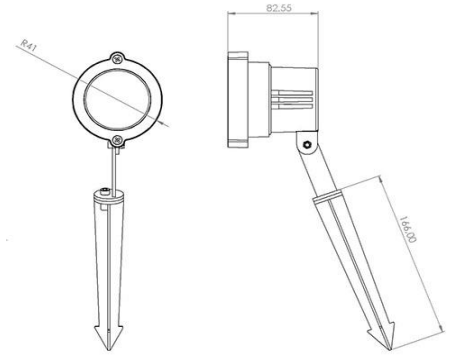
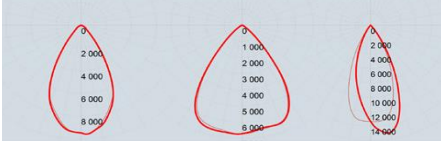
Ürün Tanımı	Çim Spot
Gövde	Elektrostatiktoz Boyalı Alüminyum Gövde, Paslanmaz Çelik Civatalar,Silikon Conta
Difüzör	Temperli Şeffaf Cam
SDCM (MacAdam)	3
Renk Sıcaklığı	2700K/3000K/4000K
Ömür	50000h
Çalışma Sıcaklığı	-25°C/+50°C
LED	
Uygunluk	TSEN60598 -2-2

Product Descripton	Grass Spot
Body	Electrostatic Powder Coated Aluminum Body, Stainless Steel Screws,Silicone Gasket
Diffuser	Tempered Transparent Glass
SDCM (MacAdam)	3
Colour Temperature	2700K/3000K/4000K
Life Time	50000h
Operating Temperature	-25°C/+50°C
LED	
Conformity	TSEN60598 -2-2



Ürün Kodu Product Code	Güç Power	Çıkış Işık Akısı Lumen Output	Verimlilik Efficiency	Işık Açısı Beam Angle	Işık Kaynağı Light Source	CRI	L (mm)	W (mm)	H (mm)
51008	5W	350Lm	70Lm/W	-	GU10	+80	100	60	250





## ÜRÜN ÖZELLİKLERİ/PRODUCT SPECIFICATIONS

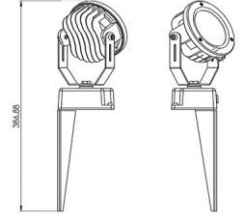
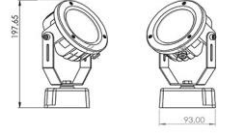
Ürün Tanımı	Çim Spot	Product Descripton	Grass Spot
Gövde	Alüminyum Gövde Elektrostatik Toz Boya Paslanmaz Vidalar	Body	Aluminum Body Elektrostatic Powder Paint Stainless Screws
Reflektör		Reflector	
Difüzör	PMMA	Diffuser	PMMA
SDCM (MacAdam)	3	SDCM (MacAdam)	3
Renk Sıcaklığı	3000K/4000K/5000K	Colour Temperature	3000K/4000K/5000K
Ömür	50000h	Life Time	50000h
Çalışma Sıcaklığı	-25°C / +50°C	Operating Temperature	-25°C / +50°C
LED	Osram/Tridonic/Nichia Samsung/Cree	LED	Osram/Tridonic/Nichia Samsung/Cree
Uygunluk	EN 60598-1 EN 60598-2-1	Conformity	EN 60598-1 EN 60598-2-1

Ürün Kodu Product Code	Güç Power	Çıkış Işık Akısı Lumen Output	Verimlilik Efficiency	Işık Açısı Beam Angle	Işık Kaynağı Light Source	CRI	Ø (mm)	W (mm)	H (mm)
51010	7W	1350Lm	190Lm/W	40°-60°-70°	LED	80	41	82.55	166





Symmetric



## ÜRÜN ÖZELLİKLERİ/PRODUCT SPECIFICATIONS

Ürün Tanımı	Çim Spot
Gövde	Elektrostatiktoz Boyalı Alüminyum Gövde, Paslanmaz Çelik Civatalar,Silikon Conta
Difüzör	Temperli Şeffaf Cam
Lens	PMMA
SDCM (MacAdam)	3
Renk Sıcaklığı	3000K/4000K
Ömür	50000h
Çalışma Sıcaklığı	-25°C/+50°C
LED	Nichia
Uygunluk	TSEN60598 -2-2

Product Desripton	Grass Spot
Body	Electrostatic Powder Coated Aluminum Body, Stainless Steel Screws,Silicone Gasket
Diffuser	Tempered Transparent Glass
Lens	PMMA
SDCM (MacAdam)	3
Colour Temperature	3000K/4000K
Life Time	50000h
Operating Temperature	-25°C/+50°C
LED	Nichia
Conformity	TSEN60598 -2-2

Ürün Kodu Product Code	Güç Power	Çıkış Işık Akısı Lumen Output	Verimlilik Efficiency	Işık Açısı Beam Angle	Işık Kaynağı Light Source	CRI	L (mm)	W (mm)	H (mm)
51011	20W	1450lm	72lm/W	Simetrik	LED	+80	197,65	93	387







## ÜRÜN ÖZELLİKLERİ/PRODUCT SPECIFICATIONS

ÜRÜN TANIMI	ÇİM SPOT	Product Desripton	Grass Spot
<b>Gövde</b>	Elektrostatiktoz Boyalı Alüminyum Gövde, Paslanmaz Çelik Civatalar,Silikon Conta	<b>Body</b>	Electrostatic Powder Coated Aluminum Body, Stainless Steel Screws,Silicone Gasket
<b>Difüzör</b>	Temperli Şeffaf Cam	<b>Diffuser</b>	Tempered Transparent Glass
<b>Lens Dereceleri</b>	10°-25°-40°-60°-80°	<b>Optics</b>	10°-25°-40°-60°-80°
<b>SDCM (MacAdam)</b>	3	<b>SDCM (MacAdam)</b>	3
<b>Renk Sıcaklığı</b>	2700K/3000K/4000K	<b>Colour Temperature</b>	2700K/3000K/4000K
<b>Ömür</b>	50000h	<b>Life Time</b>	50000h
<b>Çalışma Sıcaklığı</b>	-25°C/+50°C	<b>Operating Temperature</b>	-25°C/+50°C
<b>LED</b>	Nichia	<b>LED</b>	Nichia
<b>Uygunluk</b>	TSEN60598 -2-2	<b>Conformity</b>	TSEN60598 -2-2

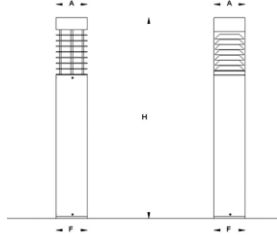
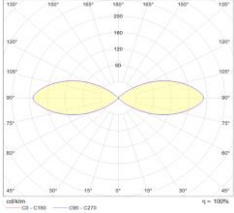
ÜRÜN KODU Product Code	GÜÇ Power	ÇIKIŞ IŞIK AKISI Lumen Output	VERİMLİLİK Efficiency	IŞIK AÇISI Beam Angle	IŞIK KAYNAĞI Light Source	CRI	A (mm)	B (mm)	D (mm)
58050	3W	360Lm	120Lm/W	-	LED	+80	90	87	92
58051	6W	720Lm	120Lm/W	-	LED	+80	175	140	170
58031	9W	1080Lm	120Lm/W	-	LED	+80	175	140	170
58032	12W	1440Lm	120Lm/W	-	LED	+80	175	140	170



*Bolard*



*Bollard*

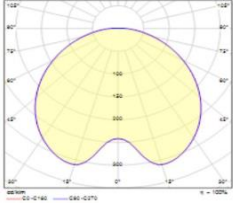
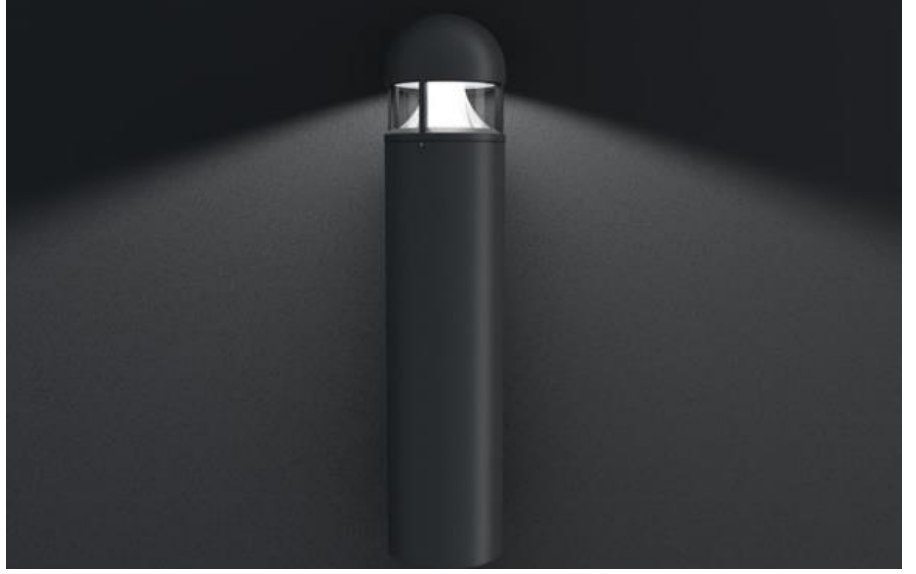


## ÜRÜN ÖZELLİKLERİ/PRODUCT SPECIFICATIONS

Ürün Tanımı	Bollard	Product Description	Bollard
Gövde	Alüminyum Enjeksiyon Paslanmaz Çelik Civatalar,	Body	Die-Cast Aluminum Stainless Steel Screw
Diffüzör	Opal, Buzlu , Prizmatik Akriklik	Diffuser	Opal, Icy, Prismatic Acrylic
SDCM (MacAdam)	3	SDCM (MacAdam)	3
Renk Sıcaklığı	2700K/3000K/4000K	Colour Temperature	2700K/3000K/4000K
Ömür	50000h	Life Time	50000h
Çalışma Sıcaklığı	-25°C/+50°C	Operating Temperature	-25°C/+50°C
LED	Nichia	LED	Nichia
Uygunluk	EN60598-1:2009-04	Conformity	EN60598-1:2009-04

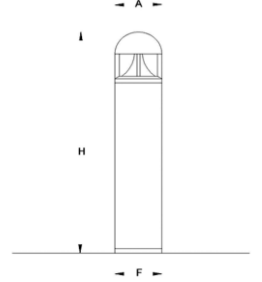
Ürün Kodu Product Code	Güç Power	Çıkış Işık Akısı Lumen Output	Verimlilik Efficiency	Işık Açısı Beam Angle	Işık Kaynağı Light Source	CRI	A (mm)	F (mm)	H (mm)
54017	9W	806Lm	89Lm/W	-	E27	+80	150	150	900





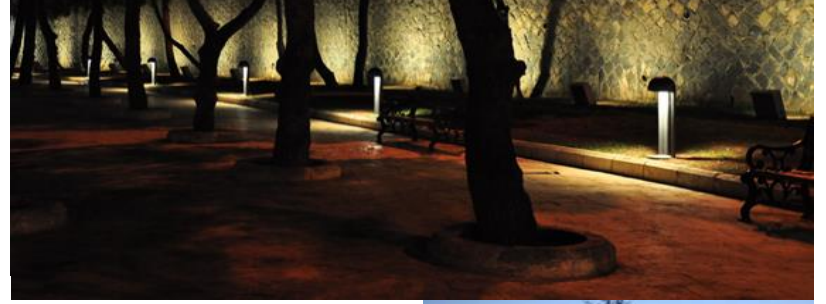
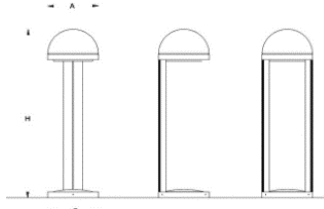
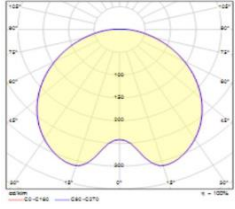
## ÜRÜN ÖZELLİKLERİ/PRODUCT SPECIFICATIONS

Ürün Tanımı	Bollard	Product Descripton	Bollard
Gövde	Alüminyum Enjeksiyon Paslanmaz Çelik Civatalar,Silikon Conta	Body	Die-Cast Aluminum Stainless Steel Screws,Silicone Rubber Gaskets
Diffüzör	PMMA	Diffuser	PMMA
SDCM (MacAdam)	3	SDCM (MacAdam)	3
Renk Sıcaklığı	2700K/3000K/4000K	Colour Temperature	2700K/3000K/4000K
Ömür	50000h	Life Time	50000h
Çalışma Sıcaklığı	-25°C/+50°C	Operating Temperature	-25°C/+50°C
LED	Nichia	LED	Nichia
Uygunluk	EN60598-1:2009-04	Conformity	EN60598-1:2009-04



Ürün Kodu Product Code	Güç Power	Çıkış Işık Akısı Lumen Output	Verimlilik Efficiency	Işık Açısı Beam Angle	Işık Kaynağı Light Source	CRI	A (mm)	F (mm)	H (mm)
54018	9W	1080Lm	120Lm/W	-	LED	+80	160	160	1000



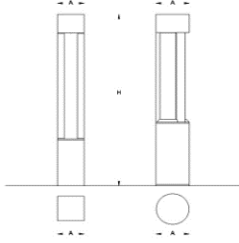
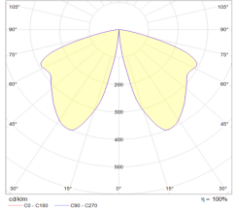
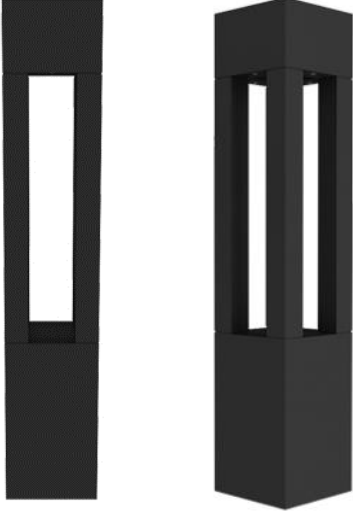


## ÜRÜN ÖZELLİKLERİ/PRODUCT SPECIFICATIONS

Ürün Tanımı	Bolard	Product Descripton	Bollard
Gövde	Alüminyum Enjeksiyon Paslanmaz Çelik Civatalar,Silikon Conta	Body	Die-Cast Aluminum Stainless Steel Screws,Silicone Rubber Gaskets
Diffüzör	Cam - PMMA, Şeffaf Veya Opal	Diffuser	Glass - PMMA, Transparent Or Opal
SDCM (MacAdam)	3	SDCM (MacAdam)	3
Renk Sıcaklığı	2700K/3000K/4000K	Colour Temperature	2700K/3000K/4000K
Ömür	50000h	Life Time	50000h
Çalışma Sıcaklığı	-25°C/+50°C	Operating Temperature	-25°C/+50°C
LED	Nichia	LED	Nichia
Uygunluk	EN60598-1:2009-04	Conformity	EN60598-1:2009-04

Ürün Kodu Product Code	Güç Power	Çıkış Işık Akısı Lumen Output	Verimlilik Efficiency	Işık Açısı Beam Angle	Işık Kaynağı Light Source	CRI	A (mm)	F (mm)	H (mm)
54019	9W	806Lm	89Lm/W	-	E27	+80	260	260	900



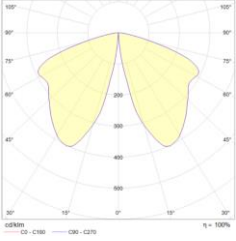


## ÜRÜN ÖZELLİKLERİ/PRODUCT SPECIFICATIONS

Ürün Tanımı	Bollard	Product Descripton	Bollard
Gövde	Alüminyum Enjeksiyon Paslanmaz Çelik Civatalar,Silikon Conta	Body	Die-Cast Aluminum Stainless Steel Screws,Silicone Rubber Gaskets
Difüzör	Temperli Cam	Diffuser	Tempered Glass
SDCM (MacAdam)	3	SDCM (MacAdam)	3
Renk Sıcaklığı	2700K/3000K/4000K	Colour Temperature	2700K/3000K/4000K
Ömür	50000h	Life Time	50000h
Çalışma Sıcaklığı	-25°C/+50°C	Operating Temperature	-25°C/+50°C
LED	Nichia	LED	Nichia
Uygunluk	EN60598-1:2009-04	Conformity	EN60598-1:2009-04

Ürün Kodu Product Code	Güç Power	Çıkış Işık Akısı Lumen Output	Verimlilik Efficiency	Işık Açısı Beam Angle	Işık Kaynağı Light Source	CRI	A (mm)	F (mm)	H (mm)
54020	9W	1080Lm	120Lm/W	-	LED	+80	150	150	1000





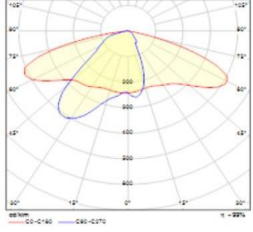
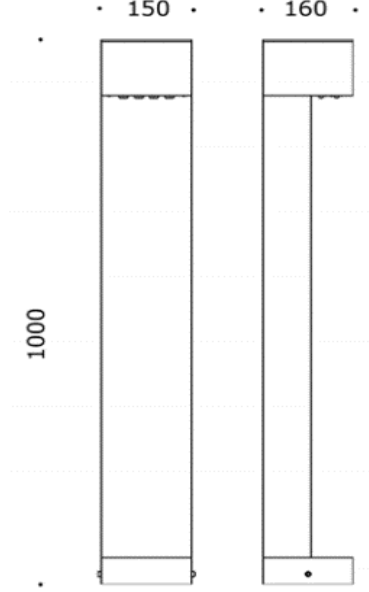
## ÜRÜN ÖZELLİKLERİ/PRODUCT SPECIFICATIONS

Ürün Tanımı	Bolard
Gövde	Alüminyum Elektrostatik Toz Boya Paslanmaz Vidalar
Reflektör	
Difüzör	
SDCM (MacAdam)	3
Renk Sıcaklığı	
Ömür	
Çalışma Sıcaklığı	- 25°C / +50°C
LED	
Uygunluk	EN 60598-1 EN 60598-2-1

Product Description	Bollard
Body	Aluminum Elektrostatik Toz Boya Stainless screws
Reflector	
Diffuser	
SDCM (MacAdam)	3
Colour Temperature	
Life Time	
Operating Temperature	- 25°C / +50°C
LED	
Conformity	EN 60598-1 EN 60598-2-1

Ürün Kodu Product Code	Güç Power	Çıkış Işık Akısı Lumen Output	Verimlilik Efficiency	Işık Açısı Beam Angle	Işık Kaynağı Light Source	CRI	Ø (mm)	H (mm)
54066	9W	806Lm	89Lm/W	-	E27	80	120	300
54067	9W	806Lm	89Lm/W	-	E27	80	120	600
54068	9W	806Lm	89Lm/W	-	E27	80	120	900
54069	9W	806Lm	89Lm/W	-	E27	80	120	∞
54070	9W	806Lm	89Lm/W	-	E27	80	150	300
54071	9W	806Lm	89Lm/W	-	E27	80	150	600
54072	9W	806Lm	89Lm/W	-	E27	80	150	900
54073	9W	806Lm	89Lm/W	-	E27	80	150	∞





## ÜRÜN ÖZELLİKLERİ/PRODUCT SPECIFICATIONS

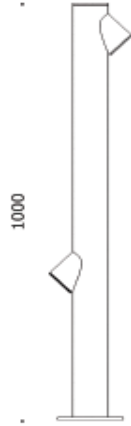
<b>Ürün Tanımı</b>	Bollard
<b>Gövde</b>	Alüminyum Elektrostatik Toz Boya Paslanmaz Vidalar
<b>Reflektör</b>	
<b>Difüzör</b>	Pmma Pleksi
<b>SDCM (MacAdam)</b>	3
<b>Renk Sıcaklığı</b>	3000K/4000K
<b>Ömür</b>	50000h
<b>Çalışma Sıcaklığı</b>	- 25°C / +50°C
<b>LED</b>	Osram/Tridonic/Nichia Samsung/Cree
<b>Uygunluk</b>	EN 60598-1 EN 60598-2-1

<b>Product Descripton</b>	Bollard
<b>Body</b>	Aluminum Elektrostatic Powder Coating Stainless screws
<b>Reflector</b>	
<b>Difuser</b>	Pmma Plexi
<b>SDCM (MacAdam)</b>	3
<b>Colour Temperature</b>	3000K/4000K
<b>Life Time</b>	50000h
<b>Operating Temperature</b>	- 25°C / +50°C
<b>LED</b>	Osram/Tridonic/Nichia Samsung/Cree
<b>Conformity</b>	EN 60598-1 EN 60598-2-1

Ürün Kodu Product Code	Güç Power	Çıkış Işık Akısı Lumen Output	Verimlilik Efficiency	Işık Açısı Beam Angle	Işık Kaynağı Light Source	CRI	L (mm)	W (mm)	H (mm)
54044	8W	600Lm	75Lm/W		LED	80	160	150	1000
54045	15W	1100Lm	75Lm/W		LED	80	160	150	1000



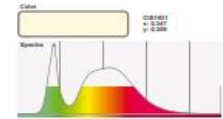
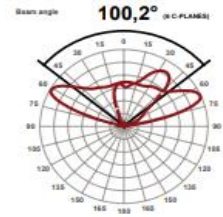




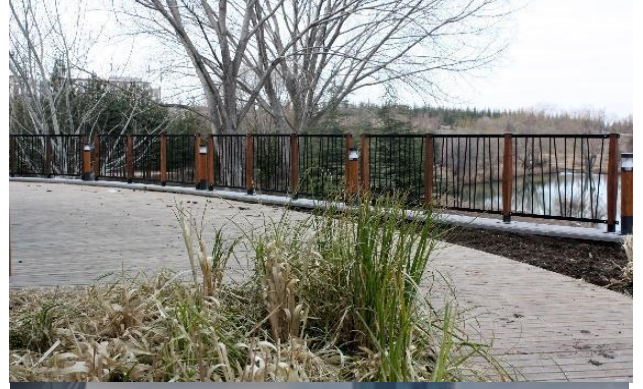
## ÜRÜN ÖZELLİKLERİ/PRODUCT SPECIFICATIONS

Ürün Tanımı	Bolard
Gövde	Alüminyum Gövde Elektrostatik Toz Boya Paslanmaz vidalar
Reflektör	
Difüzör	PMMA
SDCM (MacAdam)	3
Renk Sıcaklığı	3700K/4700K
Ömür	50000h
Çalışma Sıcaklığı	- 25°C / +50°C
LED	Osram/Tridonic/Nichia Samsung/Cree
Uygunluk	EN 60598-1 EN 60598-2-1

Product Descripton	Bollard
Body	Aluminum Body Elektrostatic Powder Paint Stainless screws
Reflector	
Diffuser	PMMA
SDCM (MacAdam)	3
Colour Temperature	3000K/4000K
Life Time	50000h
Operating Temperature	- 25°C / +50°C
LED	Osram/Tridonic/Nichia Samsung/Cree
Conformity	EN 60598-1 EN 60598-2-1

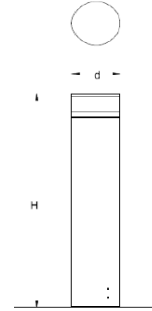


Ürün Kodu Product Code	Güç Power	Çıkış Işık Akısı Lumen Output	Verimlilik Efficiency	Işık Açısı Beam Angle	Işık Kaynağı Light Source	CRI	L (mm)	W (mm)	H (mm)
54054	5W	350Lm	70Lm/W		GU10	80	1000		
54055	10W	1200Lm	120Lm/W		LED	80	1000		



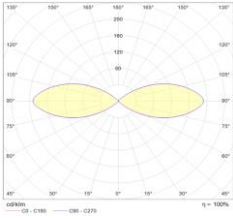
## ÜRÜN ÖZELLİKLERİ/PRODUCT SPECIFICATIONS

Ürün Tanımı	Bolard	Product Descripton	Bollard
Gövde	Alüminyum Enjeksiyon Paslanmaz Çelik Civatalar,Silikon Conta	Body	Die-Cast Aluminum Stainless Steel Screws,Silicone Rubber Gaskets
Diffüzör	Temperli Cam	Diffuser	Tempered Glass
SDCM (MacAdam)	3	SDCM (MacAdam)	3
Renk Sıcaklığı	2700K/3000K/4000K	Colour Temperature	2700K/3000K/4000K
Ömür	50000h	Life Time	50000h
Çalışma Sıcaklığı	-25°C/+50°C	Operating Temperature	-25°C/+50°C
LED	Nichia	LED	Nichia
Uygunluk	EN60598-1:2009-04	Conformity	EN60598-1:2009-04



Ürün Kodu Product Code	Güç Power	Çıkış Işık Akısı Lumen Output	Verimlilik Efficiency	Işık Açısı Beam Angle	Işık Kaynağı Light Source	CRI	D (mm)	H (mm)
54041	20W	1600LM	80Lm/W	-	LED	+80	200	800



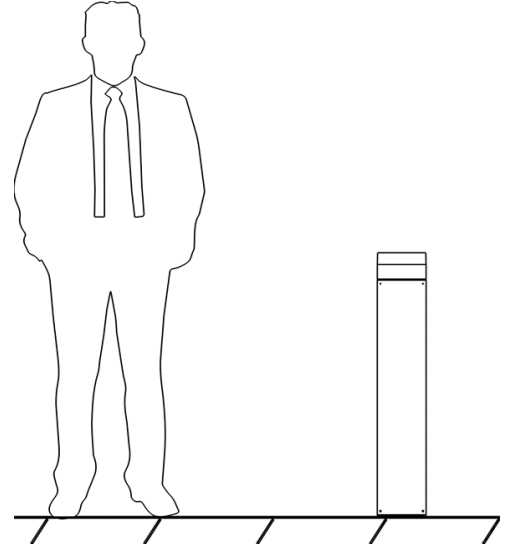


## ÜRÜN ÖZELLİKLERİ/PRODUCT SPECIFICATIONS

Ürün Tanımı	Bolard	Product Descripton	Bollard
Gövde	Alüminyum Enjeksiyon Paslanmaz Çelik Civatalar,	Body	Die-Cast Aluminum Stainless Steel Screw
Difüzör	Opal, Buzlu , Prizmatik Akrilik	Diffuser	Opal, Icy, Prismatic Acrylic
SDCM (MacAdam)	3	SDCM (MacAdam)	3
Renk Sıcaklığı	2700K/3000K/4000K	Colour Temperature	2700K/3000K/4000K
Ömür	50000h	Life Time	50000h
Çalışma Sıcaklığı	-25°C/+50°C	Operating Temperature	-25°C/+50°C
LED	Nichia	LED	Nichia
Uygunluk	EN60598-1:2009-04	Conformity	EN60598-1:2009-04

Ürün Kodu Product Code	Güç Power	Çıkış Işık Akısı Lumen Output	Verimlilik Efficiency	Işık Açısı Beam Angle	Işık Kaynağı Light Source	CRI	L (mm)	W (mm)	H (mm)
50051	9W	806Lm	89Lm/W	-	E27	+80	130	700	





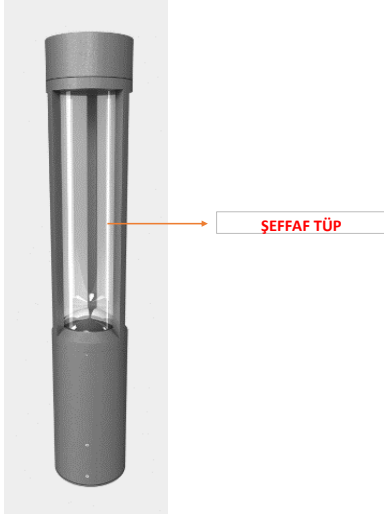
## ÜRÜN ÖZELLİKLERİ/PRODUCT SPECIFICATIONS

Ürün Tanımı	Bolard
Gövde	Alüminyum Elektrostatik Toz Boya Paslanmaz Vidalar
Reflektör	
Difüzör	PMMA
SDCM (MacAdam)	3
Renk Sıcaklığı	
Ömür	
Çalışma Sıcaklığı	- 25°C / +50°C
LED	Nichia
Uygunluk	EN 60598-1 EN 60598-2-1

Product Description	Bollard
Body	Aluminum Elektrostatic Powder Coating Stainless screws
Reflector	
Diffuser	PMMA
SDCM (MacAdam)	3
Colour Temperature	
Life Time	
Operating Temperature	- 25°C / +50°C
LED	Nichia
Conformity	EN 60598-1 EN 60598-2-1

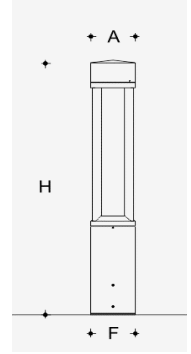
Ürün Kodu Product Code	Güç Power	Çıkış Işık Akısı Lumen Output	Verimlilik Efficiency	Işık Açısı Beam Angle	Işık Kaynağı Light Source	CRI	Ø (mm)	H (mm)
54063	5W	600Lm	120Lm/W	-	LED	80	120	300-800
54064	7W	840Lm	120Lm/W	-	LED	80	120	400-1000
54065	9W	1000Lm	110Lm/W	-	LED	80	150	500-1500





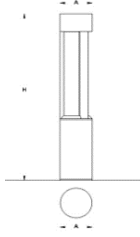
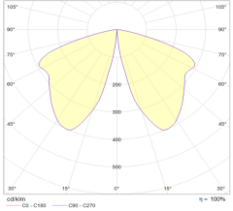
## ÜRÜN ÖZELLİKLERİ/PRODUCT SPECIFICATIONS

Ürün Tanımı	Bolard	Product Descripton	Bollard
Gövde	Alüminyum Enjeksiyon Paslanmaz Çelik Civatalar,Silikon Conta	Body	Die-Cast Aluminum Stainless Steel Screws,Silicone Rubber Gaskets
Diffüzör	PC - PMMA (Şeffaf, Opal, Buzlu)	Diffuser	PC - PMMA (Transparent, Opal, Frosted)
SDCM (MacAdam)	3	SDCM (MacAdam)	3
Renk Sıcaklığı	2700K/3000K/4000K	Colour Temperature	2700K/3000K/4000K
Ömür	50000h	Life Time	50000h
Çalışma Sıcaklığı	-25°C/+50°C	Operating Temperature	-25°C/+50°C
LED	Nichia	LED	Nichia
Uygunluk	EN60598-1:2009-04	Conformity	EN60598-1:2009-04



Ürün Kodu Product Code	Güç Power	Çıkış Işık Akısı Lumen Output	Verimlilik Efficiency	Işık Açısı Beam Angle	Işık Kaynağı Light Source	CRI	A (mm)	F (mm)	H (mm)
54124	18W	1980Lm	120Lm/W	Simetrik-Asimetrik	LED	+80	160	160	900-1200



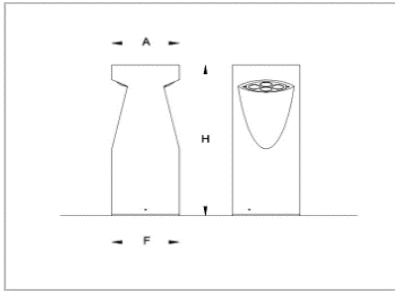
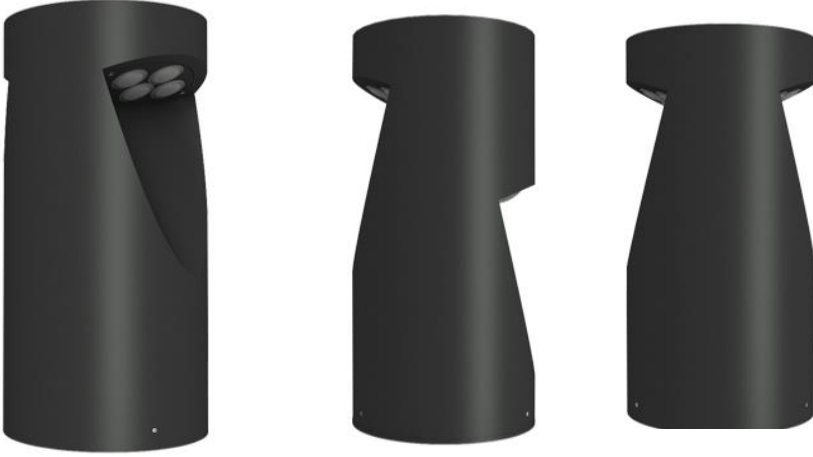


## ÜRÜN ÖZELLİKLERİ/PRODUCT SPECIFICATIONS

<b>Ürün Tanımı</b>	Bollard	<b>Product Descripton</b>	Bollard
<b>Gövde</b>	Alüminyum Enjeksiyon Paslanmaz Çelik Civatalar,Silikon Conta	<b>Body</b>	Die-Cast Aluminum Stainless Steel Screws,Silicone Rubber Gaskets
<b>Difüzör</b>	Temperli Cam	<b>Diffuser</b>	Tempered Glass
<b>SDCM (MacAdam)</b>	3	<b>SDCM (MacAdam)</b>	3
<b>Renk Sıcaklığı</b>	2700K/3000K/4000K	<b>Colour Temperature</b>	2700K/3000K/4000K
<b>Ömür</b>	50000h	<b>Life Time</b>	50000h
<b>Çalışma Sıcaklığı</b>	-25°C/+50°C	<b>Operating Temperature</b>	-25°C/+50°C
<b>LED</b>	Nichia	<b>LED</b>	Nichia
<b>Uygunluk</b>	EN60598-1:2009-04	<b>Conformity</b>	EN60598-1:2009-04

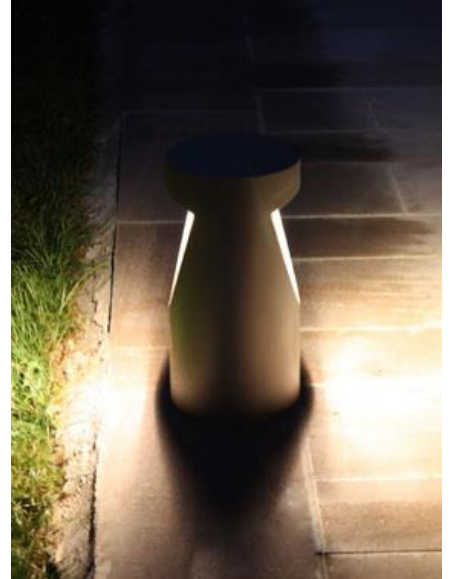
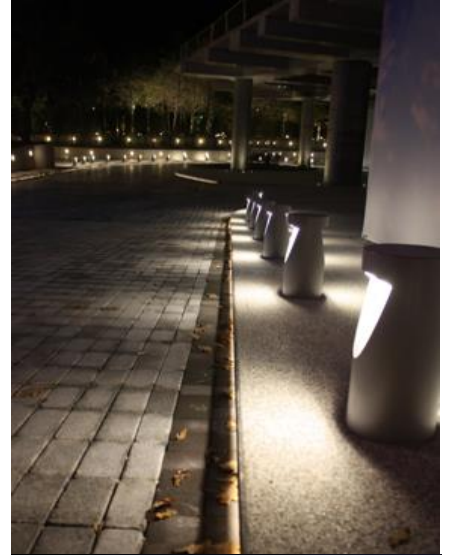
Ürün Kodu Product Code	Güç Power	Çıkış Işık Akısı Lumen Output	Verimlilik Efficiency	Işık Açısı Beam Angle	Işık Kaynağı Light Source	CRI	A (mm)	F (mm)	H (mm)
54021	9W	1080Lm	120Lm/W	-	LED	+80	160	160	1000
54022	16W	1920Lm	120Lm/W	-	LED	+80	200	200	1000





## ÜRÜN ÖZELLİKLERİ/PRODUCT SPECIFICATIONS

<b>Ürün Tanımı</b>	Bollard	<b>Product Descripton</b>	Bollard
<b>Gövde</b>	Alüminyum Enjeksiyon Paslanmaz Çelik Civatalar,Silikon Conta	<b>Body</b>	Die-Cast Aluminum Stainless Steel Screws,Silicone Rubber Gaskets
<b>Difüzör</b>	Şeffaf Akrilik	<b>Diffuser</b>	Transparent Acrylic
<b>SDCM (MacAdam)</b>	3	<b>SDCM (MacAdam)</b>	3
<b>Renk Sıcaklığı</b>	2700K/3000K/4000K	<b>Colour Temperature</b>	2700K/3000K/4000K
<b>Ömür</b>	50000h	<b>Life Time</b>	50000h
<b>Çalışma Sıcaklığı</b>	-25°C/+50°C	<b>Operating Temperature</b>	-25°C/+50°C
<b>LED</b>	Nichia	<b>LED</b>	Nichia
<b>Uygunluk</b>	EN60598-1:2009-04	<b>Conformity</b>	EN60598-1:2009-04



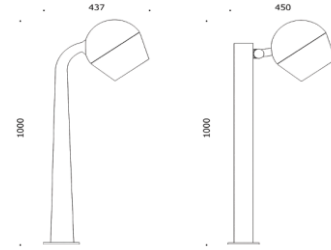
Ürün Kodu Product Code	Güç Power	Çıkış Işık Akısı Lumen Output	Verimlilik Efficiency	Işık Açısı Beam Angle	Işık Kaynağı Light Source	CRI	A (mm)	F (mm)	H (mm)
54023	8x1W	960lm	120lm/W	SİMETRİK	LED	+80	200	200	500
54024	8x1W	960lm	120lm/W	ASİMETRİK	LED	+80	200	200	500





## ÜRÜN ÖZELLİKLERİ/PRODUCT SPECIFICATIONS

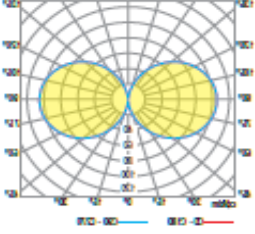
<b>Ürün Tanımı</b>	Bolard	<b>Product Description</b>	Bollard
<b>Gövde</b>	Alüminyum Gövde Elektrostatik Toz Boya Paslanmaz vidalar	<b>Body</b>	Aluminum Body Elektrostatic Powder Paint Stainless screws
<b>Reflektör</b>		<b>Reflector</b>	
<b>Difüzör</b>	PMMA	<b>Diffuser</b>	PMMA
<b>SDCM (MacAdam)</b>	3	<b>SDCM (MacAdam)</b>	3
<b>Renk Sıcaklığı</b>	3700K/4700K	<b>Colour Temperature</b>	3000K/4000K
<b>Ömür</b>	50000h	<b>Life Time</b>	50000h
<b>Çalışma Sıcaklığı</b>	- 25°C / +50°C	<b>Operating Temperature</b>	- 25°C / +50°C
<b>LED</b>	Osram/Tridonic/Nichia Samsung/Cree	<b>LED</b>	Osram/Tridonic/Nichia Samsung/Cree
<b>Uygunluk</b>	EN 60598-1 EN 60598-2-1	<b>Conformity</b>	EN 60598-1 EN 60598-2-1



Ürün Kodu Product Code	Güç Power	Çıkış Işık Akısı Lumen Output	Verimlilik Efficiency	Işık Açısı Beam Angle	Işık Kaynağı Light Source	CRI	L (mm)	W (mm)	H (mm)
54052	10W	1200Lm	120Lm/W		LED	80	450	437	1000
54053	15W	1800Lm	120Lm/W		LED	80	450	437	1000



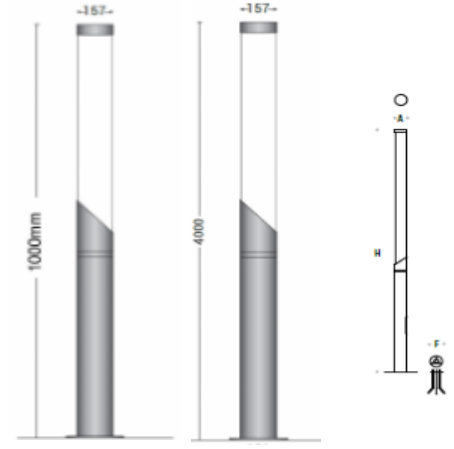




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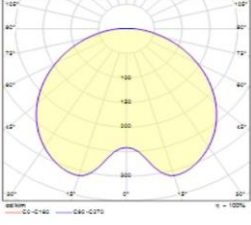
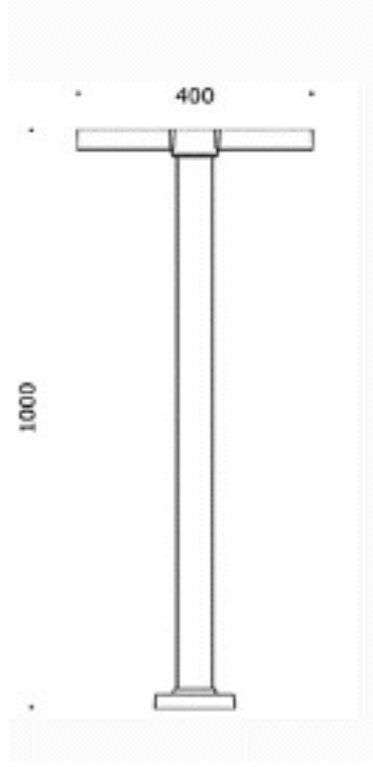
Ürün Tanımı	Bolard
Gövde	Alüminyum Gövde Elektrostatik Toz Boya Paslanmaz Vidalar
Reflektör	
Difüzör	Pmma
SDCM (MacAdam)	3
Renk Sıcaklığı	3000K/4000K
Ömür	50000h
Çalışma Sıcaklığı	- 25°C / +50°C
LED	Nichia
Uygunluk	EN 60598-1 EN 60598-2-1

Product Descripton	Bollard
Body	Aluminum Alloy Elektrostatic Powder Coating Stainless screws
Reflector	
Difuser	Pmma
SDCM (MacAdam)	3
Colour Temperature	3000K/4000K
Life Time	50000h
Operating Temperature	- 25°C / +50°C
LED	Nichia
Conformity	EN 60598-1 EN 60598-2-1



Ürün Kodu Product Code	Güç Power	Çıkış Işık Akısı Lumen Output	Verimlilik Efficiency	Işık Açısı Beam Angle	Işık Kaynağı Light Source	CRI	A (mm)	F (mm)	H (mm)
54074	10W	840Lm	84Lm/W	360°C	LED	80	157	157	1000
54075	15W	1260Lm	84Lm/W	360°C	LED	80	157	157	1500
54076	20W	1680Lm	84Lm/W	360°C	LED	80	157	157	1500
54077	20W	1680Lm	84Lm/W	360°C	LED	80	157	157	2500
54078	36W	3020Lm	84Lm/W	360°C	LED	80	157	157	2500
54079	36W	3020Lm	84Lm/W	360°C	LED	80	157	157	3000
54080	44W	3700Lm	84Lm/W	360°C	LED	80	157	157	3000
54081	36W	3020Lm	84Lm/W	360°C	LED	80	157	157	4000
54082	44W	3700Lm	84Lm/W	360°C	LED	80	157	157	4000
54083	54W	4500Lm	84Lm/W	360°C	LED	80	157	157	4000



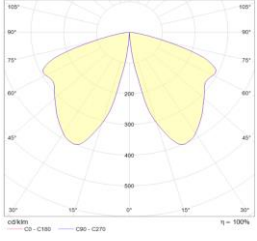
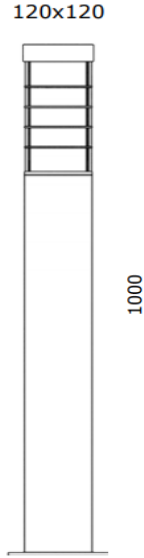


## ÜRÜN ÖZELLİKLERİ/PRODUCT SPECIFICATIONS

<b>Ürün Tanımı</b>	Bolard	<b>Product Descripton</b>	Bollard
<b>Gövde</b>	Alüminyum Enjeksiyon Gövde Elektrostatik Toz Boya Paslanmaz Vidalar	<b>Body</b>	Aluminum Housing Elektrostatic Powder Coating Stainless screws
<b>Reflektör</b>		<b>Reflector</b>	
<b>Difüzör</b>	Pmma	<b>Diffuser</b>	Pmma
<b>SDCM (MacAdam)</b>	3	<b>SDCM (MacAdam)</b>	3
<b>Renk Sıcaklığı</b>	3000K/4000K	<b>Colour Temperature</b>	3000K/4000K
<b>Ömür</b>	50000h	<b>Life Time</b>	50000h
<b>Çalışma Sıcaklığı</b>	- 25°C / +50°C	<b>Operating Temperature</b>	- 25°C / +50°C
<b>LED</b>	Osram/Tridonic/Nichia Samsung/Cree	<b>LED</b>	Osram/Tridonic/Nichia Samsung/Cree
<b>Uygunluk</b>	EN 60598-1 EN 60598-2-1	<b>Conformity</b>	EN 60598-1 EN 60598-2-1

Ürün Kodu Product Code	Güç Power	Çıkış Işık Akısı Lumen Output	Verimlilik Efficiency	Işık Açısı Beam Angle	Işık Kaynağı Light Source	CRI	L (mm)	W (mm)	H (mm)
54046	8W	600Lm	75Lm/W		LED	80	400	400	1000
54047	15W	1100Lm	75Lm/W		LED	80	400	400	1000





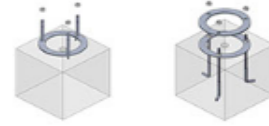
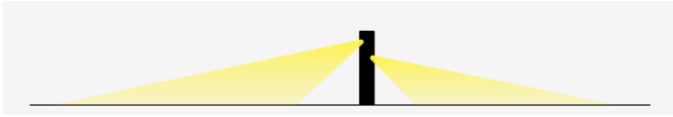
## ÜRÜN ÖZELLİKLERİ/PRODUCT SPECIFICATIONS

<b>Ürün Tanımı</b>	Bolard
<b>Gövde</b>	Alüminyum Elektrostatik Toz Boya Paslanmaz Vidalar
<b>Reflektör</b>	
<b>Difüzör</b>	Pmma Pleksi
<b>SDCM (MacAdam)</b>	3
<b>Renk Sıcaklığı</b>	3000K/4000K
<b>Ömür</b>	50000h
<b>Çalışma Sıcaklığı</b>	- 25°C / +50°C
<b>LED</b>	Osram/Tridonic/Nichia Samsung/Cree
<b>Uygunluk</b>	EN 60598-1 EN 60598-2-1

<b>Product Descripton</b>	Bollard
<b>Body</b>	Aluminum Elektrostatik Powder Coating Stainless screws
<b>Reflector</b>	
<b>Diffuser</b>	Pmma Plexi
<b>SDCM (MacAdam)</b>	3
<b>Colour Temperature</b>	3000K/4000K
<b>Life Time</b>	50000h
<b>Operating Temperature</b>	- 25°C / +50°C
<b>LED</b>	Osram/Tridonic/Nichia Samsung/Cree
<b>Conformity</b>	EN 60598-1 EN 60598-2-1

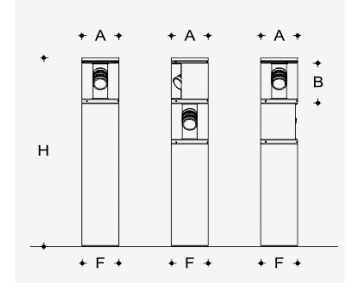
Ürün Kodu Product Code	Güç Power	Çıkış Işık Akısı Lumen Output	Verimlilik Efficiency	Işık Açısı Beam Angle	Işık Kaynağı Light Source	CRI	L (mm)	W (mm)	H (mm)
54042	13W	1495Lm	115Lm/W		LED	80	120	120	1000
54043	20W	2300Lm	115Lm/W		LED	80	120	120	1000





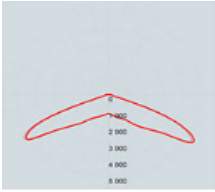
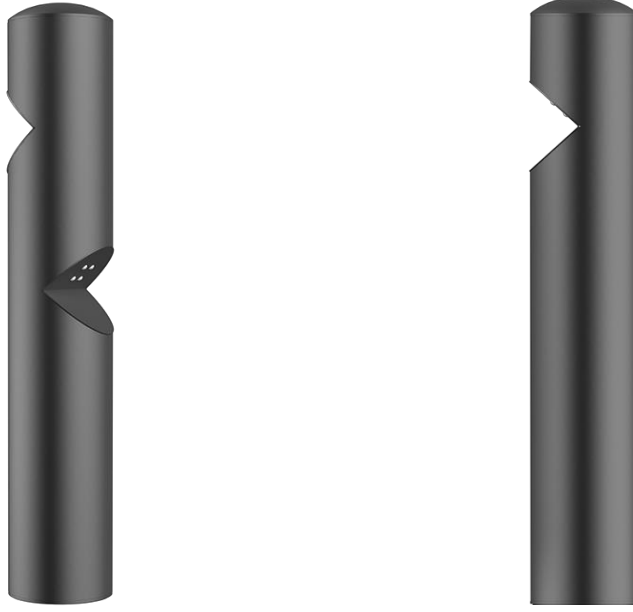
## ÜRÜN ÖZELLİKLERİ/PRODUCT SPECIFICATIONS

<b>Ürün Tanımı</b>	Bolard	<b>Product Descripton</b>	Bollard
<b>Gövde</b>	Alüminyum Elektrostatik Toz Boya Paslanmaz Vidalar	<b>Body</b>	Aluminum Elektrostatic Powder Coating Stainless screws
<b>Reflektör</b>		<b>Reflector</b>	
<b>Difüzör</b>	Pmma Pleksi	<b>Diffuser</b>	Pmma Plexi
<b>SDCM (MacAdam)</b>	3	<b>SDCM (MacAdam)</b>	3
<b>Renk Sıcaklığı</b>	3000K/4000K	<b>Colour Temperature</b>	3000K/4000K
<b>Ömür</b>	50000h	<b>Life Time</b>	50000h
<b>Çalışma Sıcaklığı</b>	- 25°C / +50°C	<b>Operating Temperature</b>	- 25°C / +50°C
<b>LED</b>	Osram/Tridonic/Nichia Samsung/Cree	<b>LED</b>	Osram/Tridonic/Nichia Samsung/Cree
<b>Uygunluk</b>	EN 60598-1 EN 60598-2-1	<b>Conformity</b>	EN 60598-1 EN 60598-2-1



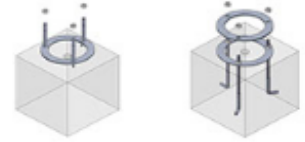
Ürün Kodu Product Code	Güç Power	Çıkış Işık Akısı Lumen Output	Verimlilik Efficiency	Işık Açısı Beam Angle	Işık Kaynağı Light Source	CRI	A (mm)	B (mm)	F (mm)	H (mm)
54122	1x12W	1200lm	100lm/W		LED	80	150	200	150	800-1200
54123	2X12W	2400lm	100lm/W		LED	80	150	200	150	800-1200





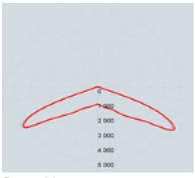
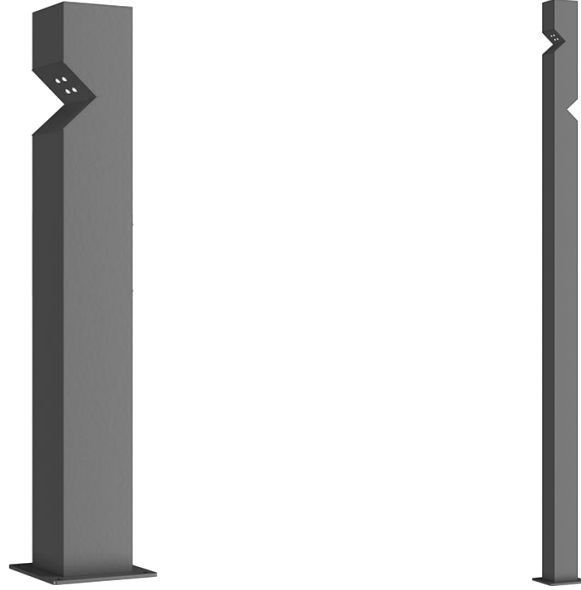
## ÜRÜN ÖZELLİKLERİ/PRODUCT SPECIFICATIONS

<b>Ürün Tanımı</b>	Bolard	<b>Product Descripton</b>	Bollard
<b>Gövde</b>	Alüminyum Elektrostatik Toz Boya Paslanmaz Vidalar	<b>Body</b>	Aluminum Elektrostatic Powder Coating Stainless screws
<b>Reflektör</b>		<b>Reflector</b>	
<b>Difüzör</b>	Pmma Pleksi	<b>Diffuser</b>	Pmma Plexi
<b>SDCM (MacAdam)</b>	3	<b>SDCM (MacAdam)</b>	3
<b>Renk Sıcaklığı</b>	3000K/4000K	<b>Colour Temperature</b>	3000K/4000K
<b>Ömür</b>	50000h	<b>Life Time</b>	50000h
<b>Çalışma Sıcaklığı</b>	- 25°C / +50°C	<b>Operating Temperature</b>	- 25°C / +50°C
<b>LED</b>	Osram/Tridonic/Nichia Samsung/Cree	<b>LED</b>	Osram/Tridonic/Nichia Samsung/Cree
<b>Uygunluk</b>	EN 60598-1 EN 60598-2-1	<b>Conformity</b>	EN 60598-1 EN 60598-2-1



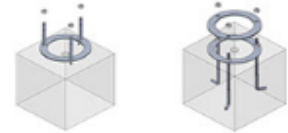
Ürün Kodu Product Code	Güç Power	Çıkış Işık Akısı Lumen Output	Verimlilik Efficiency	Işık Açısı Beam Angle	Işık Kaynağı Light Source	CRI	Ø (mm)	H (mm)
54084	5W	600Lm	120Lm/W		LED	80	120	300-800
54085	7W	840Lm	120Lm/W		LED	80	120	400-1000
54086	9W	1000Lm	110Lm/W		LED	80	150	500-1500





## ÜRÜN ÖZELLİKLERİ/PRODUCT SPECIFICATIONS

<b>Ürün Tanımı</b>	Bolard	<b>Product Descripton</b>	Bollard
<b>Gövde</b>	Alüminyum Elektrostatik Toz Boya Paslanmaz Vidalar	<b>Body</b>	Aluminum Elektrostatic Powder Coating Stainless screws
<b>Reflektör</b>		<b>Reflector</b>	
<b>Difüzör</b>	Pmma Pleksi	<b>Diffuser</b>	Pmma Plexi
<b>SDCM (MacAdam)</b>	3	<b>SDCM (MacAdam)</b>	3
<b>Renk Sıcaklığı</b>	3000K/4000K	<b>Colour Temperature</b>	3000K/4000K
<b>Ömür</b>	50000h	<b>Life Time</b>	50000h
<b>Çalışma Sıcaklığı</b>	- 25°C / +50°C	<b>Operating Temperature</b>	- 25°C / +50°C
<b>LED</b>	Osram/Tridonic/Nichia Samsung/Cree	<b>LED</b>	Osram/Tridonic/Nichia Samsung/Cree
<b>Uygunluk</b>	EN 60598-1 EN 60598-2-1	<b>Conformity</b>	EN 60598-1 EN 60598-2-1



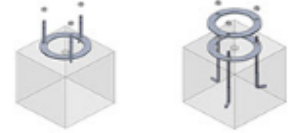
Ürün Kodu Product Code	Güç Power	Çıkış Işık Akısı Lumen Output	Verimlilik Efficiency	Işık Açısı Beam Angle	Işık Kaynağı Light Source	CRI	L (mm)	W (mm)	H (mm)
54087	5W	600Lm	120Lm/W		LED	80	120	120	300-800
54088	7W	840Lm	120Lm/W		LED	80	120	120	400-1000
54089	9W	1000Lm	110Lm/W		LED	80	120	120	500-1500





## ÜRÜN ÖZELLİKLERİ/PRODUCT SPECIFICATIONS

<b>Ürün Tanımı</b>	Bolard	<b>Product Descripton</b>	Bollard
<b>Gövde</b>	Alüminyum Elektrostatik Toz Boya Paslanmaz Vidalar	<b>Body</b>	Aluminum Elektrostatic Powder Coating Stainless screws
<b>Reflektör</b>		<b>Reflector</b>	
<b>Difüzör</b>	Pmma Pleksi	<b>Diffuser</b>	Pmma Plexi
<b>SDCM (MacAdam)</b>	3	<b>SDCM (MacAdam)</b>	3
<b>Renk Sıcaklığı</b>	3000K/4000K	<b>Colour Temperature</b>	3000K/4000K
<b>Ömür</b>	50000h	<b>Life Time</b>	50000h
<b>Çalışma Sıcaklığı</b>	- 25°C / +50°C	<b>Operating Temperature</b>	- 25°C / +50°C
<b>LED</b>	Osram/Tridonic/Nichia Samsung/Cree	<b>LED</b>	Osram/Tridonic/Nichia Samsung/Cree
<b>Uygunluk</b>	EN 60598-1 EN 60598-2-1	<b>Conformity</b>	EN 60598-1 EN 60598-2-1



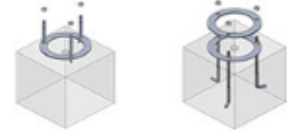
Ürün Kodu Product Code	Güç Power	Çıkış Işık Akısı Lumen Output	Verimlilik Efficiency	Işık Açısı Beam Angle	Işık Kaynağı Light Source	CRI	L (mm)	W (mm)	H (mm)
54090	4W	480Lm	120Lm/W		LED	80	120	120	1000
54091	8W	960Lm	120Lm/W		LED	80	120	120	1000





## ÜRÜN ÖZELLİKLERİ/PRODUCT SPECIFICATIONS

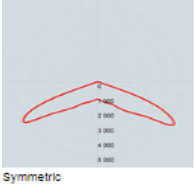
<b>Ürün Tanımı</b>	Bolard	<b>Product Descripton</b>	Bollard
<b>Gövde</b>	Alüminyum Elektrostatik Toz Boya Paslanmaz Vidalar	<b>Body</b>	Aluminum Elektrostatic Powder Coating Stainless screws
<b>Reflektör</b>		<b>Reflector</b>	
<b>Difüzör</b>	Pmma Pleksi	<b>Diffuser</b>	Pmma Plexi
<b>SDCM (MacAdam)</b>	3	<b>SDCM (MacAdam)</b>	3
<b>Renk Sıcaklığı</b>	3000K/4000K	<b>Colour Temperature</b>	3000K/4000K
<b>Ömür</b>	50000h	<b>Life Time</b>	50000h
<b>Çalışma Sıcaklığı</b>	- 25°C / +50°C	<b>Operating Temperature</b>	- 25°C / +50°C
<b>LED</b>	Osram/Tridonic/Nichia Samsung/Cree	<b>LED</b>	Osram/Tridonic/Nichia Samsung/Cree
<b>Uygunluk</b>	EN 60598-1 EN 60598-2-1	<b>Conformity</b>	EN 60598-1 EN 60598-2-1



Ürün Kodu Product Code	Güç Power	Çıkış Işık Akısı Lumen Output	Verimlilik Efficiency	Işık Açısı Beam Angle	Işık Kaynağı Light Source	CRI	L (mm)	W (mm)	H (mm)
54092	4W	480Lm	120Lm/W		LED	80	120	120	1000
54093	8W	960Lm	120Lm/W		LED	80	120	120	1000






**ÜRÜN ÖZELLİKLERİ/PRODUCT SPECIFICATIONS**

<b>Ürün Tanımı</b>	Bolard	<b>Product Descripton</b>	Bollard
<b>Gövde</b>	Alüminyum Elektrostatik Toz Boya Paslanmaz Vidalar	<b>Body</b>	Aluminum Elektrostatic Powder Coating Stainless screws
<b>Reflektör</b>		<b>Reflector</b>	
<b>Difüzör</b>	Pmma Pleksi	<b>Diffuser</b>	Pmma Plexi
<b>SDCM (MacAdam)</b>	3	<b>SDCM (MacAdam)</b>	3
<b>Renk Sıcaklığı</b>	3000K/4000K	<b>Colour Temperature</b>	3000K/4000K
<b>Ömür</b>	50000h	<b>Life Time</b>	50000h
<b>Çalışma Sıcaklığı</b>	- 25°C / +50°C	<b>Operating Temperature</b>	- 25°C / +50°C
<b>LED</b>	Osram/Tridonic/Nichia Samsung/Cree	<b>LED</b>	Osram/Tridonic/Nichia Samsung/Cree
<b>Uygunluk</b>	EN 60598-1 EN 60598-2-1	<b>Conformity</b>	EN 60598-1 EN 60598-2-1



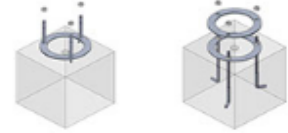
Ürün Kodu Product Code	Güç Power	Çıkış Işık Akısı Lumen Output	Verimlilik Efficiency	Işık Açısı Beam Angle	Işık Kaynağı Light Source	CRI	L (mm)	W (mm)	H (mm)
54094	4W	480Lm	120Lm/W		LED	80	150	150	750
54095	8W	960Lm	120Lm/W		LED	80	150	150	750





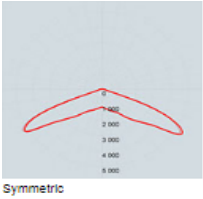
## ÜRÜN ÖZELLİKLERİ/PRODUCT SPECIFICATIONS

<b>Ürün Tanımı</b>	Bollard	<b>Product Descripton</b>	Bollard
<b>Gövde</b>	Alüminyum Elektrostatik Toz Boya Paslanmaz Vidalar	<b>Body</b>	Aluminum Elektrostatic Powder Coating Stainless screws
<b>Reflektör</b>		<b>Reflector</b>	
<b>Difüzör</b>	Pmma Pleksi	<b>Diffuser</b>	Pmma Plexi
<b>SDCM (MacAdam)</b>	3	<b>SDCM (MacAdam)</b>	3
<b>Renk Sıcaklığı</b>	3000K/4000K	<b>Colour Temperature</b>	3000K/4000K
<b>Ömür</b>	50000h	<b>Life Time</b>	50000h
<b>Çalışma Sıcaklığı</b>	- 25°C / +50°C	<b>Operating Temperature</b>	- 25°C / +50°C
<b>LED</b>	Osram/Tridonic/Nichia Samsung/Cree	<b>LED</b>	Osram/Tridonic/Nichia Samsung/Cree
<b>Uygunluk</b>	EN 60598-1 EN 60598-2-1	<b>Conformity</b>	EN 60598-1 EN 60598-2-1



Ürün Kodu Product Code	Güç Power	Çıkış Işık Akısı Lumen Output	Verimlilik Efficiency	Işık Açısı Beam Angle	Işık Kaynağı Light Source	CRI	L (mm)	W (mm)	H (mm)
54096	4W	480Lm	120Lm/W		LED	80	120	120	1000
54097	8W	960Lm	120Lm/W		LED	80	120	120	1000





## ÜRÜN ÖZELLİKLERİ/PRODUCT SPECIFICATIONS

<b>Ürün Tanımı</b>	Bolard	<b>Product Descripton</b>	Bollard
<b>Gövde</b>	Alüminyum Elektrostatik Toz Boya Paslanmaz Vidalar	<b>Body</b>	Aluminum Elektrostatic Powder Coating Stainless screws
<b>Reflektör</b>		<b>Reflector</b>	
<b>Difüzör</b>	Pmma Pleksi	<b>Diffuser</b>	Pmma Plexi
<b>SDCM (MacAdam)</b>	3	<b>SDCM (MacAdam)</b>	3
<b>Renk Sıcaklığı</b>	3000K/4000K	<b>Colour Temperature</b>	3000K/4000K
<b>Ömür</b>	50000h	<b>Life Time</b>	50000h
<b>Çalışma Sıcaklığı</b>	- 25°C / +50°C	<b>Operating Temperature</b>	- 25°C / +50°C
<b>LED</b>	Osram/Tridonic/Nichia Samsung/Cree	<b>LED</b>	Osram/Tridonic/Nichia Samsung/Cree
<b>Uygunluk</b>	EN 60598-1 EN 60598-2-1	<b>Conformity</b>	EN 60598-1 EN 60598-2-1

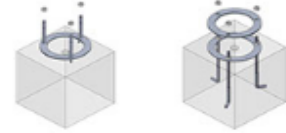
Ürün Kodu Product Code	Güç Power	Çıkış Işık Akısı Lumen Output	Verimlilik Efficiency	Işık Açısı Beam Angle	Işık Kaynağı Light Source	CRI	Ø (mm)	H (mm)
54098	4W	480Lm	120Lm/W		LED	80	150	1000
54099	8W	960Lm	120Lm/W		LED	80	150	1000





## ÜRÜN ÖZELLİKLERİ/PRODUCT SPECIFICATIONS

<b>Ürün Tanımı</b>	Bolard	<b>Product Descripton</b>	Bollard
<b>Gövde</b>	Alüminyum Elektrostatik Toz Boya Paslanmaz Vidalar	<b>Body</b>	Aluminum Elektrostatic Powder Coating Stainless screws
<b>Reflektör</b>		<b>Reflector</b>	
<b>Difüzör</b>	Pmma Pleksi	<b>Diffuser</b>	Pmma Plexi
<b>SDCM (MacAdam)</b>	3	<b>SDCM (MacAdam)</b>	3
<b>Renk Sıcaklığı</b>	3000K/4000K	<b>Colour Temperature</b>	3000K/4000K
<b>Ömür</b>	50000h	<b>Life Time</b>	50000h
<b>Çalışma Sıcaklığı</b>	- 25°C / +50°C	<b>Operating Temperature</b>	- 25°C / +50°C
<b>LED</b>	Osram/Tridonic/Nichia Samsung/Cree	<b>LED</b>	Osram/Tridonic/Nichia Samsung/Cree
<b>Uygunluk</b>	EN 60598-1 EN 60598-2-1	<b>Conformity</b>	EN 60598-1 EN 60598-2-1



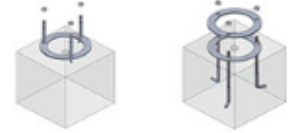
Ürün Kodu Product Code	Güç Power	Çıkış Işık Akısı Lumen Output	Verimlilik Efficiency	Işık Açısı Beam Angle	Işık Kaynağı Light Source	CRI	L (mm)	W (mm)	H (mm)
54100	6W	720Lm	120Lm/W		LED	80	120	60	1000
54101	12W	1440Lm	120Lm/W		LED	80	120	60	1000
54102	24W	2880Lm	120Lm/W		LED	80	120	60	1000





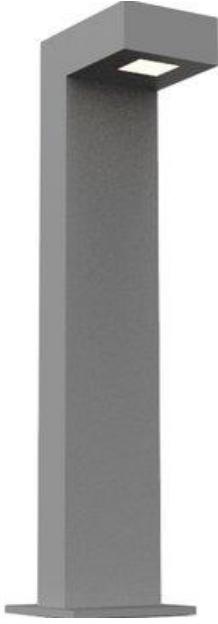
## ÜRÜN ÖZELLİKLERİ/PRODUCT SPECIFICATIONS

<b>Ürün Tanımı</b>	Bolard	<b>Product Descripton</b>	Bollard
<b>Gövde</b>	Alüminyum Elektrostatik Toz Boya Paslanmaz Vidalar	<b>Body</b>	Aluminum Elektrostatic Powder Coating Stainless screws
<b>Reflektör</b>		<b>Reflector</b>	
<b>Difüzör</b>	Pmma Pleksi	<b>Diffuser</b>	Pmma Plexi
<b>SDCM (MacAdam)</b>	3	<b>SDCM (MacAdam)</b>	3
<b>Renk Sıcaklığı</b>	3000K/4000K	<b>Colour Temperature</b>	3000K/4000K
<b>Ömür</b>	50000h	<b>Life Time</b>	50000h
<b>Çalışma Sıcaklığı</b>	- 25°C / +50°C	<b>Operating Temperature</b>	- 25°C / +50°C
<b>LED</b>	Osram/Tridonic/Nichia Samsung/Cree	<b>LED</b>	Osram/Tridonic/Nichia Samsung/Cree
<b>Uygunluk</b>	EN 60598-1 EN 60598-2-1	<b>Conformity</b>	EN 60598-1 EN 60598-2-1



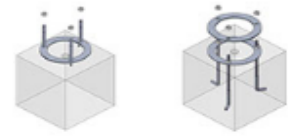
Ürün Kodu Product Code	Güç Power	Çıkış Işık Akısı Lumen Output	Verimlilik Efficiency	Işık Açısı Beam Angle	Işık Kaynağı Light Source	CRI	L (mm)	W (mm)	H (mm)
54103	6W	720Lm	120Lm/W		LED	80	150	150	800
54104	12W	1440Lm	120Lm/W		LED	80	150	150	800
54105	24W	2880Lm	120Lm/W		LED	80	150	150	800





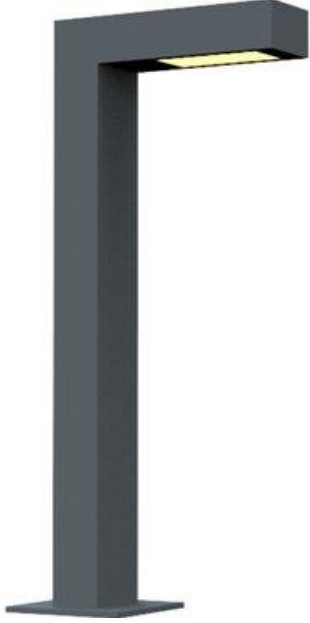
## ÜRÜN ÖZELLİKLERİ/PRODUCT SPECIFICATIONS

<b>Ürün Tanımı</b>	Bollard	<b>Product Descripton</b>	Bollard
<b>Gövde</b>	Alüminyum Elektrostatik Toz Boya Paslanmaz Vidalar	<b>Body</b>	Aluminum Elektrostatic Powder Coating Stainless screws
<b>Reflektör</b>		<b>Reflector</b>	
<b>Difüzör</b>	Pmma Pleksi	<b>Diffuser</b>	Pmma Plexi
<b>SDCM (MacAdam)</b>	3	<b>SDCM (MacAdam)</b>	3
<b>Renk Sıcaklığı</b>	3000K/4000K	<b>Colour Temperature</b>	3000K/4000K
<b>Ömür</b>	50000h	<b>Life Time</b>	50000h
<b>Çalışma Sıcaklığı</b>	- 25°C / +50°C	<b>Operating Temperature</b>	- 25°C / +50°C
<b>LED</b>	Osram/Tridonic/Nichia Samsung/Cree	<b>LED</b>	Osram/Tridonic/Nichia Samsung/Cree
<b>Uygunluk</b>	EN 60598-1 EN 60598-2-1	<b>Conformity</b>	EN 60598-1 EN 60598-2-1



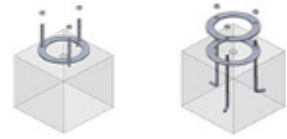
Ürün Kodu Product Code	Güç Power	Çıkış Işık Akısı Lumen Output	Verimlilik Efficiency	Işık Açısı Beam Angle	Işık Kaynağı Light Source	CRI	L (mm)	W (mm)	H (mm)
54106	4W	480Lm	120Lm/W		LED	80	120	60	1000
54107	8W	960Lm	120Lm/W		LED	80	120	60	1000
54108	12W	1440Lm	120Lm/W		LED	80	120	60	1000





## ÜRÜN ÖZELLİKLERİ/PRODUCT SPECIFICATIONS

<b>Ürün Tanımı</b>	Bollard	<b>Product Descripton</b>	Bollard
<b>Gövde</b>	Alüminyum Elektrostatik Toz Boya Paslanmaz Vidalar	<b>Body</b>	Aluminum Elektrostatic Powder Coating Stainless screws
<b>Reflektör</b>		<b>Reflector</b>	
<b>Difüzör</b>	Pmma Pleksi	<b>Diffuser</b>	Pmma Plexi
<b>SDCM (MacAdam)</b>	3	<b>SDCM (MacAdam)</b>	3
<b>Renk Sıcaklığı</b>	3000K/4000K	<b>Colour Temperature</b>	3000K/4000K
<b>Ömür</b>	50000h	<b>Life Time</b>	50000h
<b>Çalışma Sıcaklığı</b>	- 25°C / +50°C	<b>Operating Temperature</b>	- 25°C / +50°C
<b>LED</b>	Osram/Tridonic/Nichia Samsung/Cree	<b>LED</b>	Osram/Tridonic/Nichia Samsung/Cree
<b>Uygunluk</b>	EN 60598-1 EN 60598-2-1	<b>Conformity</b>	EN 60598-1 EN 60598-2-1



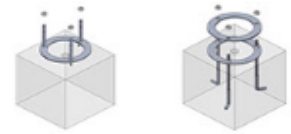
Ürün Kodu Product Code	Güç Power	Çıkış Işık Akısı Lumen Output	Verimlilik Efficiency	Işık Açısı Beam Angle	Işık Kaynağı Light Source	CRI	L (mm)	W (mm)	H (mm)
54109	4W	480Lm	120Lm/W		LED	80	100	100	1000
54110	8W	960Lm	120Lm/W		LED	80	100	100	1000
54111	12W	1440Lm	120Lm/W		LED	80	100	100	1000





## ÜRÜN ÖZELLİKLERİ/PRODUCT SPECIFICATIONS

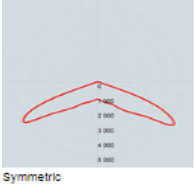
<b>Ürün Tanımı</b>	Bolard	<b>Product Descripton</b>	Bollard
<b>Gövde</b>	Alüminyum Elektrostatik Toz Boya Paslanmaz Vidalar	<b>Body</b>	Aluminum Elektrostatic Powder Coating Stainless screws
<b>Reflektör</b>		<b>Reflector</b>	
<b>Difüzör</b>	Pleksi	<b>Diffuser</b>	Plexi
<b>SDCM (MacAdam)</b>	3	<b>SDCM (MacAdam)</b>	3
<b>Renk Sıcaklığı</b>	3000K/4000K	<b>Colour Temperature</b>	3000K/4000K
<b>Ömür</b>	50000h	<b>Life Time</b>	50000h
<b>Çalışma Sıcaklığı</b>	- 25°C / +50°C	<b>Operating Temperature</b>	- 25°C / +50°C
<b>LED</b>	Osram/Tridonic/Nichia Samsung/Cree	<b>LED</b>	Osram/Tridonic/Nichia Samsung/Cree
<b>Uygunluk</b>	EN 60598-1 EN 60598-2-1	<b>Conformity</b>	EN 60598-1 EN 60598-2-1



Ürün Kodu Product Code	Güç Power	Çıkış Işık Akısı Lumen Output	Verimlilik Efficiency	Işık Açısı Beam Angle	Işık Kaynağı Light Source	CRI	L (mm)	W (mm)	H (mm)
54112	12W	1440Lm	120Lm/W		LED	80	120	60	1000
54113	24W	2880Lm	120Lm/W		LED	80	120	60	1000
54114	30W	3600Lm	120Lm/W		LED	80	120	60	1000







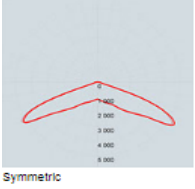
## ÜRÜN ÖZELLİKLERİ/PRODUCT SPECIFICATIONS

<b>Ürün Tanımı</b>	Bolard	<b>Product Descripton</b>	Bollard
<b>Gövde</b>	Alüminyum Elektrostatik Toz Boya Paslanmaz Vidalar	<b>Body</b>	Aluminum Elektrostatic Powder Coating Stainless screws
<b>Reflektör</b>		<b>Reflector</b>	
<b>Difüzör</b>	Pleksi	<b>Diffuser</b>	Plexi
<b>SDCM (MacAdam)</b>	3	<b>SDCM (MacAdam)</b>	3
<b>Renk Sıcaklığı</b>	3000K/4000K	<b>Colour Temperature</b>	3000K/4000K
<b>Ömür</b>	50000h	<b>Life Time</b>	50000h
<b>Çalışma Sıcaklığı</b>	- 25°C / +50°C	<b>Operating Temperature</b>	- 25°C / +50°C
<b>LED</b>	Osram/Tridonic/Nichia Samsung/Cree	<b>LED</b>	Osram/Tridonic/Nichia Samsung/Cree
<b>Uygunluk</b>	EN 60598-1 EN 60598-2-1	<b>Conformity</b>	EN 60598-1 EN 60598-2-1



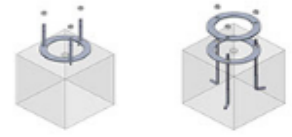
Ürün Kodu Product Code	Güç Power	Çıkış Işık Akısı Lumen Output	Verimlilik Efficiency	Işık Açısı Beam Angle	Işık Kaynağı Light Source	CRI	L (mm)	W (mm)	H (mm)
54115	12W	1440Lm	120Lm/W		LED	80	150	80	800
54116	24W	2880Lm	120Lm/W		LED	80	150	80	800
54117	30W	3600Lm	120Lm/W		LED	80	150	80	800





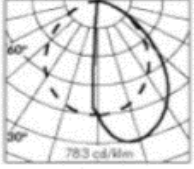
## ÜRÜN ÖZELLİKLERİ/PRODUCT SPECIFICATIONS

<b>Ürün Tanımı</b>	Bolard	<b>Product Descripton</b>	Bollard
<b>Gövde</b>	Alüminyum Elektrostatik Toz Boya Paslanmaz Vidalar	<b>Body</b>	Aluminum Elektrostatic Powder Coating Stainless screws
<b>Reflektör</b>		<b>Reflector</b>	
<b>Difüzör</b>	Pleksi	<b>Diffuser</b>	Plexi
<b>SDCM (MacAdam)</b>	3	<b>SDCM (MacAdam)</b>	3
<b>Renk Sıcaklığı</b>	3000K/4000K	<b>Colour Temperature</b>	3000K/4000K
<b>Ömür</b>	50000h	<b>Life Time</b>	50000h
<b>Çalışma Sıcaklığı</b>	- 25°C / +50°C	<b>Operating Temperature</b>	- 25°C / +50°C
<b>LED</b>	Osram/Tridonic/Nichia Samsung/Cree	<b>LED</b>	Osram/Tridonic/Nichia Samsung/Cree
<b>Uygunluk</b>	EN 60598-1 EN 60598-2-1	<b>Conformity</b>	EN 60598-1 EN 60598-2-1



Ürün Kodu Product Code	Güç Power	Çıkış Işık Akısı Lumen Output	Verimlilik Efficiency	Işık Açısı Beam Angle	Işık Kaynağı Light Source	CRI	L (mm)	W (mm)	H (mm)
54118	12W	1440Lm	120Lm/W		LED	80	150	80	1000
54119	24W	2880Lm	120Lm/W		LED	80	150	80	1000



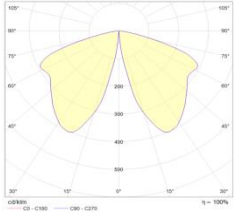


## ÜRÜN ÖZELLİKLERİ/PRODUCT SPECIFICATIONS

Ürün Tanımı	Bolard	Product Descripton	Bollard
Gövde	Alüminyum Enjeksiyon Paslanmaz Çelik Civatalar,Silikon Conta	Body	Die-Cast Aluminum Stainless Steel Screws,Silicone Rubber Gaskets
Difüzör	PMMA	Diffuser	PMMA
SDCM (MacAdam)	3	SDCM (MacAdam)	3
Renk Sıcaklığı	2700K/3000K/4000K	Colour Temperature	2700K/3000K/4000K
Ömür	50000h	Life Time	50000h
Çalışma Sıcaklığı	-25°C/+50°C	Operating Temperature	-25°C/+50°C
LED	Nichia	LED	Nichia
Uygunluk	EN60598-1:2009-04	Conformity	EN60598-1:2009-04

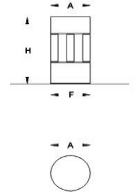
Ürün Kodu Product Code	Güç Power	Çıkış Işık Akısı Lumen Output	Verimlilik Efficiency	Işık Açısı Beam Angle	Işık Kaynağı Light Source	CRI	W (mm)	L (mm)	H (mm)
54057	15W	980lm	65lm/W	-	LED	+80	85-43	290	290
54059	15W	980lm	65lm/W	-	LED	+80	85-43	290	∞



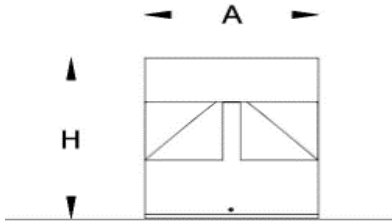
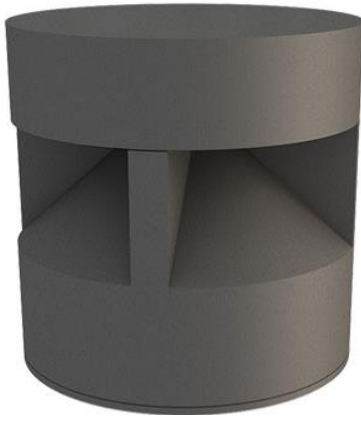


## ÜRÜN ÖZELLİKLERİ/PRODUCT SPECIFICATIONS

Ürün Tanımı	Bolard	Product Descripton	Bollard
Gövde	Alüminyum Enjeksiyon Paslanmaz Çelik Civatalar,Silikon Conta	Body	Die-Cast Aluminum Stainless Steel Screws,Silicone Rubber Gaskets
Diffüzör	PMMA	Diffuser	PMMA
SDCM (MacAdam)	3	SDCM (MacAdam)	3
Renk Sıcaklığı	2700K/3000K/4000K	Colour Temperature	2700K/3000K/4000K
Ömür	50000h	Life Time	50000h
Çalışma Sıcaklığı	-25°C/+50°C	Operating Temperature	-25°C/+50°C
LED	Nichia	LED	Nichia
Uygunluk	EN60598-1:2009-04	Conformity	EN60598-1:2009-04



Ürün Kodu Product Code	Güç Power	Çıkış Işık Akısı Lumen Output	Verimlilik Efficiency	Işık Açısı Beam Angle	Işık Kaynağı Light Source	CRI	A (mm)	F (mm)	H (mm)
54027	6W	720Lm	120Lm/W	-	LED	+80	160	160	300
54028	12W	1440Lm	120Lm/W	-	LED	+80	160	160	300



## ÜRÜN ÖZELLİKLERİ/PRODUCT SPECIFICATIONS

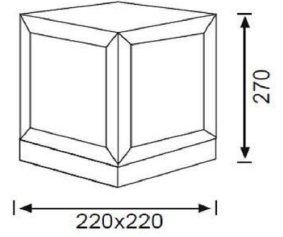
Ürün Tanımı	Bolard	Product Descripton	Bollard
Gövde	Alüminyum Enjeksiyon Paslanmaz Çelik Civatalar,Silikon Conta	Body	Die-Cast Aluminum Stainless Steel Screws,Silicone Rubber Gaskets
Difüzör	Şeffaf Cam	Diffuser	Transparent Glass
SDCM (MacAdam)	3	SDCM (MacAdam)	3
Renk Sıcaklığı	2700K/3000K/4000K	Colour Temperature	2700K/3000K/4000K
Ömür	50000h	Life Time	50000h
Çalışma Sıcaklığı	-25°C/+50°C	Operating Temperature	-25°C/+50°C
LED	Nichia	LED	Nichia
Uygunluk	EN60598-1:2009-04	Conformity	EN60598-1:2009-04

Ürün Kodu Product Code	Güç Power	Çıkış Işık Akısı Lumen Output	Verimlilik Efficiency	Işık Açısı Beam Angle	Işık Kaynağı Light Source	CRI	A (mm)	H (mm)
54029	6W	720Lm	120Lm/W	-	LED	+80	200	220
54030	12W	1440Lm	120Lm/W	-	LED	+80	200	220



## ÜRÜN ÖZELLİKLERİ/PRODUCT SPECIFICATIONS

Ürün Tanımı	Bollard	Product Descripton	Bollard
Gövde	Alüminyum Enjeksiyon Elektrostatik Toz Boya	Body	Die-Cast Aluminum Elektrostatic Powder Coating
Diffüzör	Opal Polikarbonat	Diffuser	Opal Polycarbonate
SDCM (MacAdam)	3	SDCM (MacAdam)	
Renk Sıcaklığı	3000K	Colour Temperature	3000K
Ömür	50000h	Life Time	50000h
Çalışma Sıcaklığı	-25°C/+50°C	Operating Temperature	-25°C/+50°C
LED		LED	
Uygunluk	EN60598-1:2009-04	Conformity	EN60598-1:2009-04



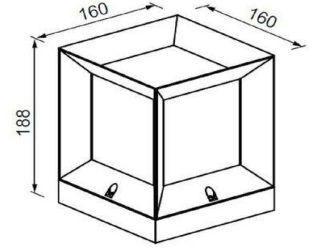
Ürün Kodu Product Code	Güç Power	Çıkış Işık Akısı Lumen Output	Verimlilik Efficiency	Işık Açısı Beam Angle	Işık Kaynağı Light Source	CRI	A (mm)	B (mm)	C (mm)
61001	23W	Lm	Lm/W	-	E27	+80	220	220	270





## ÜRÜN ÖZELLİKLERİ/PRODUCT SPECIFICATIONS

<b>Ürün Tanımı</b>	Bollard	<b>Product Descripton</b>	Bollard
<b>Gövde</b>	Alüminyum Enjeksiyon Elektrostatik Toz Boya	<b>Body</b>	Die-Cast Aluminum Elektrostatic Powder Coating
<b>Difüzör</b>	Opal Polikarbonat	<b>Diffuser</b>	Opal Polycarbonate
<b>SDCM (MacAdam)</b>	3	<b>SDCM (MacAdam)</b>	
<b>Renk Sıcaklığı</b>	3000K	<b>Colour Temperature</b>	3000K
<b>Ömür</b>	50000h	<b>Life Time</b>	50000h
<b>Çalışma Sıcaklığı</b>	-25°C/+50°C	<b>Operating Temperature</b>	-25°C/+50°C
<b>LED</b>		<b>LED</b>	
<b>Uygunluk</b>	EN60598-1:2009-04	<b>Conformity</b>	EN60598-1:2009-04



Ürün Kodu Product Code	Güç Power	Çıkış Işık Akısı Lumen Output	Verimlilik Efficiency	Işık Açısı Beam Angle	Işık Kaynağı Light Source	CRI	A (mm)	B (mm)	C (mm)
56018	20W	Lm	Lm/W	-	E27	+80	160	160	188

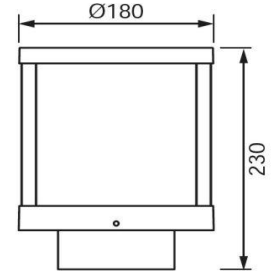






## ÜRÜN ÖZELLİKLERİ/PRODUCT SPECIFICATIONS

<b>Ürün Tanımı</b>	Bolard	<b>Product Descripton</b>	Bollard
<b>Gövde</b>	Alüminyum Enjeksiyon Elektrostatik Toz Boya	<b>Body</b>	Die-Cast Aluminum Elektrostatic Powder Coating
<b>Difüzör</b>		<b>Diffuser</b>	
<b>SDCM (MacAdam)</b>	3	<b>SDCM (MacAdam)</b>	
<b>Renk Sıcaklığı</b>	3000K	<b>Colour Temperature</b>	3000K
<b>Ömür</b>	50000h	<b>Life Time</b>	50000h
<b>Çalışma Sıcaklığı</b>	-25°C/+50°C	<b>Operating Temperature</b>	-25°C/+50°C
<b>LED</b>	Cree	<b>LED</b>	Cree
<b>Uygunluk</b>	EN60598-1:2009-04	<b>Conformity</b>	EN60598-1:2009-04



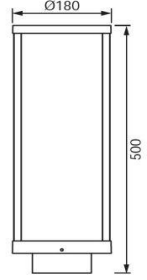
Ürün Kodu Product Code	Güç Power	Çıkış Işık Akısı Lumen Output	Verimlilik Efficiency	Işık Açısı Beam Angle	Işık Kaynağı Light Source	CRI	Ø (mm)	B (mm)
54005	12W	528Lm	45Lm/W	125°	LED	+80	180	230





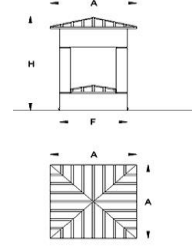
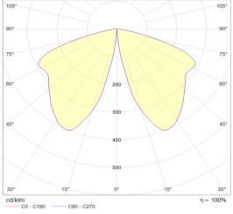
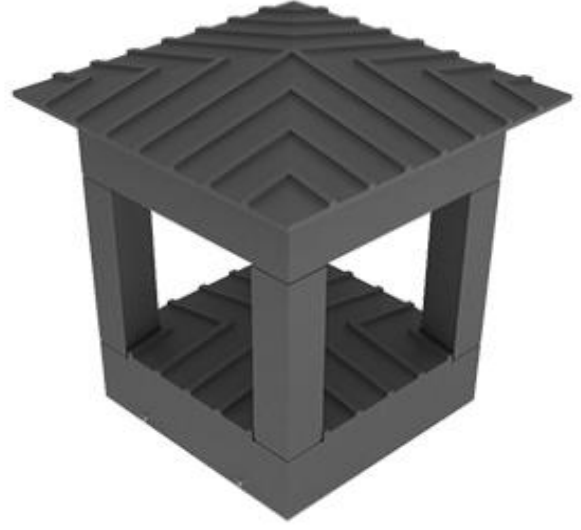
## ÜRÜN ÖZELLİKLERİ/PRODUCT SPECIFICATIONS

<b>Ürün Tanımı</b>	Bollard	<b>Product Descripton</b>	Bollard
<b>Gövde</b>	Alüminyum Enjeksiyon Elektrostatik Toz Boya	<b>Body</b>	Die-Cast Aluminum Elektrostatic Powder Coating
<b>Difüzör</b>		<b>Diffuser</b>	
<b>SDCM (MacAdam)</b>	3	<b>SDCM (MacAdam)</b>	
<b>Renk Sıcaklığı</b>	3000K	<b>Colour Temperature</b>	3000K
<b>Ömür</b>	50000h	<b>Life Time</b>	50000h
<b>Çalışma Sıcaklığı</b>	-25°C/+50°C	<b>Operating Temperature</b>	-25°C/+50°C
<b>LED</b>	Cree	<b>LED</b>	Cree
<b>Uygunluk</b>	EN60598-1:2009-04	<b>Conformity</b>	EN60598-1:2009-04



Ürün Kodu Product Code	Güç Power	Çıkış Işık Akısı Lumen Output	Verimlilik Efficiency	Işık Açısı Beam Angle	Işık Kaynağı Light Source	CRI	Ø (mm)	B (mm)
54006	12W	653Lm	55lm/W	125°	LED	+80	180	500

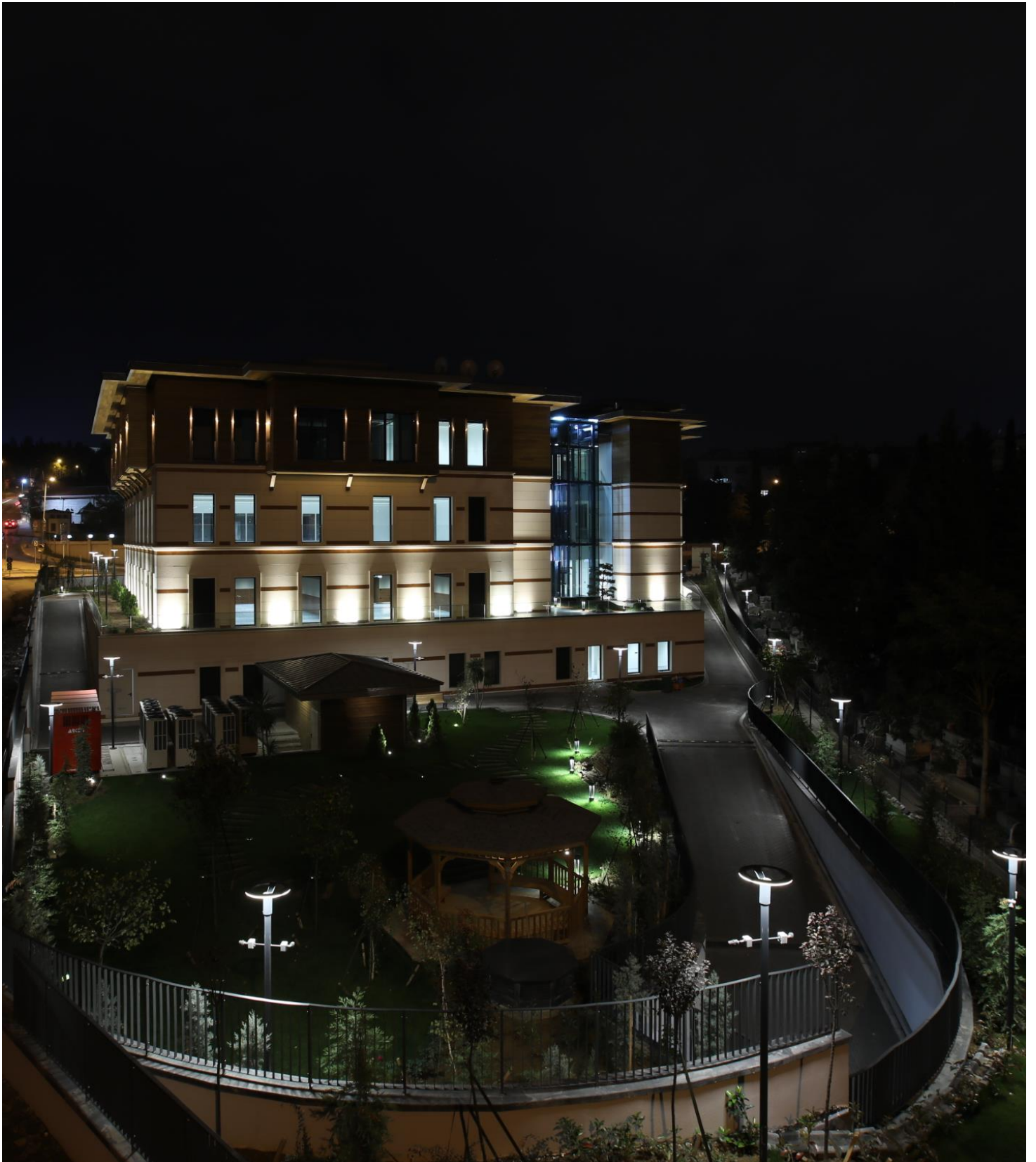




## ÜRÜN ÖZELLİKLERİ/PRODUCT SPECIFICATIONS

Ürün Tanımı	Bollard	Product Description	Bollard
Gövde	Alüminyum Enjeksiyon Paslanmaz Çelik Civatalar,Silikon Conta	Body	Die-Cast Aluminum Stainless Steel Screws,Silicone Rubber Gaskets
Diffüzör	PMMA	Diffuser	PMMA
SDCM (MacAdam)	3	SDCM (MacAdam)	3
Renk Sıcaklığı	2700K/3000K/4000K	Colour Temperature	2700K/3000K/4000K
Ömür	50000h	Life Time	50000h
Çalışma Sıcaklığı	-25°C/+50°C	Operating Temperature	-25°C/+50°C
LED	Nichia	LED	Nichia
Uygunluk	EN60598-1:2009-04	Conformity	EN60598-1:2009-04

Ürün Kodu Product Code	Güç Power	Çıkış Işık Akısı Lumen Output	Verimlilik Efficiency	Işık Açısı Beam Angle	Işık Kaynağı Light Source	CRI	A (mm)	F (mm)	H (mm)
54025	6W	720Lm	120Lm/W	-	LED	+80	320	250	400
54026	12W	1440Lm	120Lm/W	-	LED	+80	320	250	400



*Wallwasher*



**SOHO**  
Light Design

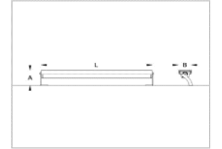
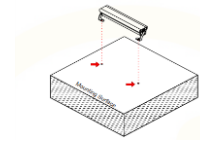
*Wallwasher*



## ÜRÜN ÖZELLİKLERİ/PRODUCT SPECIFICATIONS

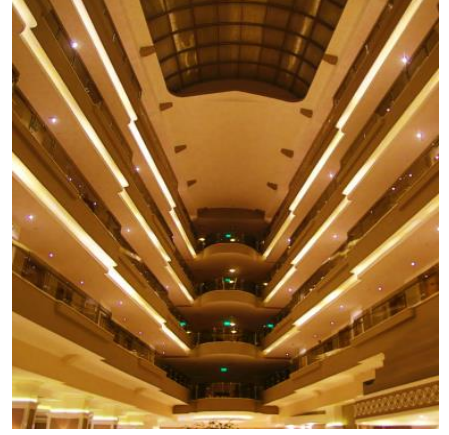
<b>Ürün Tanımı</b>	Projektör
<b>Gövde</b>	Ekstrüzyon Anodize Alüminyum Gövde, Paslanmaz Çelik Civatalar,Silikon Conta Erkek-Dişi Konektörler.
<b>Difüzör</b>	Polikarbon Difüzör
<b>Lens Dereceleri</b>	10°-25°- 40°-60°-80°-10°x60°-15°x30°-30°x60°-60°x30°
<b>SDCM (MacAdam)</b>	3
<b>Renk Sıcaklığı</b>	2700K/3000K/4000K
<b>Ömür</b>	50000h
<b>Çalışma Sıcaklığı</b>	-25°C/+50°C
<b>LED</b>	Nichia
<b>Uygunluk</b>	EN60598-1:2009-04

<b>Product Descripton</b>	Projector
<b>Body</b>	Anodised Silver Aluminum Extruded Housing With Stainless Steel,Screw and Silicone Gaskets. Male-Female Waterproof Connectors.
<b>Diffuser</b>	Polycarbonate Diffuser
<b>Optics</b>	10°-25°- 40°-60°-80°-10°x60°-15°x30°-30°x60°-60°x30°
<b>SDCM (MacAdam)</b>	3
<b>Colour Temperature</b>	2700K/3000K/4000K
<b>Life Time</b>	50000h
<b>Operating Temperature</b>	-25°C/+50°C
<b>LED</b>	Nichia
<b>Conformity</b>	EN60598-1:2009-04



Ürün Kodu Product Code	Güç Power	Çıkış Işık Akısı Lumen Output	Verimlilik Efficiency	Işık Açısı Beam Angle	Işık Kaynağı Light Source	CRI	A (mm)	B (mm)	C (mm)
57007	9W	1080Lm	120Lm/W	Simetrik/Eliptik/Asimetrik	6 POWER LED	+80	75	59	185
57008	18W	2160Lm	120Lm/W	Simetrik/Eliptik/Asimetrik	12 POWER LED	+80	75	59	335
57009	27W	3240Lm	120Lm/W	Simetrik/Eliptik/Asimetrik	18 POWER LED	+80	75	59	485
57010	36W	4320Lm	120Lm/W	Simetrik/Eliptik/Asimetrik	24 POWER LED	+80	75	59	635
57011	45W	5400Lm	120Lm/W	Simetrik/Eliptik/Asimetrik	30 POWER LED	+80	75	59	785
57012	54W	6480Lm	120Lm/W	Simetrik/Eliptik/Asimetrik	36 POWER LED	+80	75	59	935
57013	9W	1080Lm	120Lm/W	Simetrik/Eliptik/Asimetrik	6 POWER LED	+80	75	59	285
57014	18W	2160Lm	120Lm/W	Simetrik/Eliptik/Asimetrik	12 POWER LED	+80	75	59	535
57015	27W	3240Lm	120Lm/W	Simetrik/Eliptik/Asimetrik	18 POWER LED	+80	75	59	785
57016	36W	4320Lm	120Lm/W	Simetrik/Eliptik/Asimetrik	24 POWER LED	+80	75	59	1035
57017	45W	5400Lm	120Lm/W	Simetrik/Eliptik/Asimetrik	30 POWER LED	+80	75	59	1285
57022	18W	1800Lm	100Lm/W	Simetrik/Eliptik/Asimetrik	18 POWER LED	+80	85	60	635





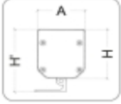
## ÜRÜN ÖZELLİKLERİ/PRODUCT SPECIFICATIONS

<b>Ürün Tanımı</b>	Kavisli Wallwasher	<b>Product Descripton</b>	Curved Wallwasher
<b>Gövde</b>	Ekstrüzyon Anodize Alüminyum Gövde, Paslanmaz Çelik Civatalar,Silikon Conta Erkek-Dişi Konnektörler.	<b>Body</b>	Anodised Silver Aluminum Extruded Housing With Stainless Steel,Screw and Silicone Gaskets. Male-Female Waterproof Connectors.
<b>Difüzör</b>	Polikarbon Difüzör	<b>Diffuser</b>	Polycarbonate Diffuser
<b>Lens Dereceleri</b>	8° - 12° -25° - 30° -45° -60° -90° - 18°x38° - 15°x50° -25°x50°	<b>Optics</b>	8° - 12° -25° - 30° -45° -60° -90° - 18°x38° - 15°x50° -25°x50°
<b>SDCM (MacAdam)</b>	3	<b>SDCM (MacAdam)</b>	3
<b>Renk Sıcaklığı</b>	3000K/4000K	<b>Colour Temperature</b>	3000K/4000K
<b>Ömür</b>	50000h	<b>Life Time</b>	50000h
<b>Çalışma Sıcaklığı</b>	-40°C/+55°C	<b>Operating Temperature</b>	-40°C/+55°C
<b>LED</b>	Nichia	<b>LED</b>	Nichia
<b>Uygunluk</b>	EN60598-1:2009-04	<b>Conformity</b>	EN60598-1:2009-04



Ürün Kodu Product Code	Güç Power	Çıkış Işık Akısı Lumen Output	Verimlilik Efficiency	Işık Açısı Beam Angle	Işık Kaynağı Light Source	CRI	A (mm)	B (mm)	L (mm)
37001	3W	360Lm	120Lm/W	Simetrik/Eliptik/Asimetrik	LED	+80	34	34	70
37002	6W	720Lm	120Lm/W	Simetrik/Eliptik/Asimetrik	LED	+80	34	34	120





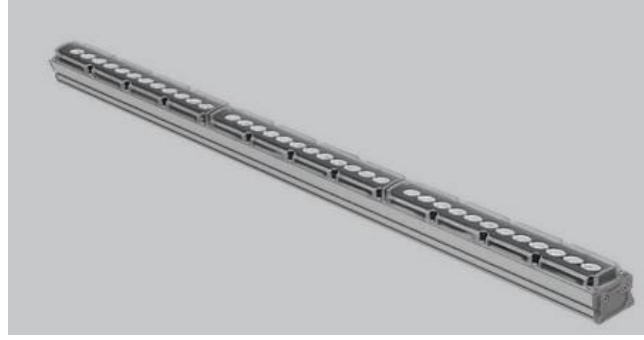
## ÜRÜN ÖZELLİKLERİ/PRODUCT SPECIFICATIONS

<b>Ürün Tanımı</b>	Wallwasher	<b>Product Descripton</b>	Wallwasher
<b>Gövde</b>	Ekstrüzyon Anodize Alüminyum Gövde, Paslanmaz Çelik Civatalar,Silikon Conta Erkek-Dişi Konnektörler.	<b>Body</b>	Anodised Silver Aluminum Extruded Housing With Stainless Steel,Screw and Silicone Gaskets. Male-Female Waterproof Connectors.
<b>Difüzör</b>	Polikarbon Difüzör	<b>Diffuser</b>	Polycarbonate Diffuser
<b>Lens Dereceleri</b>		<b>Optics</b>	
<b>SDCM (MacAdam)</b>	3	<b>SDCM (MacAdam)</b>	3
<b>Renk Sıcaklığı</b>	2700K/3000K/4000K	<b>Colour Temperature</b>	2700K/3000K/4000K
<b>Ömür</b>	50000h	<b>Life Time</b>	50000h
<b>Çalışma Sıcaklığı</b>	-25°C/+50°C	<b>Operating Temperature</b>	-25°C/+50°C
<b>LED</b>	Nichia	<b>LED</b>	Nichia
<b>Uygunluk</b>	EN60598-1:2009-04	<b>Conformity</b>	EN60598-1:2009-04

Ürün Kodu Product Code	Güç Power	Çıkış Işık Akısı Lumen Output	Verimlilik Efficiency	Işık Açısı Beam Angle	Işık Kaynağı Light Source	CRI	A (mm)	B (mm)	H (mm)
57018	9W	850Lm	94Lm/W	Simetrik/Eliptik/Asimetrik	LED	+80	55	275	60
57019	18W	1700Lm	94Lm/W	Simetrik/Eliptik/Asimetrik	LED	+80	55	510	60
57020	27W	2550Lm	94Lm/W	Simetrik/Eliptik/Asimetrik	LED	+80	55	745	60
57021	36W	3400Lm	94Lm/W	Simetrik/Eliptik/Asimetrik	LED	+80	55	980	60
57002	45W	4250Lm	94Lm/W	Simetrik/Eliptik/Asimetrik	LED	+80	55	1215	60







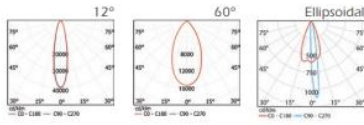
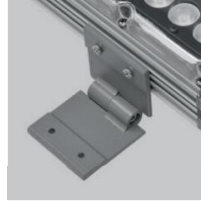
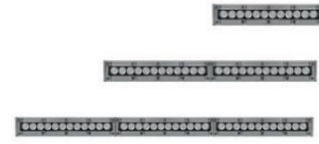
ŞEFFAF-TRANSPARENT



OPAL



IP CONNECTOR OPTIONAL



## ÜRÜN ÖZELLİKLERİ/PRODUCT SPECIFICATIONS

Ürün Tanımı	Wallwasher
Gövde	Alüminyum Ekstrüzyon Su Geçirmez Konnektör
Difüzör	Polikarbon
Lens Dereceleri	12°-60°
SDCM (MacAdam)	3
Renk Sıcaklığı	3000K/4000K/5000K/ <b>KIRMIZI/MAVİ/YEŞİL/AMBER</b>
Ömür	50000h
Çalışma Sıcaklığı	-25°C/+50°C
Kontrol Sistem	On-Off / DMX/DALI
LED	
Uygunluk	EN60598-1:2009-04

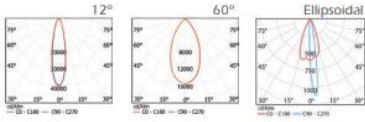
Product Description	Wallwasher
Body	Alüminum Extrusion Waterproof Connectors
Diffuser	Polycarbonate
Optics	12°-60°
SDCM (MacAdam)	3
Colour Temperature	3000K/4000K/5000K/ <b>KIRMIZI/MAVİ/YEŞİL/AMBER</b>
Life Time	50000h
Operating Temperature	-25°C/+50°C
Control System	On-Off / DMX/DALI
LED	
Conformity	EN60598-1:2009-04

## DMX-DALI SYSTEM BOX



Ürün Kodu Product Code	Güç Power	Çıktı Işık Akısı Lumen Output	Verimlilik Efficiency	Işık Açısı Beam Angle	Işık Kaynağı Light Source	CRI	A (mm)	B (mm)	C (mm)
57024	14W	1800Lm	128Lm/W	12°-60°	12 POWER LED	+80	320	49	102
57028	18W	2304Lm	128Lm/W	12°-60°	12 POWER LED	+80	320	49	102
57025	28W	3600Lm	128Lm/W	12°-60°	24 POWER LED	+80	620	49	102
57026	36W	5400Lm	150Lm/W	12°-60°	36 POWER LED	+80	920	49	102
57027	51W	7180Lm	140Lm/W	12°-60°	48 POWER LED	+80	1220	49	102

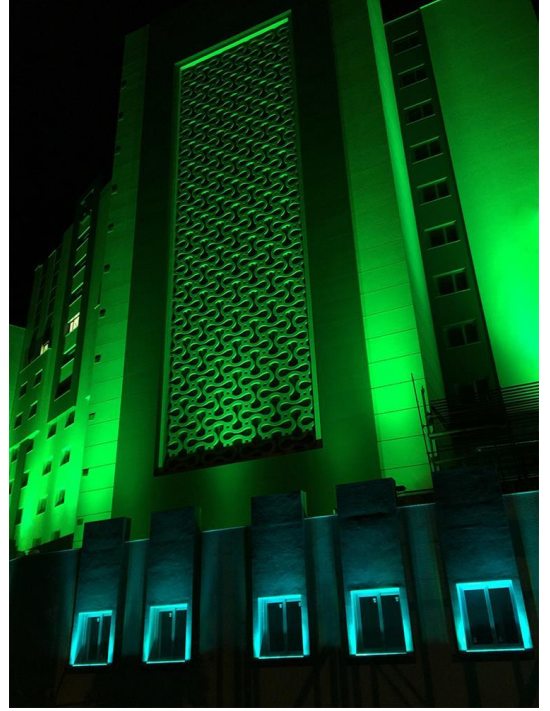




## ÜRÜN ÖZELLİKLERİ/PRODUCT SPECIFICATIONS

Ürün Tanımı	Wallwasher
Gövde	Alüminyum Ekstrüzyon Su Geçirmez Konnektör
Difüzör	Polikarbon
Lens Dereceleri	12°-60°
SDCM (MacAdam)	3
Renk Sıcaklığı	3000K/4000K/5000K/RGB
Ömür	50000h
Çalışma Sıcaklığı	-25°C/+50°C
Kontrol Sistem	On-Off / DMX/DALI
LED	
Uygunluk	EN60598-1:2009-04

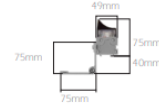
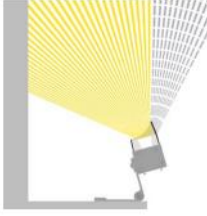
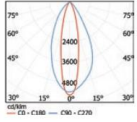
Product Descripton	Wallwasher
Body	Alüminum Extrusion Waterproof Connectors
Diffuser	Polycarbonate
Optics	12°-60°
SDCM (MacAdam)	3
Colour Temperature	3000K/4000K/5000K/RGB
Life Time	50000h
Operating Temperature	-25°C/+50°C
Control System	On-Off / DMX/DALI
LED	
Conformity	EN60598-1:2009-04



IP CONNECTOR OPTIONAL

Ürün Kodu Product Code	Güç Power	Çıktı Işık Akısı Lumen Output	Verimlilik Efficiency	Işık Açısı Beam Angle	Işık Kaynağı Light Source	CRI	A (mm)	B (mm)	C (mm)
57029	26W	3390Lm	130Lm/W	12°-60°	24 POWER LED	+80	320	73	100
57030	52W	7030Lm	135Lm/W	12°-60°	48 POWER LED	+80	620	73	100
57031	75W	10200Lm	136Lm/W	12°-60°	72 POWER LED	+80	920	73	100
57032	100W	13600Lm	136Lm/W	12°-60°	96 POWER LED	+80	1220	73	100
57033	20W	RGB			24 POWER LED		320	73	100
57034	40W	RGB			48 POWER LED		620	73	100
57035	60W	RGB			72 POWER LED		920	73	100
57036	80W	RGB			96 POWER LED		1220	73	100





## ÜRÜN ÖZELLİKLERİ/PRODUCT SPECIFICATIONS

<b>Ürün Tanımı</b>	Wallwasher
<b>Gövde</b>	Alüminyum Ekstrüzyon Su Geçirmez Konnektör
<b>Diffüzör</b>	Polikarbon
<b>Lens Dereceleri</b>	15°
<b>SDCM (MacAdam)</b>	3
<b>Renk Sıcaklığı</b>	3000K/4000K/5000K/ <b>KIRMIZI/MAVİ/YEŞİL/AMBER/RGB</b>
<b>Ömür</b>	50000h
<b>Çalışma Sıcaklığı</b>	-25°C/+50°C
<b>Kontrol Sistem</b>	On-Off / DMX/DALI
<b>LED</b>	
<b>Uygunluk</b>	EN60598-1:2009-04

<b>Product Descripton</b>	Wallwasher
<b>Body</b>	Alüminium Extrusion Waterproof Connectors
<b>Diffuser</b>	Polycarbonate
<b>Optics</b>	15°
<b>SDCM (MacAdam)</b>	3
<b>Colour Temperature</b>	3000K/4000K/5000K/ <b>KIRMIZI/MAVİ/YEŞİL/AMBER/RGB</b>
<b>Life Time</b>	50000h
<b>Operating Temperature</b>	-25°C/+50°C
<b>Control System</b>	On-Off / DMX/DALI
<b>LED</b>	
<b>Conformity</b>	EN60598-1:2009-04

## DMX-DALI SYSTEM BOX

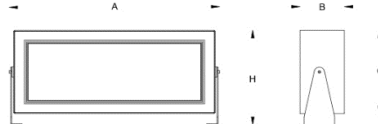


Ürün Kodu Product Code	Güç Power	Çıkış Işık Akısı Lumen Output	Verimlilik Efficiency	Işık Açısı Beam Angle	Işık Kaynağı Light Source	CRI	A (mm)	B (mm)	C (mm)
57037	14W	1800Lm	128Lm/W	15°	12 POWER LED	+80	320	49	115
57038	18W	2304Lm	128Lm/W	15°	12 POWER LED	+80	320	49	115
57039	28W	3600Lm	128Lm/W	15°	24 POWER LED	+80	620	49	115
57040	36W	5400Lm	150Lm/W	15°	36 POWER LED	+80	920	49	115
57041	51W	7180Lm	140Lm/W	15°	48 POWER LED	+80	1220	49	115

*Projektör*



*Projector*



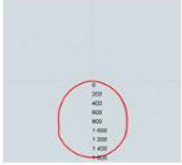
## ÜRÜN ÖZELLİKLERİ/PRODUCT SPECIFICATIONS

Ürün Tanımı	Projektör
Gövde	Anodize Ekstrüzyon Alüminyum Soğutuculu Gövde Paslanmaz Çelik Civatalar,Silikon Conta
Difüzör	Temperli Cam - PMMA, Şeffaf veya Opal
SDCM (MacAdam)	3
Renk Sıcaklığı	2700K/3000K/4000K
Ömür	50000h
Çalışma Sıcaklığı	-25°C/+50°C
LED	Nichia
Uygunluk	EN60598-1:2009-04

Product Descripton	Projector
Body	Anodised Silver Aluminum Extruded Housing Stainless Steel Screws,Silicone Rubber Gaskets
Diffuser	Tempered Glass - PMMA, Transparent or Opal
SDCM (MacAdam)	3
Colour Temperature	2700K/3000K/4000K
Life Time	50000h
Operating Temperature	-25°C/+50°C
LED	Nichia
Conformity	EN60598-1:2009-04

Ürün Kodu Product Code	Güç Power	Çıkış Işık Akısı Lumen Output	Verimlilik Efficiency	Işık Açısı Beam Angle	Işık Kaynağı Light Source	CRI	A (mm)	B (mm)	C (mm)	H (mm)
58079	36W/150W	4320Lm/18000Lm	120Lm/W	30° - 57° - 65° - 95°	LED	80-90-95	330	160	225	260
58080	150W/300W	18000Lm/36000Lm	120Lm/W	30° - 57° - 65° - 95°	LED	80-90-95	540	160	300	360
58081	300W/650W	36000Lm/78000Lm	120Lm/W	30° - 57° - 65° - 95°	LED	80-90-95	750	160	330	375





Symmetric

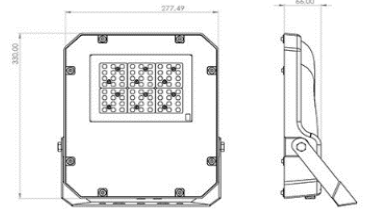


Asymmetric

## ÜRÜN ÖZELLİKLERİ/PRODUCT SPECIFICATIONS

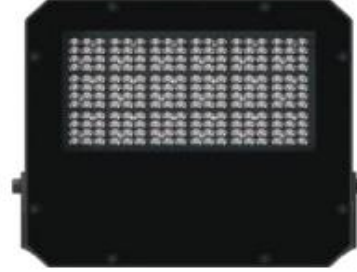
Ürün Tanımı	Projektör
Gövde	Elektrostatiktoz Boyalı Alüminyum Gövde, Paslanmaz Çelik Civatalar,Silikon Conta
Diffüzör	Temperli Şeffaf Cam
SDCM (MacAdam)	3
Renk Sıcaklığı	3000K/4000K
Ömür	50000h
Çalışma Sıcaklığı	-25°C/+50°C
LED	Osram/Samsung
Uygunluk	TSEN60598 -2-2

Product Descripton	Projector
Body	Electrostatic Powder Coated Aluminum Body, Stainless Steel Screws,Silicone Gasket
Diffuser	Tempered Transparent Glass
SDCM (MacAdam)	3
Colour Temperature	3000K/4000K
Life Time	50000h
Operating Temperature	-25°C/+50°C
LED	Osram/Samsung
Conformity	TSEN60598 -2-2



Ürün Kodu Product Code	Güç Power	Çıkış Işık Akısı Lumen Output	Verimlilik Efficiency	Işık Açısı Beam Angle	Işık Kaynağı Light Source	CRI	L (mm)	W (mm)	H (mm)
58094	40W	4700Lm	117Lm/W	Symmetric-Asymmetric	LED	+80	330	277,49	66
58095	60W	7600Lm	126Lm/W	Symmetric-Asymmetric	LED	+80	330	277,49	66
58096	80W	9700Lm	121Lm/W	Symmetric-Asymmetric	LED	+80	330	277,49	66
58097	100W	10400Lm	104m/W	Symmetric-Asymmetric	LED	+80	330	277,49	66





Symmetric

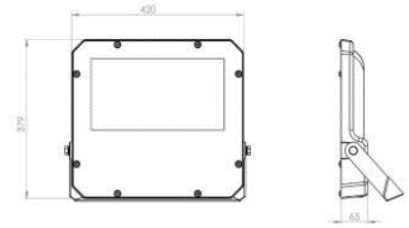


Asymmetric

**ÜRÜN ÖZELLİKLERİ/PRODUCT SPECIFICATIONS**

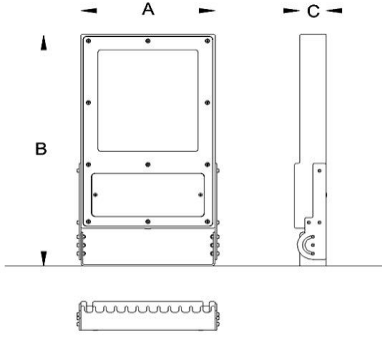
<b>Ürün Tanımı</b>	Projektör
<b>Gövde</b>	Elektrostatiktoz Boyalı Alüminyum Gövde, Paslanmaz Çelik Civatalar,Silikon Conta
<b>Difüzör</b>	Temperli Şeffaf Cam
<b>SDCM (MacAdam)</b>	3
<b>Renk Sıcaklığı</b>	3000K/4000K
<b>Ömür</b>	50000h
<b>Çalışma Sıcaklığı</b>	-25°C/+50°C
<b>LED</b>	Osram/Samsung
<b>Uygunluk</b>	TSEN60598 -2-2

<b>Product Descripton</b>	Projector
<b>Body</b>	Electrostatic Powder Coated Aluminum Body, Stainless Steel Screws,Silicone Gasket
<b>Diffuser</b>	Tempered Transparent Glass
<b>SDCM (MacAdam)</b>	3
<b>Colour Temperature</b>	3000K/4000K
<b>Life Time</b>	50000h
<b>Operating Temperature</b>	-25°C/+50°C
<b>LED</b>	Osram/Samsung
<b>Conformity</b>	TSEN60598 -2-2



Ürün Kodu Product Code	Güç Power	Çıkış Işık Akısı Lumen Output	Verimlilik Efficiency	Işık Açısı Beam Angle	Işık Kaynağı Light Source	CRI	L (mm)	W (mm)	H (mm)
58103	60W	7800Lm	130Lm/W	Symmetric-Asymmetric	LED	+80	420	379	65
58104	80W	3900Lm	48Lm/W	Symmetric-Asymmetric	LED	+80	420	379	65
58105	100W	10400Lm	104m/W	Symmetric-Asymmetric	LED	+80	420	379	65
58106	120W	15600Lm	130m/W	Symmetric-Asymmetric	LED	+80	420	379	65
58107	140W	8200Lm	58m/W	Symmetric-Asymmetric	LED	+80	420	379	65
58108	150W	19500Lm	130m/W	Symmetric-Asymmetric	LED	+80	420	379	65
58109	180W	21600Lm	120m/W	Symmetric-Asymmetric	LED	+80	420	379	65
58110	200W	21400Lm	207m/W	Symmetric-Asymmetric	LED	+80	420	379	65
58111	250W	29000Lm	116m/W	Symmetric-Asymmetric	LED	+80	420	379	65





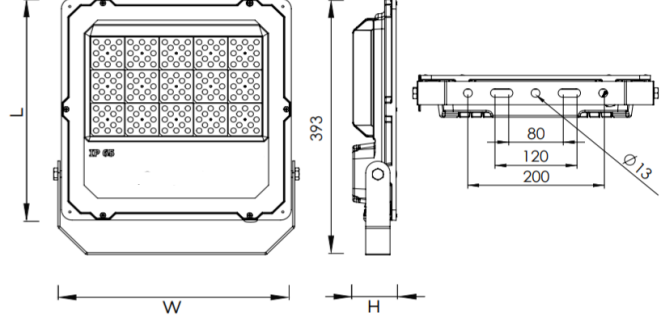
## ÜRÜN ÖZELLİKLERİ/PRODUCT SPECIFICATIONS

Ürün Tanımı	Projektör	Product Descripton	Projector
Gövde	Alüminyum Enjeksiyon	Body	Die-Cast Aluminum
Difüzör	Paslanmaz Çelik Civatalar, Silikon Conta	Diffuser	Stainless Steel Screws, Silicone Rubber Gaskets
SDCM (MacAdam)	Temperli Cam - PMMA, Şeffaf veya Opal	SDCM (MacAdam)	Tempered Glass - PMMA, Transparent or Opal
Renk Sıcaklığı	3	SDCM (MacAdam)	3
Ömür	2700K/3000K/4000K	Colour Temperature	2700K/3000K/4000K
Çalışma Sıcaklığı	50000h	Life Time	50000h
LED	-25°C/+50°C	Operating Temperature	-25°C/+50°C
Uygunluk	Nichia	LED	Nichia
	EN60598-1:2009-04	Conformity	EN60598-1:2009-04

Ürün Kodu Product Code	Güç Power	Çıkış Işık Akısı Lumen Output	Verimlilik Efficiency	Işık Açısı Beam Angle	Işık Kaynağı Light Source	CRI	A (mm)	B (mm)	C (mm)
58052	38W	4560Lm	120Lm/W	-	LED	+80	250	400	60
58053	60W	7200Lm	120Lm/W	-	LED	+80	250	400	60
58054	84W	10080Lm	120Lm/W	-	LED	+80	250	400	60
58055	96W	11520Lm	120Lm/W	-	LED	+80	325	450	60
58056	120W	14400Lm	120Lm/W	-	LED	+80	325	450	60
58057	140W	16800Lm	120Lm/W	-	LED	+80	370	520	60





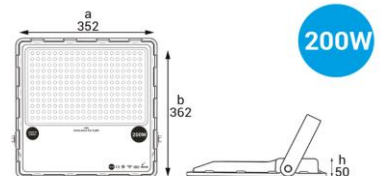
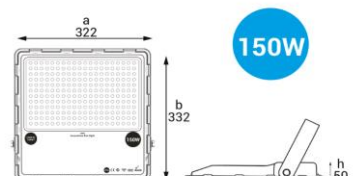
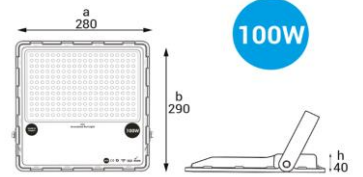
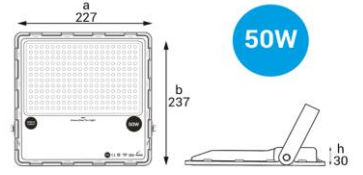
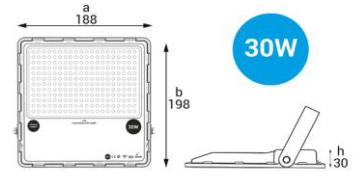


## ÜRÜN ÖZELLİKLERİ/PRODUCT SPECIFICATIONS

Ürün Tanımı	Projektör	Product Descripton	Projector
Gövde	Alüminyum Enjeksiyon Paslanmaz Çelik Civatalar,Silikon Conta	Body	Die-Cast Aluminum Stainless Steel Screws,Silicone Rubber Gaskets
Difüzör	Temperli Cam - PMMA, Şeffaf veya Opal	Diffuser	Tempered Glass - PMMA, Transparent or Opal
SDCM (MacAdam)	3	SDCM (MacAdam)	3
Renk Sıcaklığı	2700K/3000K/4000K	Colour Temperature	2700K/3000K/4000K
Ömür	50000h	Life Time	50000h
Çalışma Sıcaklığı	-25°C/+50°C	Operating Temperature	-25°C/+50°C
LED	Nichia	LED	Nichia
Uygunluk	EN60598-1:2009-04	Conformity	EN60598-1:2009-04

Ürün Kodu Product Code	Güç Power	Çıkış Işık Akısı Lumen Output	Verimlilik Efficiency	Işık Açısı Beam Angle	Işık Kaynağı Light Source	CRI	A (mm)	B (mm)	C (mm)
58058	60W	6300Lm	105Lm/W	-	LED	+80	340	340	60
58059	80W	8400Lm	105Lm/W	-	LED	+80	340	340	60
58060	100W	10500Lm	105Lm/W	-	LED	+80	340	340	60
58061	120W	12600Lm	105Lm/W	-	LED	+80	340	340	60





ÜRÜN ÖZELLİKLERİ/PRODUCT SPECIFICATIONS

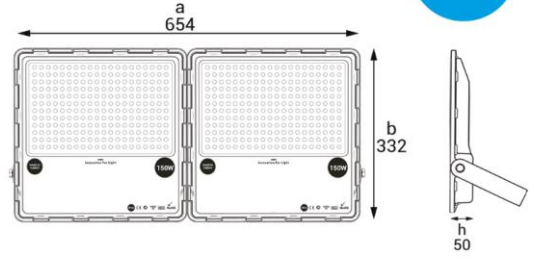
Ürün Tanımı	Projektör	Product Descripton	Projector
Gövde	Alüminyum Enjeksiyon	Body	Die-Cast Aluminum
	Paslanmaz Çelik Civatalar,Silikon Conta		Stainless Steel Screws,Silicone Rubber Gaskets
Difüzör	Temperli Cam - PMMA, Şeffaf	Diffuser	Tempered Glass - PMMA, Transparent
SDCM (MacAdam)	3	SDCM (MacAdam)	3
Renk Sıcaklığı	2700K/6500K	Colour Temperature	2700K/6500K
Ömür	50000h	Life Time	50000h
Çalışma Sıcaklığı	-25°C/+50°C	Operating Temperature	-25°C/+50°C
LED	Osram/Samsung	LED	Osram/Samsung
Uygunluk	EN60598-1:2009-04	Conformity	EN60598-1:2009-04

Ürün Kodu Product Code	Güç Power	Çıkış Işık Akısı Lumen Output	Verimlilik Efficiency	Işık Açısı Beam Angle	Işık Kaynağı Light Source	CRI	A (mm)	B (mm)	H (mm)
58067	30W	3654Lm	122Lm/W	-	LED	+80	188	198	30
58068	50W	6249Lm	125Lm/W	-	LED	+80	227	237	30
58069	100W	11544Lm	115Lm/W	-	LED	+80	280	290	40
58070	150W	17573Lm	118Lm/W	-	LED	+80	322	332	50
58063	200W	23309Lm	117Lm/W	-	LED	+80	352	362	50

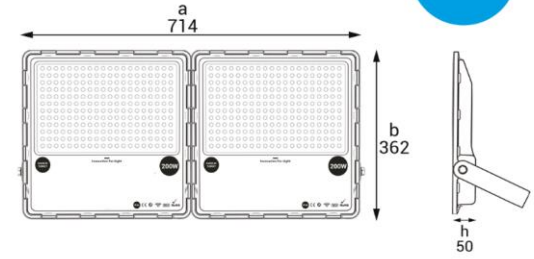




300W



400W

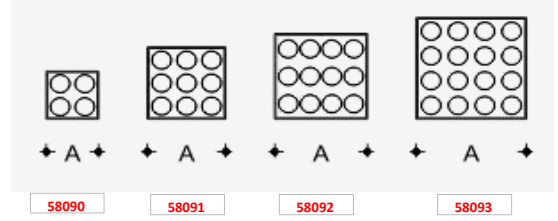
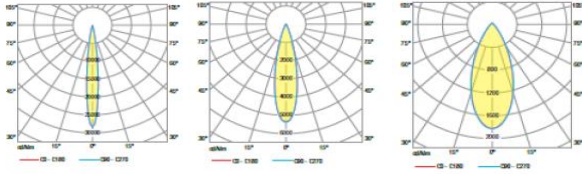


ÜRÜN ÖZELLİKLERİ/PRODUCT SPECIFICATIONS

Ürün Tanımı	Projektör	Product Descripton	Projector
Gövde	Alüminyum Enjeksiyon	Body	Die-Cast Aluminum
	Paslanmaz Çelik Civatalar,Silikon Conta		Stainless Steel Screws,Silicone Rubber Gaskets
Difüzör	Temperli Cam - PMMA, Şeffaf	Diffuser	Tempered Glass - PMMA, Transparent
SDCM (MacAdam)	3	SDCM (MacAdam)	3
Renk Sıcaklığı	2700K/6500K	Colour Temperature	2700K/6500K
Ömür	50000h	Life Time	50000h
Çalışma Sıcaklığı	-25°C/+50°C	Operating Temperature	-25°C/+50°C
LED	Osram/Samsung	LED	Osram/Samsung
Uygunluk	EN60598-1:2009-04	Conformity	EN60598-1:2009-04

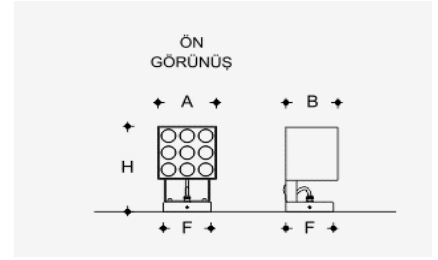
Ürün Kodu Product Code	Güç Power	Çıkış Işık Akısı Lumen Output	Verimlilik Efficiency	Işık Açısı Beam Angle	Işık Kaynağı Light Source	CRI	A (mm)	B (mm)	H (mm)
58064	300W	3654Lm	122Lm/W	-	LED	+80	654	332	50
58065	400W	6249Lm	125Lm/W	-	LED	+80	714	362	50





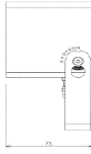
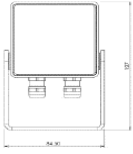
**ÜRÜN ÖZELLİKLERİ/PRODUCT SPECIFICATIONS**

<b>Ürün Tanımı</b>	Projektör	<b>Product Description</b>	Projector
<b>Gövde</b>	Elektrostatiktoz Boyalı Alüminyum Gövde, Paslanmaz Çelik Civatalar,Silikon Conta	<b>Body</b>	Electrostatic Powder Coated Aluminum Body, Stainless Steel Screws,Silicone Gasket
<b>Difüzör</b>	Polikarbon	<b>Diffuser</b>	Polycarbonate
<b>Lens Dereceleri</b>	30° - 45° - 60° - 80°	<b>Optics</b>	30° - 45° - 60° - 80°
<b>SDCM (MacAdam)</b>	3	<b>SDCM (MacAdam)</b>	3
<b>Renk Sıcaklığı</b>	3000K/4000K/5000K/6000K/RGB	<b>Colour Temperature</b>	3000K/4000K/5000K/6000K/RGB
<b>Ömür</b>	50000h	<b>Life Time</b>	50000h
<b>Çalışma Sıcaklığı</b>	-25°C/+50°C	<b>Operating Temperature</b>	-25°C/+50°C
<b>LED</b>	Nichia	<b>LED</b>	Nichia
<b>Uygunluk</b>	EN60598-1:2009-04	<b>Conformity</b>	EN60598-1:2009-04



Ürün Kodu Product Code	Güç Power	Çıkış Işık Akısı Lumen Output	Verimlilik Efficiency	Işık Açısı Beam Angle	Işık Kaynağı Light Source	CRI	A (mm)	B (mm)	H (mm)	F (mm)
58090	4W-8W	400Lm/800Lm	100Lm/W	30° - 45° - 60° - 80°	LED	+80	90	105	130	90
58091	9W-18W	900Lm/1800Lm	100Lm/W	30° - 45° - 60° - 80°	LED	+81	150	120	190	110
58092	12W-24W	1200Lm/2400Lm	100Lm/W	30° - 45° - 60° - 80°	LED	+82	170	135	210	110
58093	16W-32W	1600Lm/3200Lm	100Lm/W	30° - 45° - 60° - 80°	LED	+83	200	150	240	110





## ÜRÜN ÖZELLİKLERİ/PRODUCT SPECIFICATIONS

<b>Ürün Tanımı</b>	Projektör	<b>Product Description</b>	Projector
<b>Gövde</b>	Elektrostatiktoz Boyalı Alüminyum Gövde, Paslanmaz Çelik Civatalar,Silikon Conta	<b>Body</b>	Electrostatic Powder Coated Aluminum Body, Stainless Steel Screws,Silicone Gasket
<b>Difüzör</b>	Termal-Şok Dayanıklı Temperli Cam	<b>Diffuser</b>	Thermal-Shock Resistant Tempered Glass
<b>Lens Dereceleri</b>	30°	<b>Optics</b>	30°
<b>SDCM (MacAdam)</b>	3	<b>SDCM (MacAdam)</b>	3
<b>Renk Sıcaklığı</b>	2700K/3000K/4000K/5000K/6000K	<b>Colour Temperature</b>	2700K/3000K/4000K/5000K/6000K
<b>Ömür</b>	50000h	<b>Life Time</b>	50000h
<b>Çalışma Sıcaklığı</b>	-25°C/+50°C	<b>Operating Temperature</b>	-25°C/+50°C
<b>LED</b>	Nichia	<b>LED</b>	Nichia
<b>Uygunluk</b>	TS EN 60598-2-5	<b>Conformity</b>	TS EN 60598-2-5

Ürün Kodu Product Code	Güç Power	Çıkış Işık Akısı Lumen Output	Verimlilik Efficiency	Işık Açısı Beam Angle	Işık Kaynağı Light Source	CRI	L (mm)	W (mm)	H (mm)
58072	7W	700Lm	100Lm/W	30°	LED	+80	73	84,5	127



*Direk  
Aydınlatma*

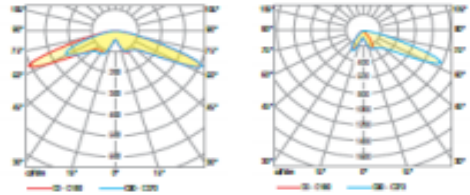
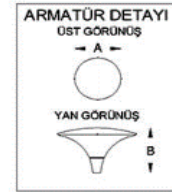


*Pole  
Lighting*



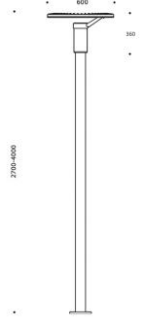
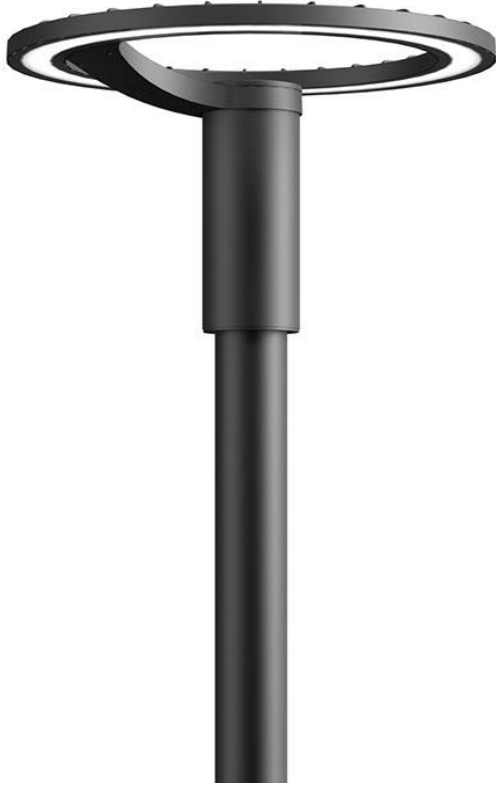
## ÜRÜN ÖZELLİKLERİ/PRODUCT SPECIFICATIONS

<b>Ürün Tanımı</b>	Direk Aydınlatma	<b>Product Descripton</b>	Pole Lighting
<b>Gövde</b>	Alüminyum Döküm Armatür Elektrostatik Toz Boya Paslanmaz Vidalar	<b>Body</b>	Cast Aluminum Electrostatic Powder Coating Stainless Screws
<b>Reflektör</b>		<b>Reflector</b>	
<b>Difüzör</b>	PMMA	<b>Diffuser</b>	PMMA
<b>SDCM (MacAdam)</b>	3	<b>SDCM (MacAdam)</b>	3
<b>Renk Sıcaklığı</b>	3000K/4000K/6000K	<b>Colour Temperature</b>	3000K/4000K/6000K
<b>Ömür</b>	50000h	<b>Life Time</b>	50000h
<b>Çalışma Sıcaklığı</b>	- 25°C / +50°C	<b>Operating Temperature</b>	- 25°C / +50°C
<b>LED</b>	Osram/Tridonic/Nichia	<b>LED</b>	Osram/Tridonic/Nichia Samsung/Cree
<b>Uygunluk</b>	EN 60598-2-3	<b>Conformity</b>	EN 60598-2-3



Ürün Kodu Product Code	Güç Power	Çıkış Işık Akısı Lumen Output	Verimlilik Efficiency	Işık Açısı Beam Angle	Işık Kaynağı Light Source	CRI	A (mm)	B (mm)
55134	72W	7920Lm	110Lm/W	Simetrik - Asimetrik	36-48 FIX MODUL	80-90-95	600	380
55135	144W	15840Lm	110Lm/W	Simetrik - Asimetrik	50-100 FIX MODUL	80-90-95	800	635

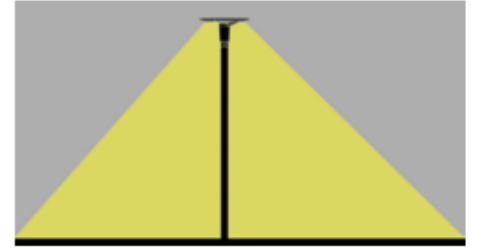




## ÜRÜN ÖZELLİKLERİ/PRODUCT SPECIFICATIONS

Ürün Tanımı	Direk Aydınlatma	Product Descripton	Pole Lighting
Gövde	Alüminyum Enjeksiyon Elektrostatik Toz Boya Paslanmaz Vidalar	Body	Die-Cast Aluminum Elektrostatik Toz Boya Stainless Screws
Reflektör		Reflector	
Difüzör	PMMA	Diffuser	PMMA
SDCM (MacAdam)	3	SDCM (MacAdam)	3
Renk Sıcaklığı	3000K/4000K/6000K	Colour Temperature	3000K/4000K/6000K
Ömür	50000h	Life Time	50000h
Çalışma Sıcaklığı	- 25°C / +50°C	Operating Temperature	- 25°C / +50°C
LED	Osram/Tridonic/Nichia Samsung/Cree	LED	Osram/Tridonic/Nichia Samsung/Cree
Uygunluk	EN 60598-1 EN 60598-2-1 EN 60598-2-3	Conformity	EN 60598-1 EN 60598-2-1 EN 60598-2-3

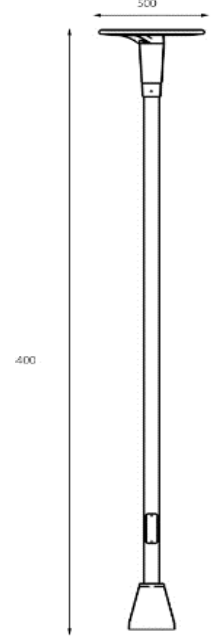
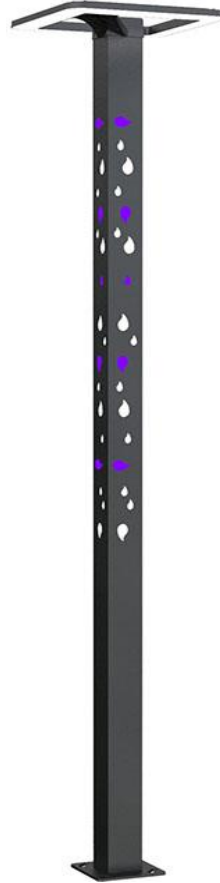
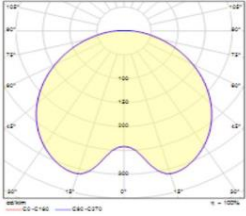
## Simetrik ışık dağılımı / Symmetrical light distribution



Ürün Kodu Product Code	Güç Power	Çıkış Işık Akısı Lumen Output	Verimlilik Efficiency	Işık Açısı Beam Angle	Işık Kaynağı Light Source	CRI	L (mm)	W (mm)	H (mm)
55072	40W	4320Lm	108Lm/W	360°	LED	80	360	600	2700-4000
55007	60W	6450Lm	108Lm/W	360°	LED	80	360	600	2700-4000





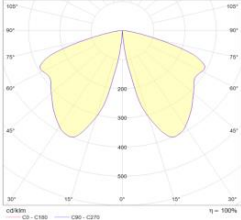
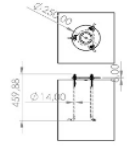
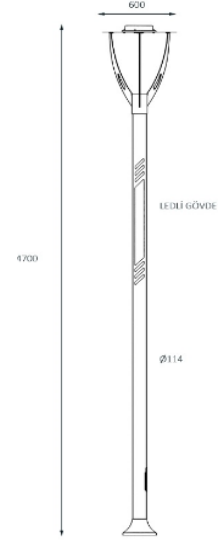
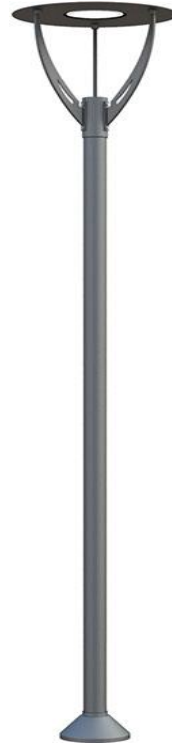


## ÜRÜN ÖZELLİKLERİ/PRODUCT SPECIFICATIONS

Ürün Tanımı	Modern Direk	Product Description	Modern Pole
Gövde	Ana Gövde Alüminyum Kutu Profil Elektrostatik Toz Boya Paslanmaz Vidalar	Body	The Main Body of Aluminum Box Profile Elektrostatik Toz Boya Stainless Screws
Reflektör		Reflector	
Difüzör		Diffuser	
SDCM (MacAdam)	3	SDCM (MacAdam)	3
Renk Sıcaklığı	3000K/4000K/6000K	Colour Temperature	3000K/4000K/6000K
Ömür	50000h	Life Time	50000h
Çalışma Sıcaklığı	- 25°C / +50°C	Operating Temperature	- 25°C / +50°C
LED	Osram/Tridonic/Nichia Samsung/Cree	LED	Osram/Tridonic/Nichia Samsung/Cree
Uygunluk	EN 60598-1 EN 60598-2-1	Conformity	EN 60598-1 EN 60598-2-1

Ürün Kodu Product Code	Güç Power	Çıkış Işık Akısı Lumen Output	Verimlilik Efficiency	Işık Açısı Beam Angle	Işık Kaynağı Light Source	CRI	L (mm)	W (mm)	H (mm)
55100	40W	4600Lm	115Lm/W		LED	80	500	500	2000-4000
55012	60W	6900Lm	115Lm/W		LED	80	500	500	2000-4000





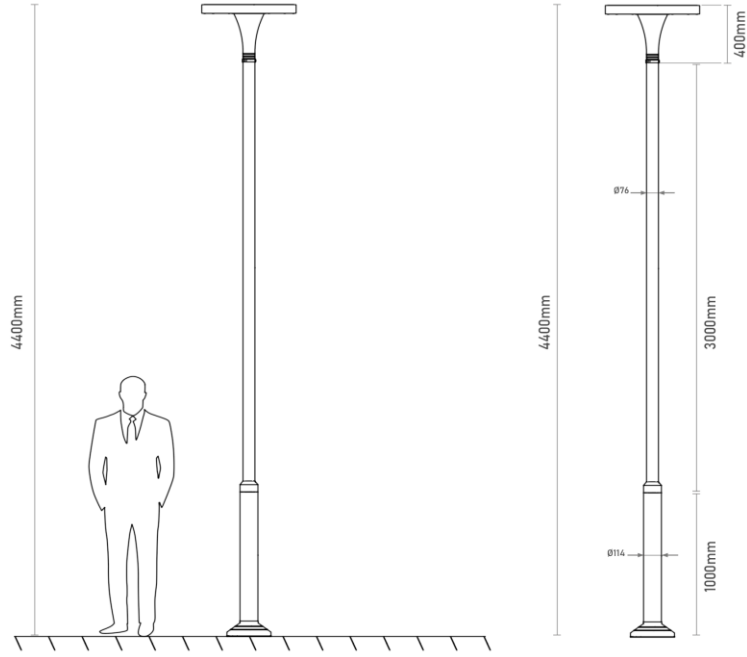
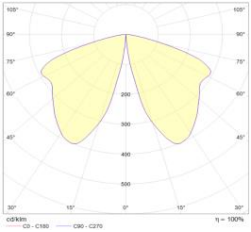
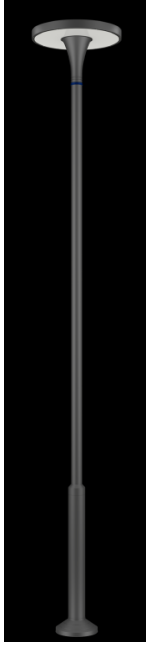
## ÜRÜN ÖZELLİKLERİ/PRODUCT SPECIFICATIONS

<b>Ürün Tanımı</b>	Modern Direk
<b>Gövde</b>	Alüminyum Enjeksiyon Elektrostatik Toz Boya Paslanmaz Vidalar
<b>Reflektör</b>	
<b>Difüzör</b>	PMMA
<b>SDCM (MacAdam)</b>	3
<b>Renk Sıcaklığı</b>	3700K/4700K
<b>Ömür</b>	50000h
<b>Çalışma Sıcaklığı</b>	- 25°C / +50°C
<b>LED</b>	Osram/Tridonic/Nichia Samsung/Cree
<b>Uygunluk</b>	EN 60598-1 EN 60598-2-1

<b>Product Descripton</b>	Modern Pole
<b>Body</b>	Die-Cast Aluminum Elektrostatik Toz Coating Stainless Screws
<b>Reflector</b>	
<b>Diffuser</b>	PMMA
<b>SDCM (MacAdam)</b>	3
<b>Colour Temperature</b>	3000K/4000K
<b>Life Time</b>	50000h
<b>Operating Temperature</b>	- 25°C / +50°C
<b>LED</b>	Osram/Tridonic/Nichia Samsung/Cree
<b>Conformity</b>	EN 60598-1 EN 60598-2-1

Ürün Kodu Product Code	Güç Power	Çıkış Işık Akısı Lumen Output	Verimlilik Efficiency	Işık Açısı Beam Angle	Işık Kaynağı Light Source	CRI	L (mm)	W (mm)	H (mm)
55109	20W	2300Lm	115Lm/W		LED	80	600	600	3000-5000
55110	40W	4600Lm	115Lm/W		LED	80	600	600	3000-5000
55010	60W	6900Lm	115Lm/W		LED	80	600	600	3000-5000



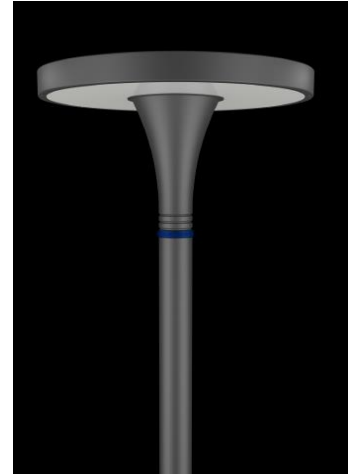


○ White RAL 9016 ● Gray RAL 9006 VT ● Matte Gray RAL 7741 ● Custom Gold Paint

## ÜRÜN ÖZELLİKLERİ/PRODUCT SPECIFICATIONS

Ürün Tanımı	Modern Direk
Gövde	Alüminyum Enjeksiyon Elektrostatik Toz Boya Paslanmaz Vidalar
Reflektör	
Difüzör	PMMA
SDCM (MacAdam)	3
Renk Sıcaklığı	3700K/4700K
Ömür	50000h
Çalışma Sıcaklığı	- 25°C / +50°C
LED	Osram/Tridonic/Nichia Samsung/Cree
Uygunluk	EN 60598-1 EN 60598-2-1

Product Descripton	Modern Pole
Body	Die-Cast Aluminum Elektrostatik Toz Boya Stainless Screws
Reflektör	
Diffuser	PMMA
SDCM (MacAdam)	3
Colour Temperature	3000K/4000K
Life Time	50000h
Operating Temperature	- 25°C / +50°C
LED	Osram/Tridonic/Nichia Samsung/Cree
Conformity	EN 60598-1 EN 60598-2-1



Ürün Kodu Product Code	Güç Power	Çıkış Işık Akısı Lumen Output	Verimlilik Efficiency	Işık Açısı Beam Angle	Işık Kaynağı Light Source	CRI	L (mm)	W (mm)
55136	40W	4320Lm	108Lm/W	360	LED	80	360	600
55137	60W	6450Lm	108Lm/W	360	LED	80	360	600

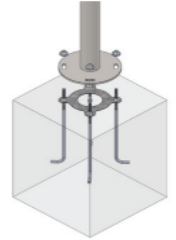




## ÜRÜN ÖZELLİKLERİ/PRODUCT SPECIFICATIONS

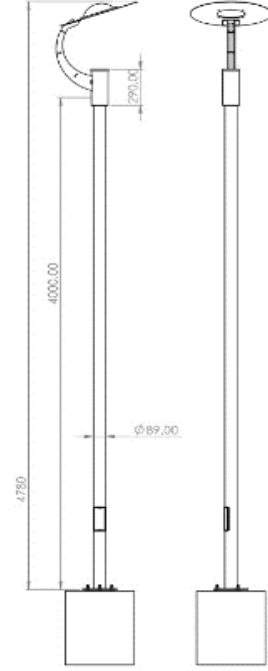
Ürün Tanımı	Modern Direk
Gövde	Alüminyum Enjeksiyon Elektrostatik Toz Boya Paslanmaz Vidalar
Reflektör	
Difüzör	PMMA
SDCM (MacAdam)	3
Renk Sıcaklığı	3700K/4700K
Ömür	50000h
Çalışma Sıcaklığı	- 25°C / +50°C
LED	Osram/Tridonic/Nichia Samsung/Cree
Uygunluk	EN 60598-1 EN 60598-2-1

Product Descripton	Modern Pole
Body	Die-Cast Aluminum Elektrostatic Powder Coating Stainless Screws
Reflector	
Diffuser	PMMA
SDCM (MacAdam)	3
Colour Temperature	3000K/4000K
Life Time	50000h
Operating Temperature	- 25°C / +50°C
LED	Osram/Tridonic/Nichia Samsung/Cree
Conformity	EN 60598-1 EN 60598-2-1



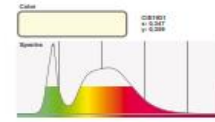
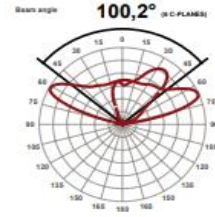
Ürün Kodu Product Code	Güç Power	Çıkış Işık Akısı Lumen Output	Verimlilik Efficiency	Işık Açısı Beam Angle	Işık Kaynağı Light Source	CRI	L (mm)	W (mm)	H (mm)
59015	30W	4200Lm	140Lm/W	Symmetrical	LED	80	80	150	3000-6000
59016	60W	7200Lm	120Lm/W	Symmetrical	LED	80	80	150	3000-6000





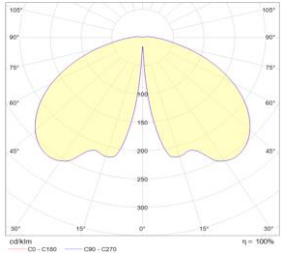
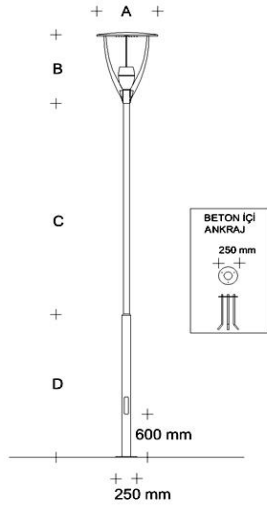
## ÜRÜN ÖZELLİKLERİ/PRODUCT SPECIFICATIONS

Ürün Tanımı	Modern Direk	Product Descripton	Modern Pole
Gövde	Alüminyum Enjeksiyon Elektrostatik Toz Boya Paslanmaz Vidalar	Body	Die-Cast Aluminum Elektrostatik Toz Boya Stainless Screws
Reflektör		Reflector	
Difüzör		Diffuser	
SDCM (MacAdam)	3	SDCM (MacAdam)	3
Renk Sıcaklığı	3000K/4000K	Colour Temperature	3000K/4000K
Ömür	50000h	Life Time	50000h
Çalışma Sıcaklığı	- 25°C / +50°C	Operating Temperature	- 25°C / +50°C
LED	Osram/Tridonic/Nichia Samsung/Cree	LED	Osram/Tridonic/Nichia Samsung/Cree
Uygunluk	EN 60598-1 EN 60598-2-1	Conformity	EN 60598-1 EN 60598-2-1



Ürün Kodu Product Code	Güç Power	Çıkış Işık Akısı Lumen Output	Verimlilik Efficiency	Işık Açısı Beam Angle	Işık Kaynağı Light Source	CRI	L (mm)	W (mm)	H (mm)
55098	40W	4600Lm	115Lm/W		LED	80			3000-6000
55099	60W	6900Lm	115Lm/W		LED	80			3000-6000





## ÜRÜN ÖZELLİKLERİ/PRODUCT SPECIFICATIONS

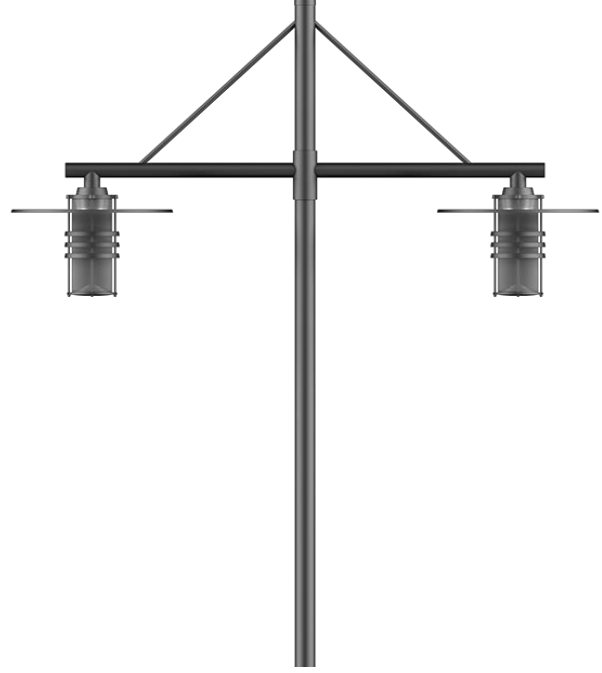
<b>Ürün Tanımı</b>	Direk Aydınlatma
<b>Gövde</b>	Alüminyum Enjeksiyon
<b>Difüzör</b>	Şeffaf Cam
<b>SDCM (MacAdam)</b>	3
<b>Renk Sıcaklığı</b>	2700K/3000K/4000K
<b>Ömür</b>	50000h
<b>Çalışma Sıcaklığı</b>	-25°C/+50°C
<b>LED</b>	Nichia
<b>Uygunluk</b>	EN60598-1:2009-04

<b>Product Descripton</b>	Pole Lighting
<b>Body</b>	Die-Cast Aluminum
<b>Diffuser</b>	Transparent Glass
<b>SDCM (MacAdam)</b>	3
<b>Colour Temperature</b>	2700K/3000K/4000K
<b>Life Time</b>	50000h
<b>Operating Temperature</b>	-25°C/+50°C
<b>LED</b>	Nichia
<b>Conformity</b>	EN60598-1:2009-04



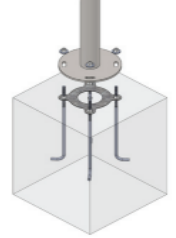
Ürün Kodu Product Code	Güç Power	Çıkış Işık Akısı Lumen Output	Verimlilik Efficiency	Işık Açısı Beam Angle	Işık Kaynağı Light Source	CRI	A (mm)	B (mm)	H (mm)
55020	54W	6480Lm	120Lm/W	-	LED	+80	600	670	∞
55021	110W	13200Lm	120Lm/W	-	LED	+80	1385	1270	∞





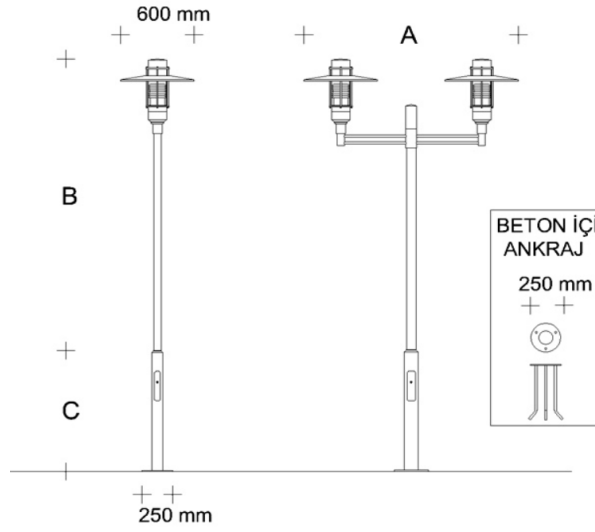
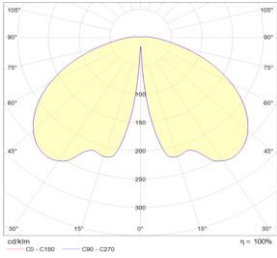
## ÜRÜN ÖZELLİKLERİ/PRODUCT SPECIFICATIONS

<b>Ürün Tanımı</b>	Modern Direk	<b>Product Descripton</b>	Modern Pole
<b>Gövde</b>	Alüminyum Enjeksiyon Elektrostatik Toz Boya Paslanmaz Vidalar	<b>Body</b>	Die-Cast Aluminum Elektrostatic Powder Coating Stainless Screws
<b>Reflektör</b>		<b>Reflector</b>	
<b>Difüzör</b>	PMMA	<b>Diffuser</b>	PMMA
<b>SDCM (MacAdam)</b>	3	<b>SDCM (MacAdam)</b>	3
<b>Renk Sıcaklığı</b>	3700K/4700K	<b>Colour Temperature</b>	3000K/4000K
<b>Ömür</b>	50000h	<b>Life Time</b>	50000h
<b>Çalışma Sıcaklığı</b>	- 25°C / +50°C	<b>Operating Temperature</b>	- 25°C / +50°C
<b>LED</b>	Osram/Tridonic/Nichia Samsung/Cree	<b>LED</b>	Osram/Tridonic/Nichia Samsung/Cree
<b>Uygunluk</b>	EN 60598-1 EN 60598-2-1	<b>Conformity</b>	EN 60598-1 EN 60598-2-1



Ürün Kodu Product Code	Güç Power	Çıkış Işık Akısı Lumen Output	Verimlilik Efficiency	Işık Açısı Beam Angle	Işık Kaynağı Light Source	CRI	L (mm)	W (mm)	H (mm)
59017	30W	3600Lm	120Lm/W	Symmetrical	LED	80	80	150	3000-5000
59018	40W	4800Lm	120Lm/W	Symmetrical	LED	80	80	150	4000-6000
59019	60W	7200Lm	120Lm/W	Symmetrical	LED	80	80	150	5000-8000





## ÜRÜN ÖZELLİKLERİ/PRODUCT SPECIFICATIONS

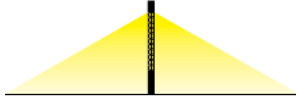
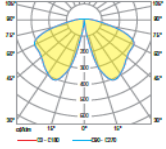
<b>Ürün Tanımı</b>	Direk Aydınlatma
<b>Gövde</b>	Alüminyum Enjeksiyon
<b>Diffüzör</b>	Şeffaf Akrylic
<b>SDCM (MacAdam)</b>	3
<b>Renk Sıcaklığı</b>	2700K/3000K/4000K
<b>Ömür</b>	50000h
<b>Çalışma Sıcaklığı</b>	-25°C/+50°C
<b>LED</b>	Nichia
<b>Uygunluk</b>	EN60598-1:2009-04

<b>Product Descripton</b>	
<b>Body</b>	Die-Cast Aluminum
<b>Diffuser</b>	Transparent Acrylic
<b>SDCM (MacAdam)</b>	3
<b>Colour Temperature</b>	2700K/3000K/4000K
<b>Life Time</b>	50000h
<b>Operating Temperature</b>	-25°C/+50°C
<b>LED</b>	Nichia
<b>Conformity</b>	EN60598-1:2009-04

Ürün Kodu Product Code	Güç Power	Çıkış Işık Akısı Lumen Output	Verimlilik Efficiency	Işık Açısı Beam Angle	Işık Kaynağı Light Source	CRI	A (mm)	B (mm)	C (mm)
55040	36W	4320Lm	120Lm/W	-	LED	+80	600	2500	1000

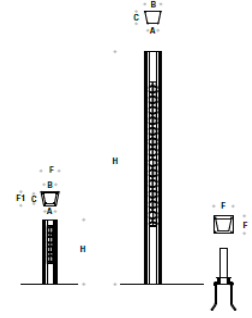






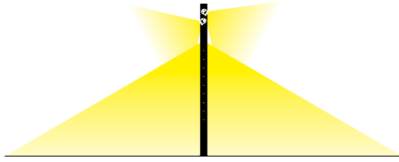
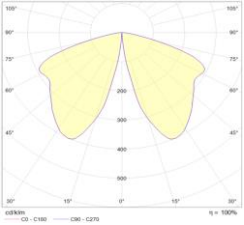
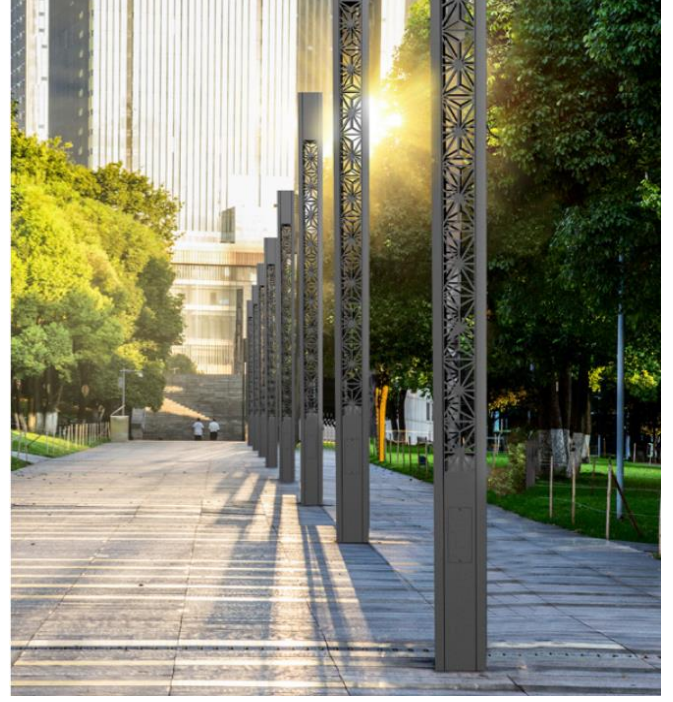
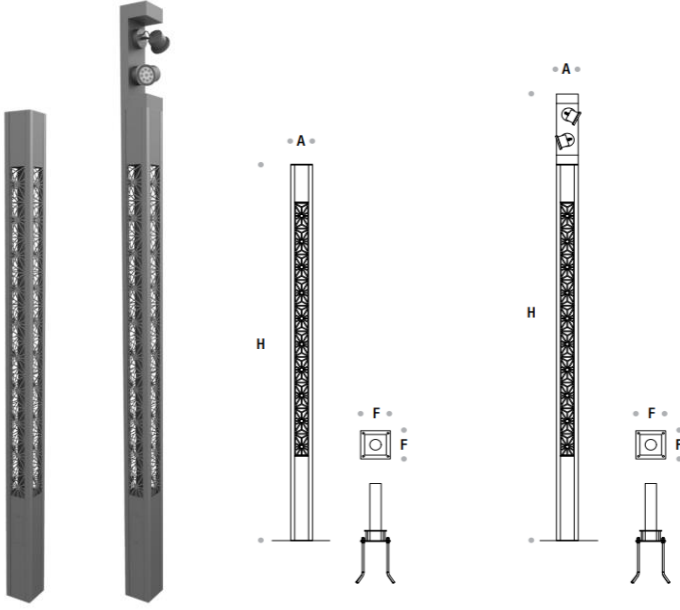
## ÜRÜN ÖZELLİKLERİ/PRODUCT SPECIFICATIONS

Ürün Tanımı	Direk Aydınlatma	Product Descripton	Pole Lighting
Gövde	Alüminyum Paslanmaz Çelik Civatalar Silikon Conta	Body	Aluminum Housing Stainless Steel Screws Silicone Gaskets
Difüzör		Diffuser	
SDCM (MacAdam)	3	SDCM (MacAdam)	3
Renk Sıcaklığı	3000K/4000K	Colour Temperature	3000K/4000K
Ömür	50000h	Life Time	50000h
Çalışma Sıcaklığı	-25°C/+50°C	Operating Temperature	-25°C/+50°C
LED	Nichia	LED	Nichia
Uygunluk	EN60598-1:2009-04	Conformity	EN60598-1:2009-04



Ürün Kodu Product Code	Güç Power	Çıkış Işık Akısı Lumen Output	Verimlilik Efficiency	Işık Açısı Beam Angle	Işık Kaynağı Light Source	CRI	A (mm)	B (mm)	C (mm)	H (mm)	F (mm)
55133	54W	5940Lm	110Lm/W	-	LED	+80	165	250	215	3000-5000	300



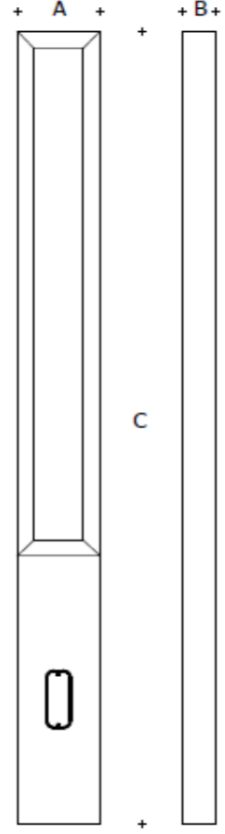


## ÜRÜN ÖZELLİKLERİ/PRODUCT SPECIFICATIONS

Ürün Tanımı	Product Description
Direk Aydınlatma	Pole Lighting
Gövde	Body
Alüminyum	Aluminum Housing
Paslanmaz Çelik Civatalar	Stainless Steel Screws
Silikon Conta	Silicone Gaskets
Difüzör	Diffuser
SDCM (MacAdam)	SDCM (MacAdam)
3	3
Renk Sıcaklığı	Colour Temperature
2700K/3000K/4000K	2700K/3000K/4000K
Ömür	Life Time
50000h	50000h
Çalışma Sıcaklığı	Operating Temperature
-25°C/+50°C	-25°C/+50°C
LED	LED
Nichia	Nichia
Uygunluk	Conformity
EN60598-1:2009-04	EN60598-1:2009-04

Ürün Kodu Product Code	Güç Power	Çıkış Işık Akısı Lumen Output	Verimlilik Efficiency	Işık Açısı Beam Angle	Işık Kaynağı Light Source	CRI	A (mm)	F (mm)	H (mm)
55046	54W	6480Lm	120Lm/W	-	LED	+80	220	320	4000
55047	54W+2x40W	6480+2x4800Lm	120Lm/W	-	LED	+80	220	320	4750
55048	54W+3x40W	6480+3x4800Lm	120Lm/W	-	LED	+80	220	320	5125



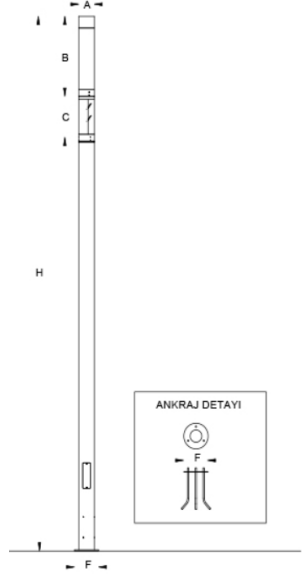
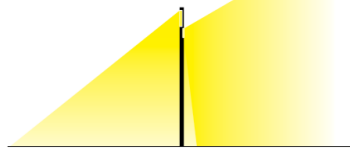
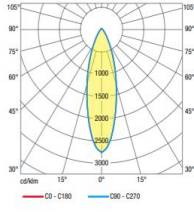
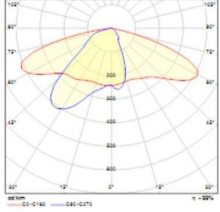


## ÜRÜN ÖZELLİKLERİ/PRODUCT SPECIFICATIONS

Ürün Tanımı	Direk Aydınlatma	Product Descripton	Pole Lighting
Gövde	Alüminyum Enjeksiyon Paslanmaz Çelik Civatalar, Temperli Cam	Body	Die-Cast Aluminum Stainless Steel Screws Tempered Glass
Diffüzör	Temperli Cam	Diffuser	Tempered Glass
SDCM (MacAdam)	3	SDCM (MacAdam)	3
Renk Sıcaklığı	2700K/3000K/4000K	Colour Temperature	2700K/3000K/4000K
Ömür	50000h	Life Time	50000h
Çalışma Sıcaklığı	-25°C/+50°C	Operating Temperature	-25°C/+50°C
LED	Nichia	LED	Nichia
Uygunluk	EN60598-1:2009-04	Conformity	EN60598-1:2009-04

Ürün Kodu Product Code	Güç Power	Çıktı Işık Akısı Lumen Output	Verimlilik Efficiency	Işık Açısı Beam Angle	Işık Kaynağı Light Source	CRI	A (mm)	B (mm)	C (mm)
55070	20W	2400Lm	120Lm/W	-	LED	+80	350	140	3000/4000
55071	40W	4800Lm	120Lm/W	-	LED	+80	350	140	3000/4000



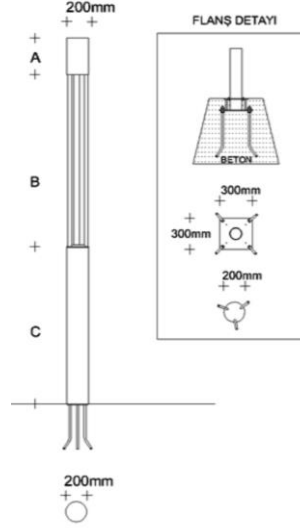
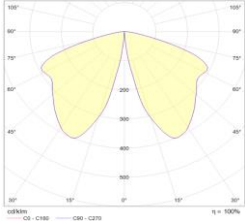


## ÜRÜN ÖZELLİKLERİ/PRODUCT SPECIFICATIONS

<b>Ürün Tanımı</b>	Direk Aydınlatma	<b>Product Descripton</b>	Pole Lighting
<b>Gövde</b>	Alüminyum Enjeksiyon	<b>Body</b>	Die-Cast Aluminum
	Paslanmaz Çelik Civatalar,		Stainless Steel Screws
<b>Diffüzör</b>	Temperli Cam	<b>Diffuser</b>	Tempered Glass
<b>SDCM (MacAdam)</b>	3	<b>SDCM (MacAdam)</b>	3
<b>Renk Sıcaklığı</b>	2700K/3000K/4000K	<b>Colour Temperature</b>	2700K/3000K/4000K
<b>Ömür</b>	50000h	<b>Life Time</b>	50000h
<b>Çalışma Sıcaklığı</b>	-25°C/+50°C	<b>Operating Temperature</b>	-25°C/+50°C
<b>LED</b>	Nichia	<b>LED</b>	Nichia
<b>Uygunluk</b>	EN60598-1:2009-04	<b>Conformity</b>	EN60598-1:2009-04

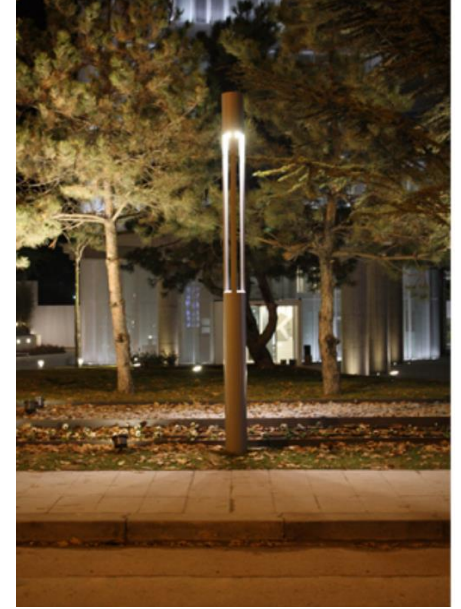
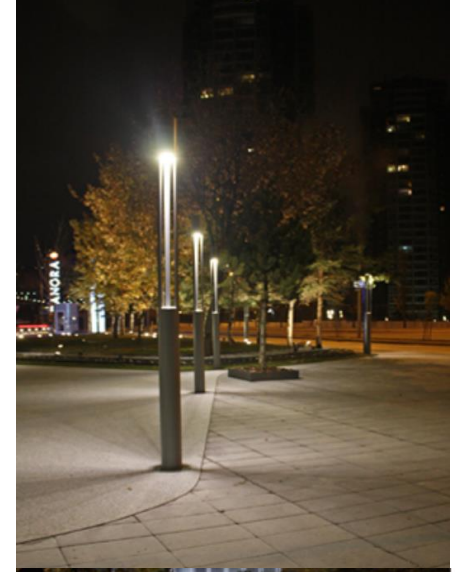
Ürün Kodu Product Code	Güç Power	Çıktı Işık Akısı Lumen Output	Verimlilik Efficiency	Işık Açısı Beam Angle	Işık Kaynağı Light Source	CRI	A (mm)	B (mm)	H (mm)
55059	55W+55W	13200Lm	120Lm/W	-	LED	+80	160	780	4000/6000





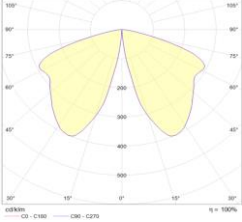
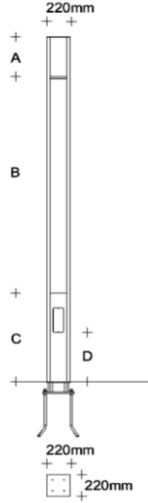
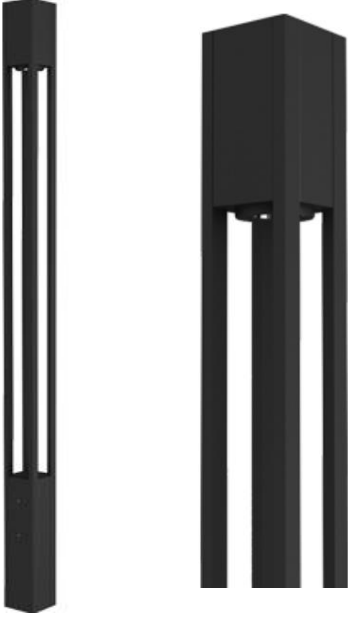
## ÜRÜN ÖZELLİKLERİ/PRODUCT SPECIFICATIONS

Ürün Tanımı	Direk Aydınlatma	Product Descripton	Pole Lighting
Gövde	Alüminyum Enjeksiyon Paslanmaz Çelik Civatalar,	Body	Die-Cast Aluminum Stainless Steel Screws
Difüzör	Temperli Cam	Diffuser	Tempered Glass
SDCM (MacAdam)	3	SDCM (MacAdam)	3
Renk Sıcaklığı	2700K/3000K/4000K	Colour Temperature	2700K/3000K/4000K
Ömür	50000h	Life Time	50000h
Çalışma Sıcaklığı	-25°C/+50°C	Operating Temperature	-25°C/+50°C
LED	Nichia	LED	Nichia
Uygunluk	EN60598-1:2009-04	Conformity	EN60598-1:2009-04



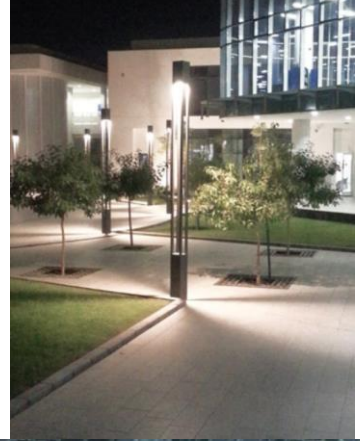
Ürün Kodu Product Code	Güç Power	Çıkış Işık Akısı Lumen Output	Verimlilik Efficiency	Işık Açısı Beam Angle	Işık Kaynağı Light Source	CRI	A (mm)	B (mm)	H (mm)
55036	54W	6480lm	120lm/W	-	LED	+80	350	1650	4500





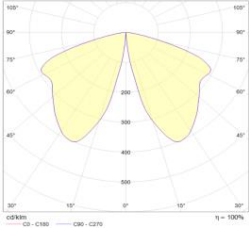
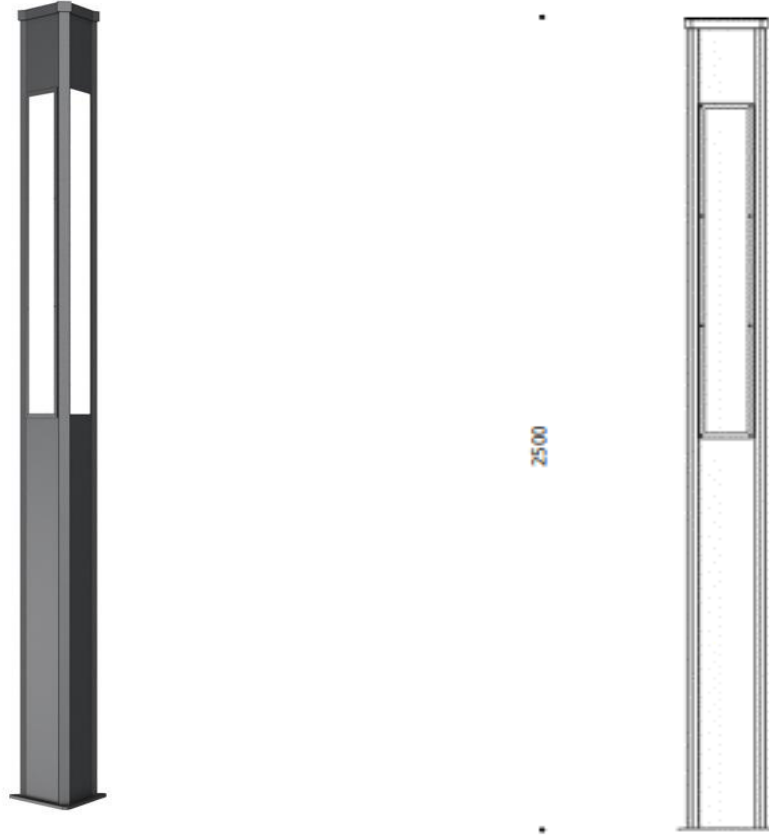
## ÜRÜN ÖZELLİKLERİ/PRODUCT SPECIFICATIONS

<b>Ürün Tanımı</b>	Direk Aydınlatma	<b>Product Descripton</b>	Pole Lighting
<b>Gövde</b>	Alüminyum Enjeksiyon Paslanmaz Çelik Civatalar,	<b>Body</b>	Die-Cast Aluminum Stainless Steel Screws
<b>Difüzör</b>	Temperli Cam	<b>Diffuser</b>	Tempered Glass
<b>SDCM (MacAdam)</b>	3	<b>SDCM (MacAdam)</b>	3
<b>Renk Sıcaklığı</b>	2700K/3000K/4000K	<b>Colour Temperature</b>	2700K/3000K/4000K
<b>Ömür</b>	50000h	<b>Life Time</b>	50000h
<b>Çalışma Sıcaklığı</b>	-25°C/+50°C	<b>Operating Temperature</b>	-25°C/+50°C
<b>LED</b>	Nichia	<b>LED</b>	Nichia
<b>Uygunluk</b>	EN60598-1:2009-04	<b>Conformity</b>	EN60598-1:2009-04



Ürün Kodu Product Code	Güç Power	Çıkış Işık Akısı Lumen Output	Verimlilik Efficiency	Işık Açısı Beam Angle	Işık Kaynağı Light Source	CRI	A (mm)	B (mm)	H (mm)
55035	54W	6480Lm	120Lm/W	-	LED	+80	400	3200	4500



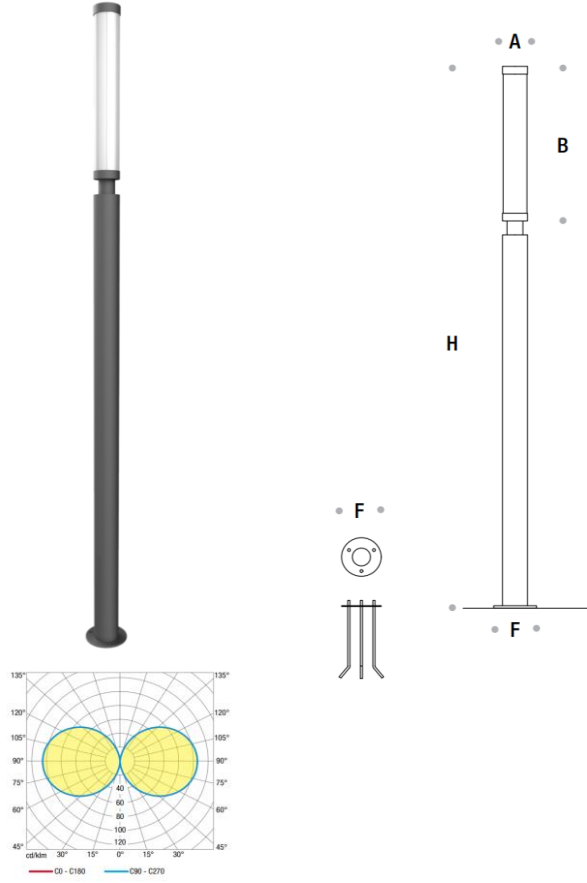


## ÜRÜN ÖZELLİKLERİ/PRODUCT SPECIFICATIONS

Ürün Tanımı	Modern Direk	Product Descripton	Modern Pole
Gövde	Ana Gövde Alüminyum Kutu Profil Elektrostatik Toz Boya Paslanmaz Vidalar	Body	The Main Body of Aluminum Box Profile Elektrostatik Toz Boya Stainless Screws
Reflektör		Reflector	
Difüzör	PMMA	Diffuser	PMMA
SDCM (MacAdam)	3	SDCM (MacAdam)	3
Renk Sıcaklığı	3000K/4000K	Colour Temperature	3000K/4000K
Ömür	50000h	Life Time	50000h
Çalışma Sıcaklığı	- 25°C / +50°C	Operating Temperature	- 25°C / +50°C
LED	Osram/Tridonic/Nichia Samsung/Cree	LED	Osram/Tridonic/Nichia Samsung/Cree
Uygunluk	EN 60598-1 EN 60598-2-1	Conformity	EN 60598-1 EN 60598-2-1

Ürün Kodu Product Code	Güç Power	Çıkış Işık Akısı Lumen Output	Verimlilik Efficiency	Işık Açısı Beam Angle	Işık Kaynağı Light Source	CRI	L (mm)	W (mm)	H (mm)
55107	20W	2300Lm	115Lm/W		LED	80			2500
55108	40W	4600Lm	115Lm/W		LED	80			2500





## ÜRÜN ÖZELLİKLERİ/PRODUCT SPECIFICATIONS

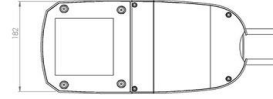
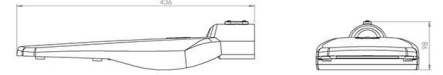
Ürün Tanımı	Direk Aydınlatma	Product Descripton	Pole Lighting
Gövde	Çelik Paslanmaz Çelik Civatalar, Sıcak Daldırma Galveniz 4x22 H:75 cm Beton Saplama	Body	Steel Stainless Steel Screw Hot-Dip Galvanized 4x22 H:75 cm Gijon
Lens	M3 Mercek LEDLINK	Lens	M3 Lens LEDLINK
SDCM (MacAdam)	3	SDCM (MacAdam)	3
Renk Sıcaklığı	2700K/3000K/4000K	Colour Temperature	2700K/3000K/4000K
Ömür	50000h	Life Time	50000h
Çalışma Sıcaklığı	-25°C/+50°C	Operating Temperature	-25°C/+50°C
LED	Nichia	LED	Nichia
Uygunluk	EN60598-1:2009-04	Conformity	EN60598-1:2009-04

Ürün Kodu Product Code	Güç Power	Çıkış Işık Akısı Lumen Output	Verimlilik Efficiency	Işık Açısı Beam Angle	Işık Kaynağı Light Source	CRI	A (mm)	B (mm)	H (mm)
55077	20W	2400Lm	120Lm/w	-	LED	+80	157	900	3500
55078	54W	6480Lm	120Lm/w	-	LED	+80	157	900	3500





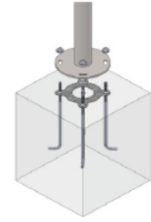




## ÜRÜN ÖZELLİKLERİ/PRODUCT SPECIFICATIONS

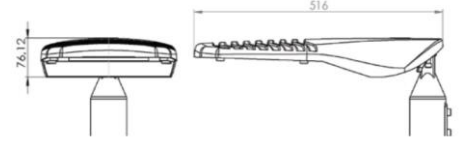
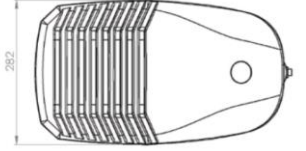
Ürün Tanımı	Direk Aydınlatma
Gövde	Alüminyum Enjeksiyon Gövde Elektrostatik Toz Boya
Reflektör	
Difüzör	Şeffaf Temperli Cam
SDCM (MacAdam)	3
Renk Sıcaklığı	2500K/6500K
Ömür	50000h
Çalışma Sıcaklığı	- 25°C / +50°C
LED	Osram/Tridonic/Nichia Samsung/Cree
Uygunluk	EN 60598-1 EN 60598-2-1 EN60598-2-3

Product Descripton	Pole Lighting
Body	Aluminum Housing Elektrostatik Toz Boya
Reflector	
Diffuser	Clear Tempered Glass
SDCM (MacAdam)	3
Colour Temperature	2500K/6500K
Life Time	50000h
Operating Temperature	- 25°C / +50°C
LED	Osram/Tridonic/Nichia Samsung/Cree
Conformity	EN 60598-1 EN 60598-2-1 EN60598-2-3



Ürün Kodu Product Code	Güç Power	Çıkış Işık Akısı Lumen Output	Verimlilik Efficiency	Işık Açısı Beam Angle	Işık Kaynağı Light Source	CRI	L (mm)	W (mm)	H (mm)
55106	30W	3900Lm	130Lm/W	Simetrik-Asimetrik	LED	80	436	182	98
55105	40W	5200Lm	130Lm/W	Simetrik-Asimetrik	LED	80	436	182	98
55104	60W	7800Lm	130Lm/W	Simetrik-Asimetrik	LED	80	436	182	98
55103	80W	3900Lm	50Lm/W	Simetrik-Asimetrik	LED	80	436	182	98

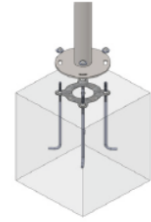




## ÜRÜN ÖZELLİKLERİ/PRODUCT SPECIFICATIONS

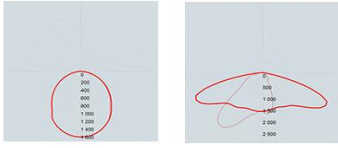
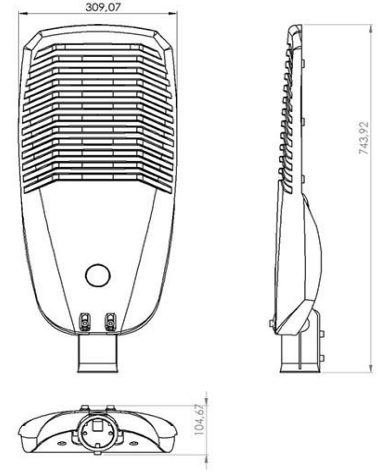
<b>Ürün Tanımı</b>	Direk Aydınlatma
<b>Gövde</b>	Alüminyum Enjeksiyon Gövde Elektrostatik Toz Boya
<b>Reflektör</b>	
<b>Difüzör</b>	Şeffaf Temperli Cam
<b>SDCM (MacAdam)</b>	3
<b>Renk Sıcaklığı</b>	2500K/6500K
<b>Ömür</b>	50000h
<b>Çalışma Sıcaklığı</b>	- 25°C / +50°C
<b>LED</b>	Osram/Tridonic/Nichia Samsung/Cree
<b>Uygunluk</b>	EN 60598-1 EN 60598-2-1 EN60598-2-3

<b>Product Description</b>	Pole Lighting
<b>Body</b>	Aluminum Housing Elektrostatik Toz Boya
<b>Reflector</b>	
<b>Diffuser</b>	Clear Tempered Glass
<b>SDCM (MacAdam)</b>	3
<b>Colour Temperature</b>	2500K/6500K
<b>Life Time</b>	50000h
<b>Operating Temperature</b>	- 25°C / +50°C
<b>LED</b>	Osram/Tridonic/Nichia Samsung/Cree
<b>Conformity</b>	EN 60598-1 EN 60598-2-1 EN60598-2-3



Ürün Kodu Product Code	Güç Power	Çıkış Işık Akısı Lumen Output	Verimlilik Efficiency	Işık Açısı Beam Angle	Işık Kaynağı Light Source	CRI	L (mm)	W (mm)	H (mm)
55138	80W	9600Lm	120Lm/W	Simetrik-Asimetrik	LED	80	516	282	76
55102	100W	11200Lm	112Lm/W	Simetrik-Asimetrik	LED	80	516	282	76
55101	120W	13440Lm	112Lm/W	Simetrik-Asimetrik	LED	80	516	282	76
55139	140W	18200Lm	130Lm/W	Simetrik-Asimetrik	LED	80	516	282	76

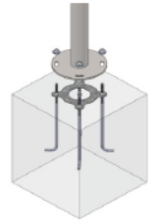




## ÜRÜN ÖZELLİKLERİ/PRODUCT SPECIFICATIONS

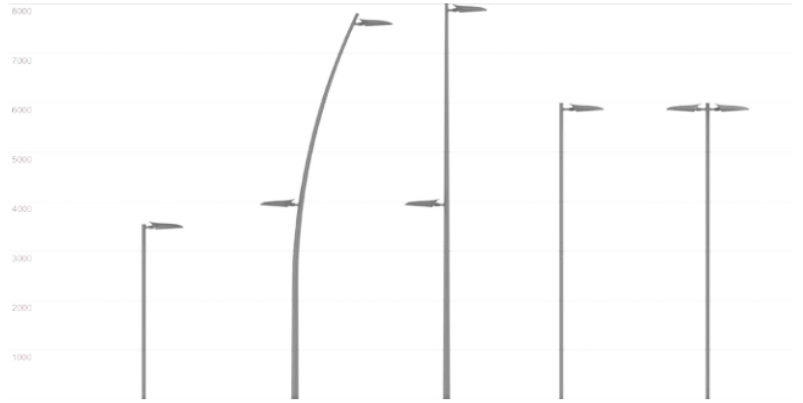
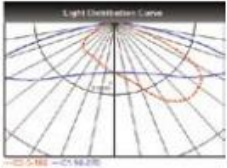
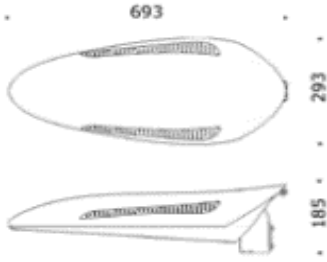
<b>Ürün Tanımı</b>	Direk Aydınlatma
<b>Gövde</b>	Alüminyum Enjeksiyon Gövde Elektrostatik Toz Boya
<b>Reflektör</b>	
<b>Difüzör</b>	Şeffaf Temperli Cam
<b>SDCM (MacAdam)</b>	3
<b>Renk Sıcaklığı</b>	2500K/6500K
<b>Ömür</b>	50000h
<b>Çalışma Sıcaklığı</b>	- 25°C / +50°C
<b>LED</b>	Osram/Tridonic/Nichia Samsung/Cree
<b>Uygunluk</b>	EN 60598-1 EN 60598-2-1 EN60598-2-3

<b>Product Descripton</b>	Pole Lighting
<b>Body</b>	Aluminum Housing Elektrostatik Toz Boya
<b>Reflector</b>	
<b>Diffuser</b>	Clear Tempered Glass
<b>SDCM (MacAdam)</b>	3
<b>Colour Temperature</b>	2500K/6500K
<b>Life Time</b>	50000h
<b>Operating Temperature</b>	- 25°C / +50°C
<b>LED</b>	Osram/Tridonic/Nichia Samsung/Cree
<b>Conformity</b>	EN 60598-1 EN 60598-2-1 EN60598-2-3



Ürün Kodu Product Code	Güç Power	Çıkış Işık Akısı Lumen Output	Verimlilik Efficiency	Işık Açısı Beam Angle	Işık Kaynağı Light Source	CRI	L (mm)	W (mm)	H (mm)
55141	150W	19500Lm	130Lm/W	Simetrik-Asimetrik	LED	80	743,92	309,07	104,67
55142	180W	23400Lm	130Lm/W	Simetrik-Asimetrik	LED	80	743,92	309,07	104,67
55143	200W	26000Lm	130Lm/W	Simetrik-Asimetrik	LED	80	743,92	309,07	104,67
55144	220W	28600Lm	130Lm/W	Simetrik-Asimetrik	LED	80	743,92	309,07	104,67
55145	240W	31200Lm	130Lm/W	Simetrik-Asimetrik	LED	80	743,92	309,07	104,67





**ÜRÜN ÖZELLİKLERİ/PRODUCT SPECIFICATIONS**

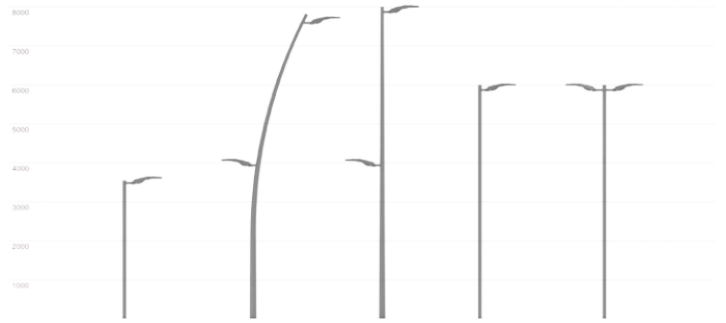
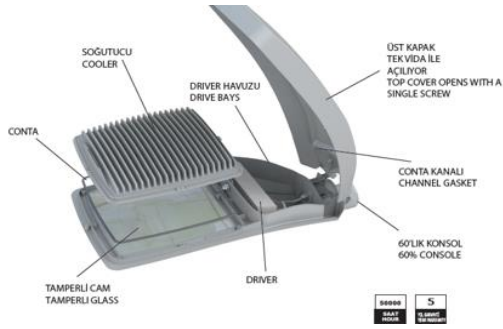
<b>Ürün Tanımı</b>	Direk Aydınlatma
<b>Gövde</b>	Alüminyum Enjeksiyon Gövde Elektrostatik Toz Boya
<b>Reflektör</b>	
<b>Difüzör</b>	Şeffaf Temperli Cam
<b>SDCM (MacAdam)</b>	3
<b>Renk Sıcaklığı</b>	2500K/6500K
<b>Ömür</b>	50000h
<b>Çalışma Sıcaklığı</b>	- 25°C / +50°C
<b>LED</b>	Osram/Tridonic/Nichia Samsung/Cree
<b>Uygunluk</b>	EN 60598-1 EN 60598-2-1

<b>Product Description</b>	Pole Lighting
<b>Body</b>	Aluminum Housing Elektrostatik Toz Boya
<b>Reflector</b>	
<b>Diffuser</b>	Clear Tempered Glass
<b>SDCM (MacAdam)</b>	3
<b>Colour Temperature</b>	2500K/6500K
<b>Life Time</b>	50000h
<b>Operating Temperature</b>	- 25°C / +50°C
<b>LED</b>	Osram/Tridonic/Nichia Samsung/Cree
<b>Conformity</b>	EN 60598-1 EN 60598-2-1



Ürün Kodu Product Code	Güç Power	Çıkış Işık Akısı Lumen Output	Verimlilik Efficiency	Işık Açısı Beam Angle	Işık Kaynağı Light Source	CRI	L (mm)	W (mm)	H (mm)
55079	40W	4600Lm	115Lm/W		LED	80	693	293	185
55080	73W	8250Lm	113Lm/W		LED	80	693	293	185
55001	90W	10170Lm	113Lm/W		LED	80	693	293	185
55081	120W	13500Lm	113Lm/W		LED	80	693	293	185
55082	150W	13500Lm	90Lm/W		LED	80	693	293	185

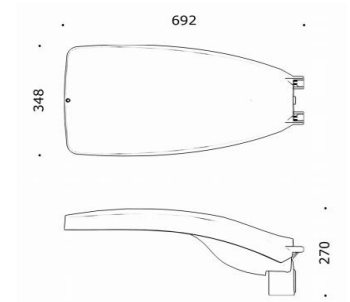




**ÜRÜN ÖZELLİKLERİ/PRODUCT SPECIFICATIONS**

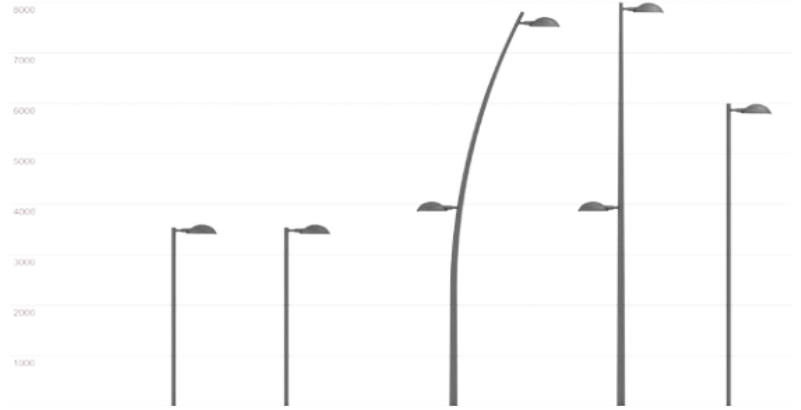
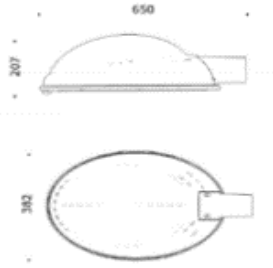
<b>Ürün Tanımı</b>	Direk Aydınlatma
<b>Gövde</b>	Alüminyum Enjeksiyon Gövde Elektrostatik Toz Boya
<b>Reflektör</b>	
<b>Difüzör</b>	Şeffaf Temperli Cam
<b>SDCM (MacAdam)</b>	3
<b>Renk Sıcaklığı</b>	2500K/6500K
<b>Ömür</b>	50000h
<b>Çalışma Sıcaklığı</b>	- 25°C / +50°C
<b>LED</b>	Osram/Tridonic/Nichia Samsung/Cree
<b>Uygunluk</b>	EN 60598-1 EN 60598-2-1 EN60598-2-3

<b>Product Descripton</b>	Pole Lighting
<b>Body</b>	Aluminum Housing Elektrostatic Powder Coating
<b>Reflector</b>	
<b>Diffuser</b>	Clear Tempered Glass
<b>SDCM (MacAdam)</b>	3
<b>Colour Temperature</b>	2500K/6500K
<b>Life Time</b>	50000h
<b>Operating Temperature</b>	- 25°C / +50°C
<b>LED</b>	Osram/Tridonic/Nichia Samsung/Cree
<b>Conformity</b>	EN 60598-1 EN 60598-2-1 EN60598-2-3



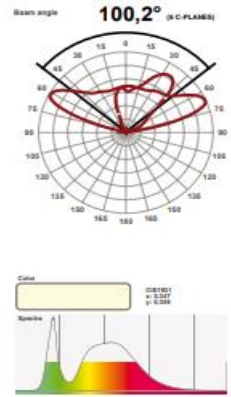
Ürün Kodu Product Code	Güç Power	Çıkış Işık Akısı Lumen Output	Verimlilik Efficiency	Işık Açısı Beam Angle	Işık Kaynağı Light Source	CRI	L (mm)	W (mm)	H (mm)
55014	40W	4600Lm	115Lm/W		LED	80	692	348	270
55015	73W	8250Lm	113Lm/W		LED	80	692	348	270
55016	100W	11300Lm	113Lm/W		LED	80	692	348	270
55017	120W	13500Lm	113Lm/W		LED	80	692	348	270





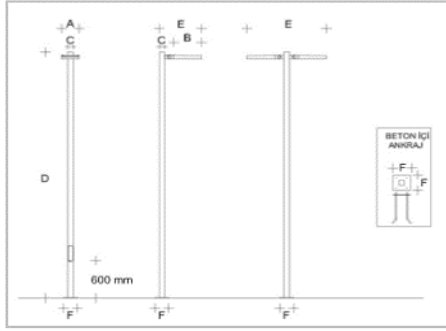
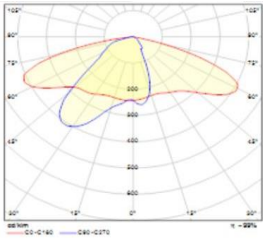
## ÜRÜN ÖZELLİKLERİ/PRODUCT SPECIFICATIONS

<b>Ürün Tanımı</b>	Direk Aydınlatma	<b>Product Description</b>	Pole Lighting
<b>Gövde</b>	Alüminyum Enjeksiyon Gövde Elektrostatik Toz Boya	<b>Body</b>	Aluminum Housing Elektrostatik Powder Coating
<b>Reflektör</b>		<b>Reflector</b>	
<b>Difüzör</b>	Şeffaf Temperli Cam	<b>Diffuser</b>	Clear Tempered Glass
<b>SDCM (MacAdam)</b>	3	<b>SDCM (MacAdam)</b>	3
<b>Renk Sıcaklığı</b>	2500K/6500K	<b>Colour Temperature</b>	2500K/6500K
<b>Ömür</b>	50000h	<b>Life Time</b>	50000h
<b>Çalışma Sıcaklığı</b>	- 25°C / +50°C	<b>Operating Temperature</b>	- 25°C / +50°C
<b>LED</b>	Osram/Tridonic/Nichia Samsung/Cree	<b>LED</b>	Osram/Tridonic/Nichia Samsung/Cree
<b>Uygunluk</b>	EN 60598-1 EN 60598-2-1	<b>Conformity</b>	EN 60598-1 EN 60598-2-1



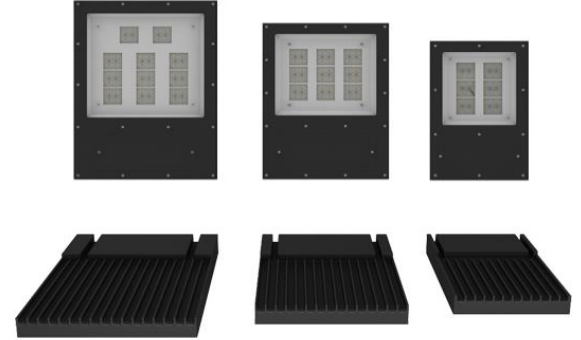
Ürün Kodu Product Code	Güç Power	Çıkış Işık Akısı Lumen Output	Verimlilik Efficiency	Işık Açısı Beam Angle	Işık Kaynağı Light Source	CRI	L (mm)	W (mm)	H (mm)
55083	60W	6900Lm	115Lm/W		LED	80	650	382	207
55084	73,2W	8250Lm	112Lm/W		LED	80	650	382	207
55085	120W	13500Lm	113Lm/W		LED	80	650	382	207





**ÜRÜN ÖZELLİKLERİ/PRODUCT SPECIFICATIONS**

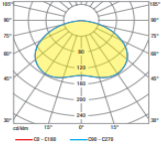
Ürün Tanımı	Direk Aydınlatma	Product Descripton	Pole Lighting
Gövde	Alüminyum Enjeksiyon Paslanmaz Çelik Civatalar	Body	Die-Cast Aluminum Stainless Steel Screw
Difüzör	Temperli Cam	Diffuser	Tempered Glass
SDCM (MacAdam)	3	SDCM (MacAdam)	3
Renk Sıcaklığı	2700K/3000K/4000K	Colour Temperature	2700K/3000K/4000K
Ömür	50000h	Life Time	50000h
Çalışma Sıcaklığı	-25°C/+50°C	Operating Temperature	-25°C/+50°C
LED	Nichia	LED	Nichia
Uygunluk	EN60598-1:2009-04	Conformity	EN60598-1:2009-04



Ürün Kodu Product Code	Güç Power	Çıkış Işık Akısı Lumen Output	Verimlilik Efficiency	Işık Açısı Beam Angle	Işık Kaynağı Light Source	CRI	A (mm)	B (mm)	H (mm)
55028	84W	10080Lm	120Lm/W	-	LED	+80	250	400	4000
55029	96W	11520Lm	120Lm/W	-	LED	+80	325	450	6000
55030	144W	17280Lm	120Lm/W	-	LED	+80	370	520	8000

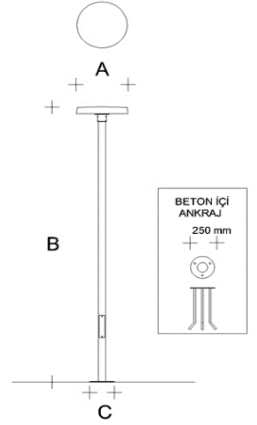






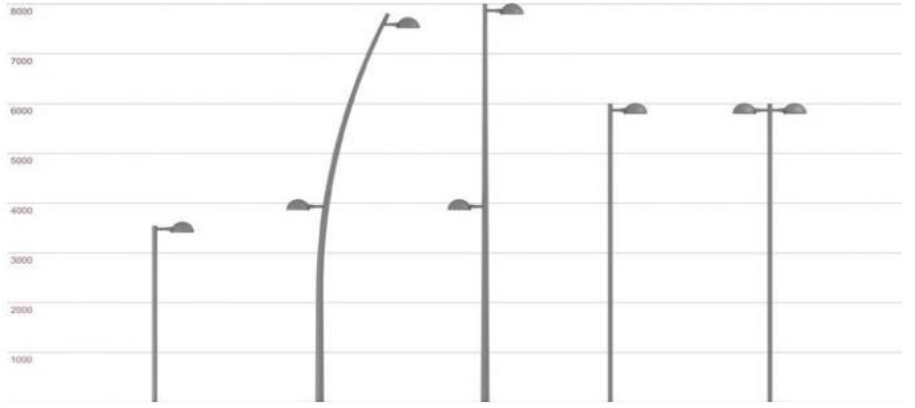
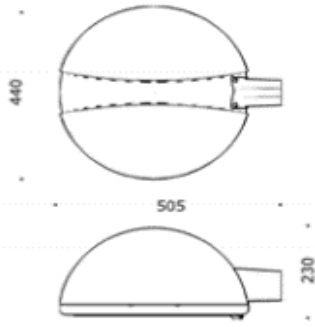
## ÜRÜN ÖZELLİKLERİ/PRODUCT SPECIFICATIONS

Ürün Tanımı	Direk Aydınlatma	Product Description	Armature And Modern Lighting
Gövde	Alüminyum Enjeksiyon Gövde Elektrostatik Toz Boya Paslanmaz Çelik Civatalar	Body	Aluminum Housing Elektrostatic Powder Coating Stainless Steel Screws
Reflektör		Reflector	
Difüzör	Darbeye Dayanıklı PMMA	Diffuser	Shockproof PMMA
SDCM (MacAdam)	3	SDCM (MacAdam)	3
Renk Sıcaklığı	3000K/4000K	Colour Temperature	3000K/4000K
Ömür	50000h	Life Time	50000h
Çalışma Sıcaklığı	40°C / +55°C	Operating Temperature	40°C / +55°C
LED	Osram/Tridonic/Nichia Samsung/Cree	LED	Osram/Tridonic/Nichia Samsung/Cree
Uygunluk	EN 60598-1 EN 60598-2-1	Conformity	EN 60598-1 EN 60598-2-1



Ürün Kodu Product Code	Güç Power	Çıkış Işık Akısı Lumen Output	Verimlilik Efficiency	Işık Açısı Beam Angle	Işık Kaynağı Light Source	CRI	A (mm)	B (mm)	C (mm)
55132	36W	3960Lm	110Lm/W		LED	80	520	3000	250

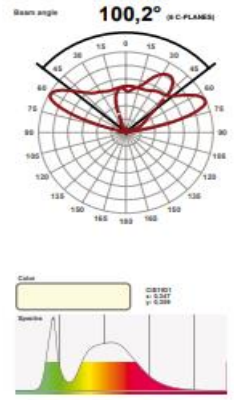




## ÜRÜN ÖZELLİKLERİ/PRODUCT SPECIFICATIONS

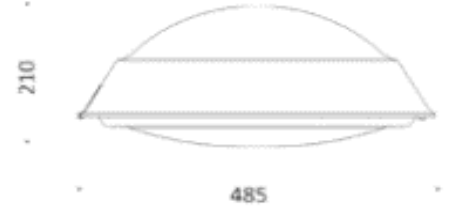
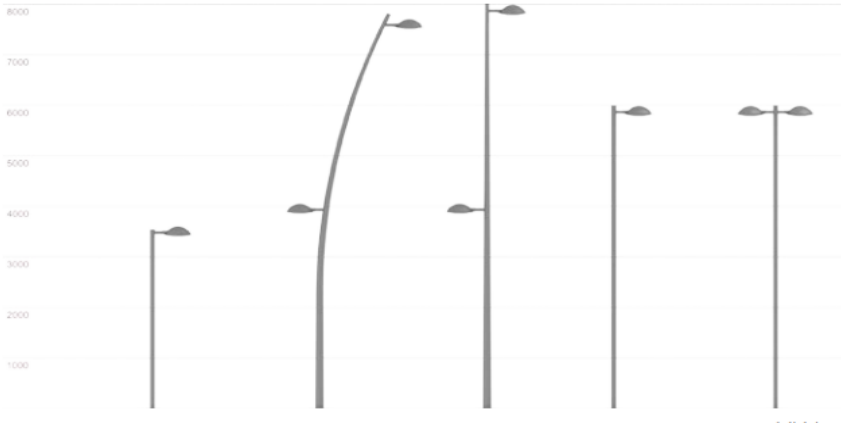
Ürün Tanımı	Direk Aydınlatma
Gövde	Alüminyum Enjeksiyon Gövde Elektrostatik Toz Boya
Reflektör	
Difüzör	Şeffaf Temperli Cam
SDCM (MacAdam)	3
Renk Sıcaklığı	3000K/4000K
Ömür	50000h
Çalışma Sıcaklığı	- 25°C / +50°C
LED	Osram/Tridonic/Nichia Samsung/Cree
Uygunluk	EN 60598-1 EN 60598-2-1

Product Description	Pole Lighting
Body	Aluminum Housing Elektrostatik Toz Boya
Reflector	
Diffuser	Clear Tempered Glass
SDCM (MacAdam)	3
Colour Temperature	3000K/4000K
Life Time	50000h
Operating Temperature	- 25°C / +50°C
LED	Osram/Tridonic/Nichia Samsung/Cree
Conformity	EN 60598-1 EN 60598-2-1



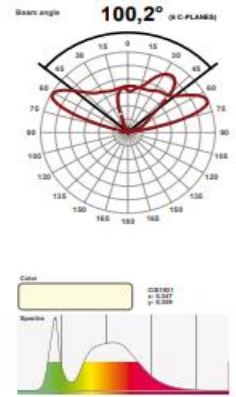
Ürün Kodu Product Code	Güç Power	Çıkış Işık Akısı Lumen Output	Verimlilik Efficiency	Işık Açısı Beam Angle	Işık Kaynağı Light Source	CRI	L (mm)	W (mm)	H (mm)
55089	40W	4600Lm	115Lm/W		LED	80	505	440	230
55090	60W	6900Lm	115Lm/W		LED	80	505	440	230
55091	120W	13500Lm	113Lm/W		LED	80	505	440	230





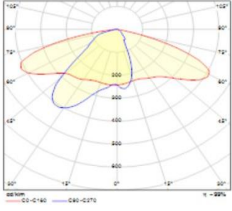
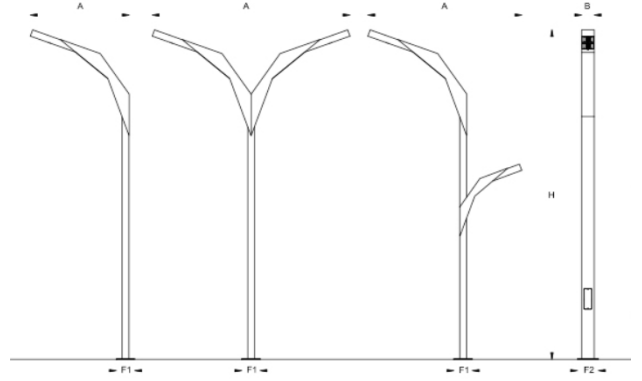
## ÜRÜN ÖZELLİKLERİ/PRODUCT SPECIFICATIONS

<b>Ürün Tanımı</b>	Direk Aydınlatma	<b>Product Description</b>	Pole Lighting
<b>Gövde</b>	Alüminyum Enjeksiyon Gövde Elektrostatik Toz Boya	<b>Body</b>	Aluminum Housing Elektrostatik Toz Boya
<b>Reflektör</b>		<b>Reflector</b>	
<b>Difüzör</b>	Şeffaf Temperli Cam	<b>Diffuser</b>	Clear Tempered Glass
<b>SDCM (MacAdam)</b>	3	<b>SDCM (MacAdam)</b>	3
<b>Renk Sıcaklığı</b>	3000K/4000K	<b>Colour Temperature</b>	3000K/4000K
<b>Ömür</b>	50000h	<b>Life Time</b>	50000h
<b>Çalışma Sıcaklığı</b>	- 25°C / +50°C	<b>Operating Temperature</b>	- 25°C / +50°C
<b>LED</b>	Osram/Tridonic/Nichia Samsung/Cree	<b>LED</b>	Osram/Tridonic/Nichia Samsung/Cree
<b>Uygunluk</b>	EN 60598-1 EN 60598-2-1	<b>Conformity</b>	EN 60598-1 EN 60598-2-1



Ürün Kodu Product Code	Güç Power	Çıkış Işık Akısı Lumen Output	Verimlilik Efficiency	Işık Açısı Beam Angle	Işık Kaynağı Light Source	CRI	L (mm)	W (mm)	H (mm)
55086	60W	6900Lm	115Lm/W		LED	80	485	485	210
55087	90W	10350Lm	115Lm/W		LED	80	485	485	210
55088	120W	13500Lm	113Lm/W		LED	80	485	485	210



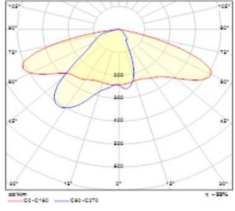
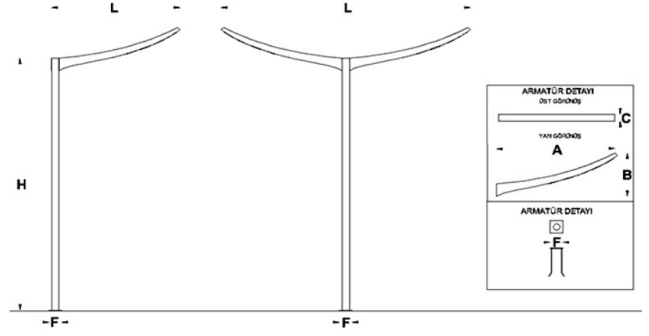


## ÜRÜN ÖZELLİKLERİ/PRODUCT SPECIFICATIONS

<b>Ürün Tanımı</b>	Direk Aydınlatma	<b>Product Descripton</b>	Pole Lighting
<b>Gövde</b>	Alüminyum Enjeksiyon Paslanmaz Çelik Civatalar,	<b>Body</b>	Die-Cast Aluminum Stainless Steel Screws
<b>Diffüzör</b>	Temperli Cam	<b>Diffuser</b>	Tempered Glass
<b>SDCM (MacAdam)</b>	3	<b>SDCM (MacAdam)</b>	3
<b>Renk Sıcaklığı</b>	2700K/3000K/4000K	<b>Colour Temperature</b>	2700K/3000K/4000K
<b>Ömür</b>	50000h	<b>Life Time</b>	50000h
<b>Çalışma Sıcaklığı</b>	-25°C/+50°C	<b>Operating Temperature</b>	-25°C/+50°C
<b>LED</b>	Nichia	<b>LED</b>	Nichia
<b>Uygunluk</b>	EN60598-1:2009-04	<b>Conformity</b>	EN60598-1:2009-04

Ürün Kodu Product Code	Güç Power	Çıkış Işık Akısı Lumen Output	Verimlilik Efficiency	Işık Açısı Beam Angle	Işık Kaynağı Light Source	CRI	A (mm)	B (mm)	H (mm)
55060	40W	4800Lm	120Lm/W	-	LED	+80	1175	150	3000/5000
55061	70W	8400Lm	120Lm/W	-	LED	+80	1175	150	3000/5000
55062	2x40W	9600Lm	120Lm/W	-	LED	+80	2350	150	3000/5000
55063	2x70W	16800Lm	120Lm/W	-	LED	+80	2350	150	3000/5000



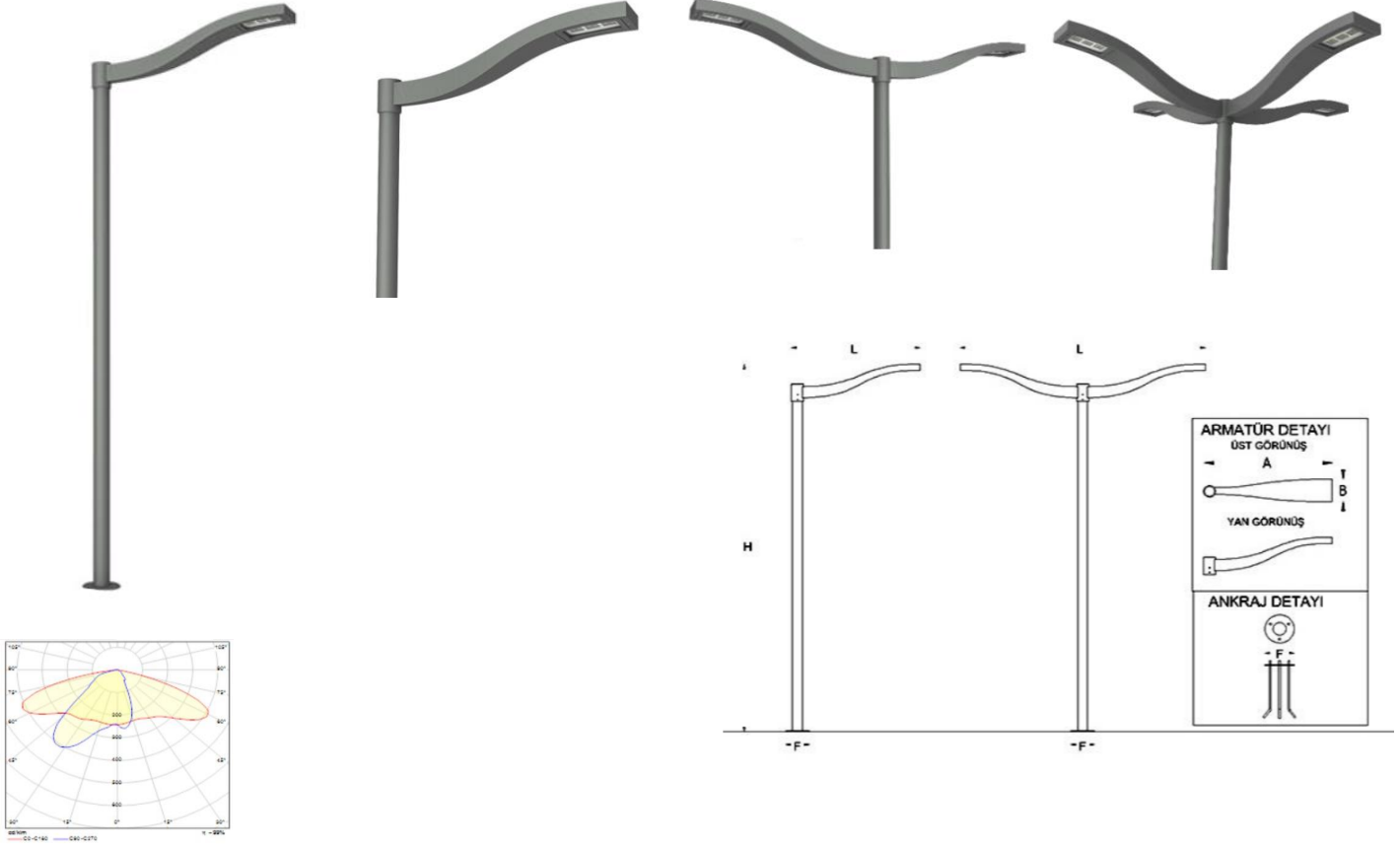


## ÜRÜN ÖZELLİKLERİ/PRODUCT SPECIFICATIONS

Ürün Tanımı	Direk Aydınlatma	Product Descripton	Pole Lighting
Gövde	Alüminyum Enjeksiyon Paslanmaz Çelik Civatalar,	Body	Die-Cast Aluminum Stainless Steel Screws
Diffüzör	Temperli Cam	Diffuser	Tempered Glass
Mercek	M3 Yol Aydınlatma Merceği	Lens	M3 Road Lighting Lens
SDCM (MacAdam)	3	SDCM (MacAdam)	3
Renk Sıcaklığı	2700K/3000K/4000K	Colour Temperature	2700K/3000K/4000K
Ömür	50000h	Life Time	50000h
Çalışma Sıcaklığı	-25°C/+50°C	Operating Temperature	-25°C/+50°C
LED	Nichia	LED	Nichia
Uygunluk	EN60598-1:2009-04	Conformity	EN60598-1:2009-04

Ürün Kodu Product Code	Güç Power	Çıkış Işık Akısı Lumen Output	Verimlilik Efficiency	Işık Açısı Beam Angle	Işık Kaynağı Light Source	CRI	A (mm)	B (mm)	H (mm)
55064	95W	11400Lm	120Lm/W	-	LED	+80	3265	1200	7000/8000
55065	205W	24600Lm	120Lm/W	-	LED	+80	3265	1200	7000/8000
55066	2x95W	2x11400Lm	120Lm/W	-	LED	+80	3265	1200	7000/8000
55067	2x205W	2x24600Lm	120Lm/W	-	LED	+80	3265	1200	7000/8000
55068	4x95W	4x11400Lm	120Lm/W	-	LED	+80	3265	1200	7000/8000
55069	4x205W	4x24600Lm	120Lm/W	-	LED	+80	3265	1200	7000/8000



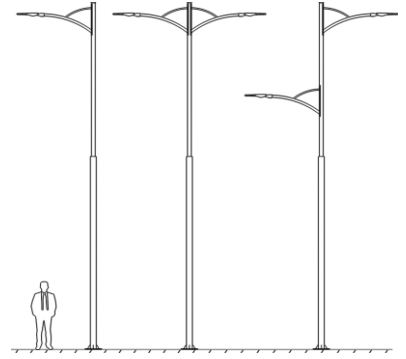


## ÜRÜN ÖZELLİKLERİ/PRODUCT SPECIFICATIONS

<b>Ürün Tanımı</b>	Direk Aydınlatma	<b>Product Descripton</b>	Pole Lighting
<b>Gövde</b>	Alüminyum Enjeksiyon Paslanmaz Çelik Civatalar,	<b>Body</b>	Die-Cast Aluminum Stainless Steel Screws
<b>Difüzör</b>	Temperli Cam	<b>Diffuser</b>	Tempered Glass
<b>Mercek</b>	M3 Yol Aydınlatma Merceği	<b>Lens</b>	M3 Road Lighting Lens
<b>SDCM (MacAdam)</b>	3	<b>SDCM (MacAdam)</b>	3
<b>Renk Sıcaklığı</b>	2700K/3000K/4000K	<b>Colour Temperature</b>	2700K/3000K/4000K
<b>Ömür</b>	50000h	<b>Life Time</b>	50000h
<b>Çalışma Sıcaklığı</b>	-25°C/+50°C	<b>Operating Temperature</b>	-25°C/+50°C
<b>LED</b>	Nichia	<b>LED</b>	Nichia
<b>Uygunluk</b>	EN60598-1:2009-04	<b>Conformity</b>	EN60598-1:2009-04

Ürün Kodu Product Code	Güç Power	Çıkış Işık Akısı Lumen Output	Verimlilik Efficiency	Işık Açısı Beam Angle	Işık Kaynağı Light Source	CRI	A (mm)	B (mm)	H (mm)
55051	40W	4800Lm	120Lm/W	-	LED	+80	1100	200	5000/6000
55052	80W	9600Lm	120Lm/W	-	LED	+80	1300	200	5000/6000
55053	160W	19200Lm	120Lm/W	-	LED	+80	1300	200	5000/6000
55054	2x40W	2x4800Lm	120Lm/W	-	LED	+80	1100	200	5000/6000
55055	2x80W	2x9600Lm	120Lm/W	-	LED	+80	1300	200	5000/6000
55056	2x160W	2x19200Lm	120Lm/W	-	LED	+80	1300	200	5000/6000
55074	4x40W	4x4800Lm	120Lm/W	-	LED	+80	1100	200	5000/6000
55075	4x80W	4x9600Lm	120Lm/W	-	LED	+80	1300	200	5000/6000
55076	4x160W	4x19200Lm	120Lm/W	-	LED	+80	1300	200	5000/6000

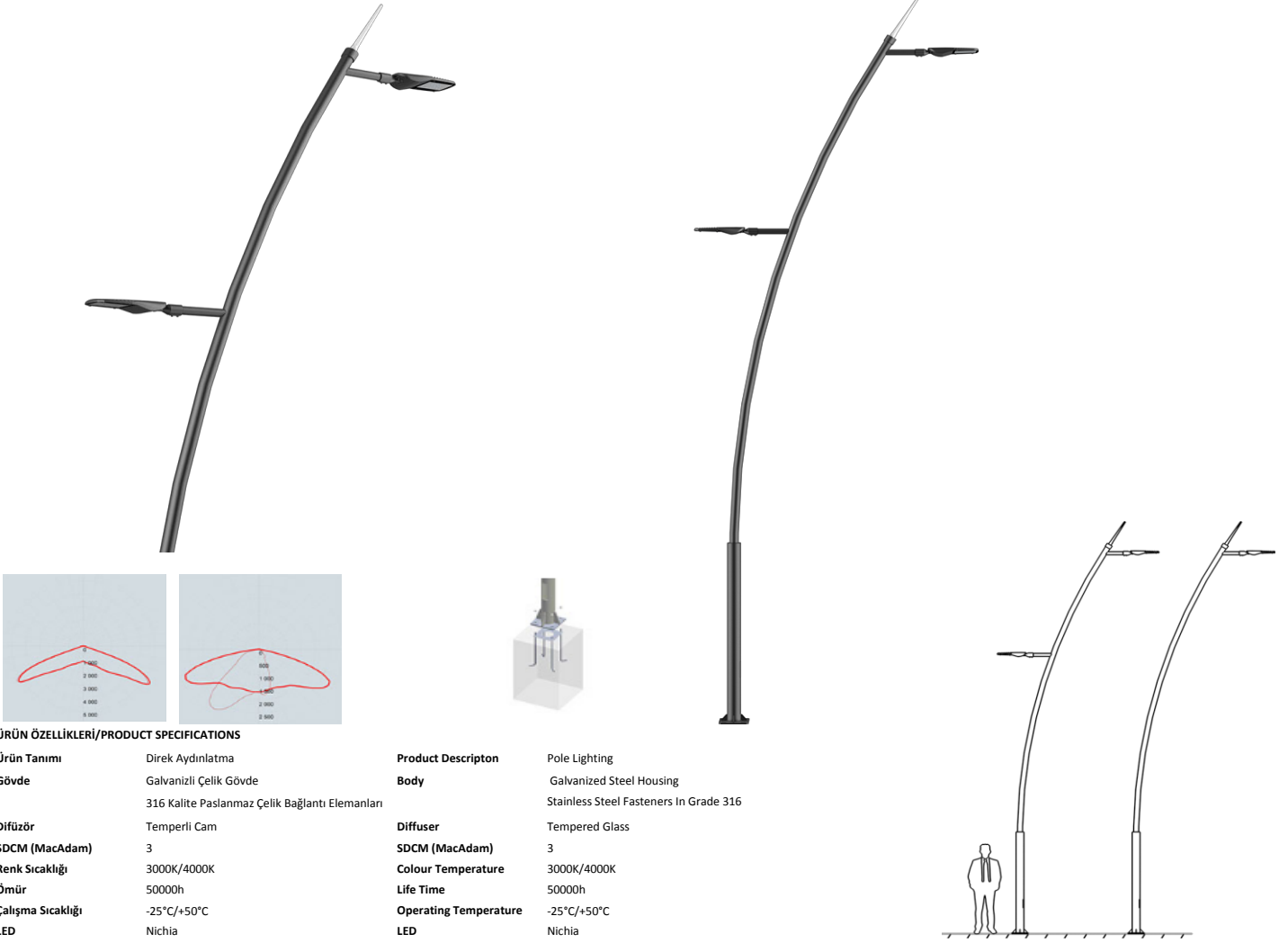




## ÜRÜN ÖZELLİKLERİ/PRODUCT SPECIFICATIONS

<b>Ürün Tanımı</b>	Direk Aydınlatma	<b>Product Descripton</b>	Pole Lighting
<b>Gövde</b>	Galvanizli Çelik Gövde 316 Kalite Paslanmaz Çelik Bağlantı Elemanları	<b>Body</b>	Galvanized Steel Housing Stainless Steel Fasteners In Grade 316
<b>Difüzör</b>	Sertleştirilmiş Cam	<b>Diffuser</b>	Toughened Glass
<b>SDCM (MacAdam)</b>	3	<b>SDCM (MacAdam)</b>	3
<b>Renk Sıcaklığı</b>	3000K/4000K	<b>Colour Temperature</b>	3000K/4000K
<b>Ömür</b>	50000h	<b>Life Time</b>	50000h
<b>Çalışma Sıcaklığı</b>	-25°C/+50°C	<b>Operating Temperature</b>	-25°C/+50°C
<b>LED</b>	Nichia	<b>LED</b>	Nichia
<b>Uygunluk</b>	EN60598-1:2009-04	<b>Conformity</b>	EN60598-1:2009-04

Ürün Kodu Product Code	Güç Power	Çıkış Işık Akısı Lumen Output	Verimlilik Efficiency	Işık Açısı Beam Angle	Işık Kaynağı Light Source	CRI	A (mm)	B (mm)	H (mm)
59034	30W	3900Lm	120Lm/W	Symmetric-Asymmetric	LED	+80	60	60	3000/6000
59035	40W	5200Lm	120Lm/W	Symmetric-Asymmetric	LED	+80	60	60	3000/6000
59036	60W	7800Lm	120Lm/W	Symmetric-Asymmetric	LED	+80	60	60	3000/6000
59037	80W	3900Lm	120Lm/W	Symmetric-Asymmetric	LED	+80	60	60	4000/9000
59038	100W	10400Lm	120Lm/W	Symmetric-Asymmetric	LED	+80	60	60	6000/10000
59039	120W	15600Lm	120Lm/W	Symmetric-Asymmetric	LED	+80	60	60	8000/11000
59040	140W	18200Lm	120Lm/W	Symmetric-Asymmetric	LED	+80	60	60	8000/12000
59041	150W	19500Lm	120Lm/W	Symmetric-Asymmetric	LED	+80	60	60	8000/12000

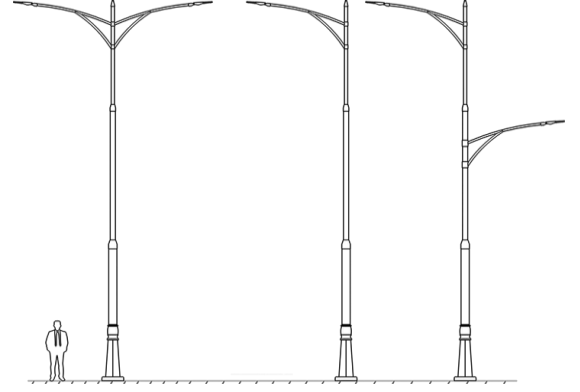


## ÜRÜN ÖZELLİKLERİ/PRODUCT SPECIFICATIONS

<b>Ürün Tanımı</b>	Direk Aydınlatma	<b>Product Descripton</b>	Pole Lighting
<b>Gövde</b>	Galvanizli Çelik Gövde 316 Kalite Paslanmaz Çelik Bağlantı Elemanları	<b>Body</b>	Galvanized Steel Housing Stainless Steel Fasteners In Grade 316
<b>Difüzör</b>	Temperli Cam	<b>Diffuser</b>	Tempered Glass
<b>SDCM (MacAdam)</b>	3	<b>SDCM (MacAdam)</b>	3
<b>Renk Sıcaklığı</b>	3000K/4000K	<b>Colour Temperature</b>	3000K/4000K
<b>Ömür</b>	50000h	<b>Life Time</b>	50000h
<b>Çalışma Sıcaklığı</b>	-25°C/+50°C	<b>Operating Temperature</b>	-25°C/+50°C
<b>LED</b>	Nichia	<b>LED</b>	Nichia
<b>Uygunluk</b>	EN60598-1:2009-04	<b>Conformity</b>	EN60598-1:2009-04

Ürün Kodu Product Code	Güç Power	Çıkış Işık Akısı Lumen Output	Verimlilik Efficiency	Işık Açısı Beam Angle	Işık Kaynağı Light Source	CRI	A (mm)	B (mm)	H (mm)
59026	30W	3900Lm	120Lm/W	Symmetric-Asymmetric	LED	+80	60	60	3000/6000
59027	40W	5200Lm	120Lm/W	Symmetric-Asymmetric	LED	+80	60	60	3000/6000
59028	60W	7800Lm	120Lm/W	Symmetric-Asymmetric	LED	+80	60	60	3000/6000
59029	80W	3900Lm	120Lm/W	Symmetric-Asymmetric	LED	+80	60	60	4000/9000
59030	100W	10400Lm	120Lm/W	Symmetric-Asymmetric	LED	+80	60	60	6000/10000
59031	120W	15600Lm	120Lm/W	Symmetric-Asymmetric	LED	+80	60	60	8000/11000
59032	140W	18200Lm	120Lm/W	Symmetric-Asymmetric	LED	+80	60	60	8000/12000
59033	150W	19500Lm	120Lm/W	Symmetric-Asymmetric	LED	+80	60	60	8000/12000

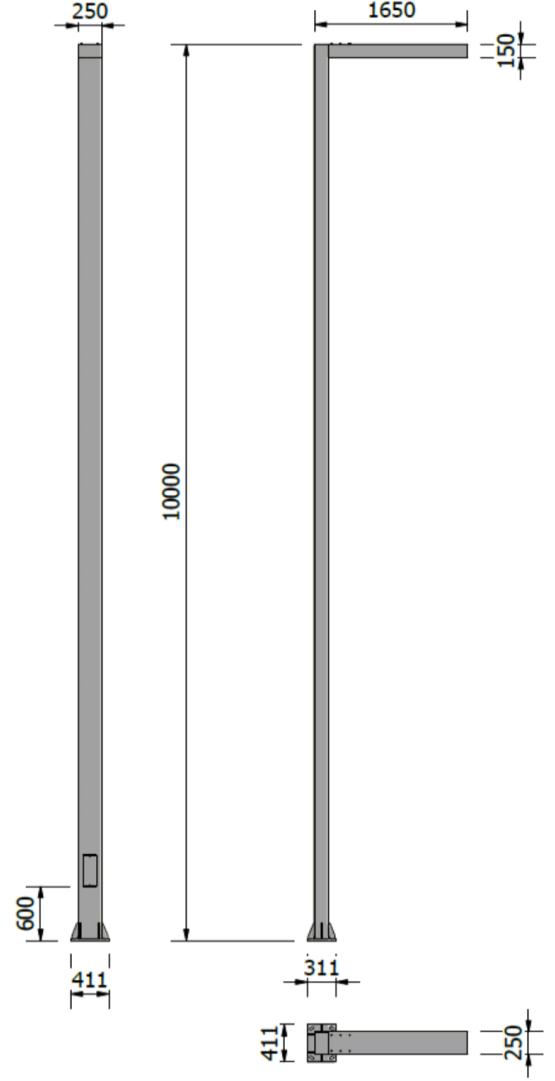
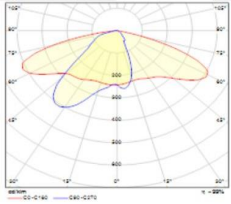




## ÜRÜN ÖZELLİKLERİ/PRODUCT SPECIFICATIONS

<b>Ürün Tanımı</b>	Direk Aydınlatma	<b>Product Descripton</b>	Pole Lighting
<b>Gövde</b>	Galvanizli Çelik Gövde 316 Kalite Paslanmaz Çelik Bağlantı Elemanları	<b>Body</b>	Galvanized Steel Housing Stainless Steel Fasteners In Grade 316
<b>Difüzör</b>	Temperli Cam	<b>Diffuser</b>	Tempered Glass
<b>SDCM (MacAdam)</b>	3	<b>SDCM (MacAdam)</b>	3
<b>Renk Sıcaklığı</b>	3000K/4000K	<b>Colour Temperature</b>	3000K/4000K
<b>Ömür</b>	50000h	<b>Life Time</b>	50000h
<b>Çalışma Sıcaklığı</b>	-25°C/+50°C	<b>Operating Temperature</b>	-25°C/+50°C
<b>LED</b>	Nichia	<b>LED</b>	Nichia
<b>Uygunluk</b>	EN60598-1:2009-04	<b>Conformity</b>	EN60598-1:2009-04

Ürün Kodu Product Code	Güç Power	Çıkış Işık Akısı Lumen Output	Verimlilik Efficiency	Işık Açısı Beam Angle	Işık Kaynağı Light Source	CRI	A (mm)	B (mm)	H (mm)
59020	30W	3600Lm	120Lm/W	Symmetric-Asymmetric	LED	+80	60	60	3000/5000
59021	40W	4800Lm	120Lm/W	Symmetric-Asymmetric	LED	+80	60	60	4000/6000
59022	60W	7200Lm	120Lm/W	Symmetric-Asymmetric	LED	+80	60	60	5000/8000
59023	80W	9600Lm	120Lm/W	Symmetric-Asymmetric	LED	+80	60	60	6000/10000
59024	100W	11200Lm	110Lm/W	Symmetric-Asymmetric	LED	+80	60	60	8000/11000
59025	120W	13440Lm	110Lm/W	Symmetric-Asymmetric	LED	+80	60	60	8000/12000



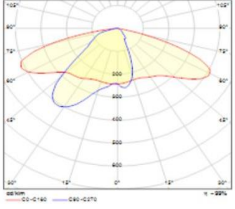
## ÜRÜN ÖZELLİKLERİ/PRODUCT SPECIFICATIONS

Ürün Tanımı	Direk Aydınlatma
Gövde	Çelik Kutu Profil Paslanmaz Çelik Civatalar, Sıcak Daldırma Galveniz 4xm22 H:75 cm Beton Saplama
Lens	M3 Mercek LEDLINK
SDCM (MacAdam)	3
Renk Sıcaklığı	2700K/3000K/4000K
Ömür	50000h
Çalışma Sıcaklığı	-25°C/+50°C
LED	Nichia
Uygunluk	EN60598-1:2009-04

Product Description	Pole Lighting
Body	Steel Box Profile Stainless Steel Screw Hot-Dip Galvanized 4xm22 H:75 cm Gijon
Lens	M3 Lens LEDLINK
SDCM (MacAdam)	3
Colour Temperature	2700K/3000K/4000K
Life Time	50000h
Operating Temperature	-25°C/+50°C
LED	Nichia
Conformity	EN60598-1:2009-04

Ürün Kodu Product Code	Güç Power	Çıkış Işık Akısı Lumen Output	Verimlilik Efficiency	Işık Açısı Beam Angle	Işık Kaynağı Light Source	CRI	A (mm)	B (mm)	H (mm)
55037	3x150W	3x18000Lm	120Lm/W	-	LED	+80	1650	250	10000

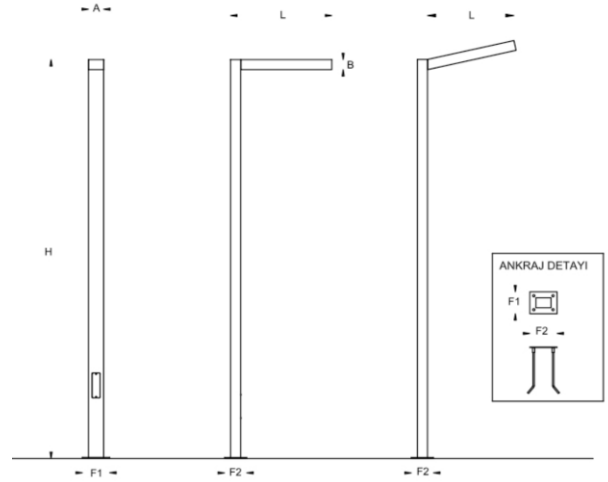




## ÜRÜN ÖZELLİKLERİ/PRODUCT SPECIFICATIONS

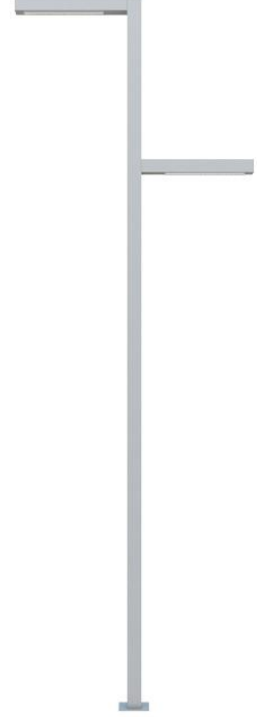
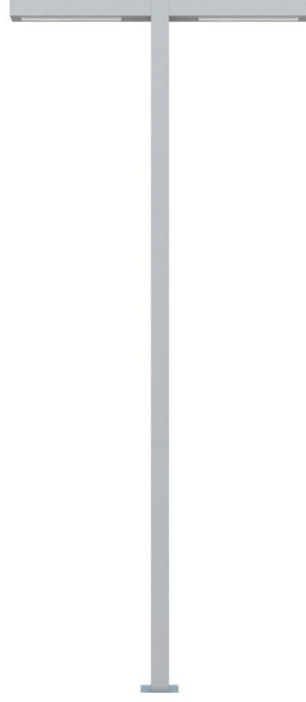
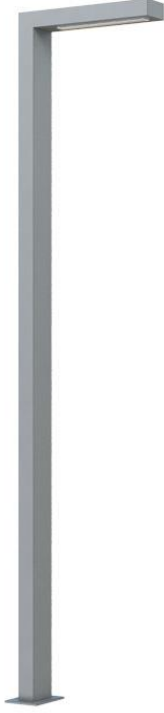
<b>Ürün Tanımı</b>	Direk Aydınlatma
<b>Gövde</b>	Çelik Kutu Profil Paslanmaz Çelik Civatalar, Sıcak Daldırma Galveniz 4xm22 H:75 cm Beton Saplama
<b>Lens</b>	M3 Mercek LEDLINK
<b>SDCM (MacAdam)</b>	3
<b>Renk Sıcaklığı</b>	2700K/3000K/4000K
<b>Ömür</b>	50000h
<b>Çalışma Sıcaklığı</b>	-25°C/+50°C
<b>LED</b>	Nichia
<b>Uygunluk</b>	EN60598-1:2009-04

<b>Product Descripton</b>	Pole Lighting
<b>Body</b>	Steel Box Profile Stainless Steel Screw Hot-Dip Galvanized 4xm22 H:75 cm Gijon
<b>Lens</b>	M3 Lens LEDLINK
<b>SDCM (MacAdam)</b>	3
<b>Colour Temperature</b>	2700K/3000K/4000K
<b>Life Time</b>	50000h
<b>Operating Temperature</b>	-25°C/+50°C
<b>LED</b>	Nichia
<b>Conformity</b>	EN60598-1:2009-04



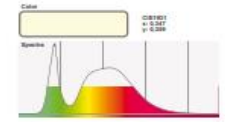
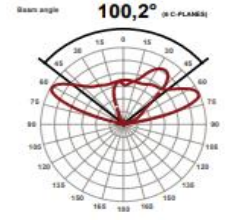
Ürün Kodu Product Code	Güç Power	Çıkış Işık Akısı Lumen Output	Verimlilik Efficiency	Işık Açısı Beam Angle	Işık Kaynağı Light Source	CRI	A (mm)	L (mm)	H (mm)
55042	54W	6480Lm	120Lm/W	-	LED	+80	150	900	4000/5000
55043	70W	8400Lm	120Lm/W	-	LED	+80	150	900	4000/5000
55044	84W	10080Lm	120Lm/W	-	LED	+80	150	900	6000/7000
55045	110W	13200Lm	120Lm/W	-	LED	+80	150	900	6000/7000





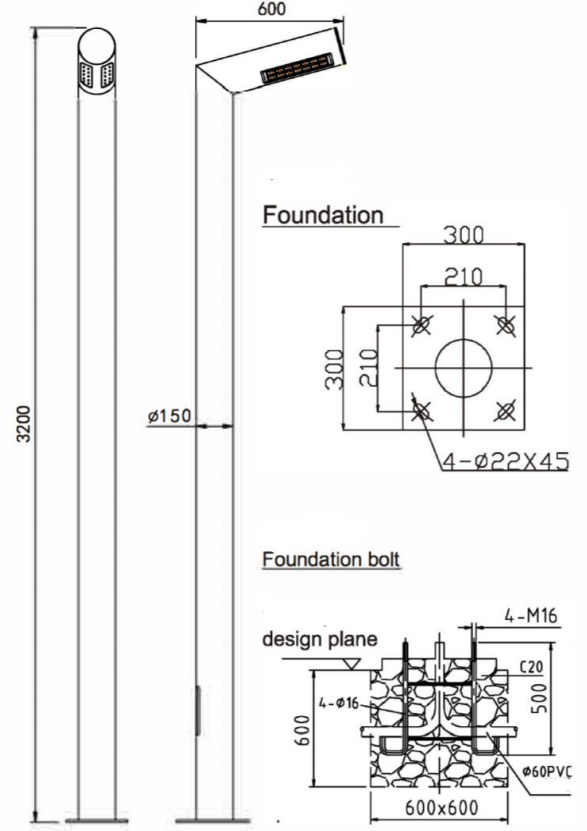
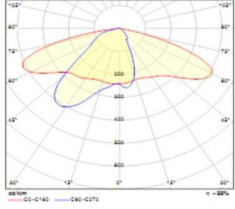
## ÜRÜN ÖZELLİKLERİ/PRODUCT SPECIFICATIONS

<b>Ürün Tanımı</b>	Modern Direk	<b>Product Descripton</b>	Modern Pole
<b>Gövde</b>	Ana Gövde Alüminyum Kutu Profil Elektrostatik Toz Boya Paslanmaz Vidalar	<b>Body</b>	The Main Body of Aluminum Box Profile Elektrostatik Toz Boya Stainless Screws
<b>Reflektör</b>		<b>Reflector</b>	
<b>Difüzör</b>		<b>Diffuser</b>	
<b>SDCM (MacAdam)</b>	3	<b>SDCM (MacAdam)</b>	3
<b>Renk Sıcaklığı</b>	3000K/4000K	<b>Colour Temperature</b>	3000K/4000K
<b>Ömür</b>	50000h	<b>Life Time</b>	50000h
<b>Çalışma Sıcaklığı</b>	- 25°C / +50°C	<b>Operating Temperature</b>	- 25°C / +50°C
<b>LED</b>	Osram/Tridonic/Nichia Samsung/Cree	<b>LED</b>	Osram/Tridonic/Nichia Samsung/Cree
<b>Uygunluk</b>	EN 60598-1 EN 60598-2-1	<b>Conformity</b>	EN 60598-1 EN 60598-2-1



Ürün Kodu Product Code	Güç Power	Çıkış Işık Akısı Lumen Output	Verimlilik Efficiency	Işık Açısı Beam Angle	Işık Kaynağı Light Source	CRI	L (mm)	W (mm)	H (mm)
55092	30W	3000Lm	100Lm/W		LED	80	800	150	4000-6000
55003	60W	6000Lm	100Lm/W		LED	80	800	150	4000-6000
55093	90W	9000Lm	100Lm/W		LED	80	800	150	4000-6000
55094	120W	9000Lm	100Lm/W		LED	80	800	150	4000-6000
55095	2X30W	2X3000Lm	100Lm/W		LED	80	1600	150	4000-6000
55096	2X60W	2X6000Lm	100Lm/W		LED	80	1600	150	4000-6000
55097	2X90W	2X9000Lm	100Lm/W		LED	80	1600	150	4000-6000



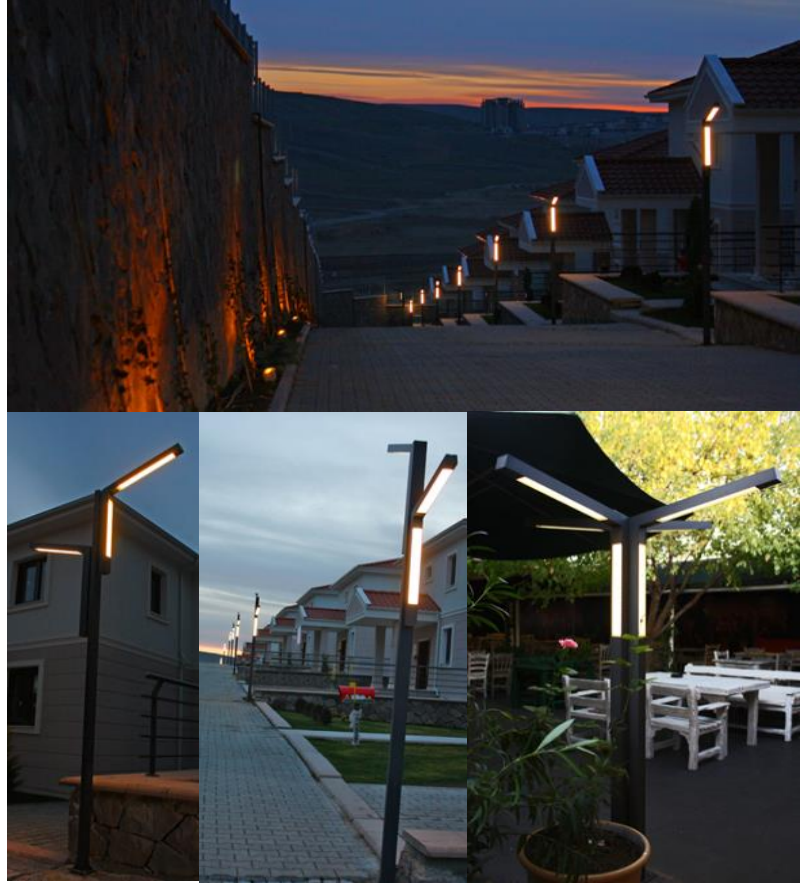


## ÜRÜN ÖZELLİKLERİ/PRODUCT SPECIFICATIONS

Ürün Tanımı	Direk Aydınlatma	Product Descripton	Pole Lighting
Gövde	Çelik Kutu Profil Paslanmaz Çelik Civatalar, Sıcak Daldırma Galveniz 4xm22 H:75 cm Beton Saplama	Body	Steel Box Profile Stainless Steel Screw Hot-Dip Galvanized 4xm22 H:75 cm Gijon
Lens	M3 Mercek LEDLINK	Lens	M3 Lens LEDLINK
SDCM (MacAdam)	3	SDCM (MacAdam)	3
Renk Sıcaklığı	2700K/3000K/4000K	Colour Temperature	2700K/3000K/4000K
Ömür	50000h	Life Time	50000h
Çalışma Sıcaklığı	-25°C/+50°C	Operating Temperature	-25°C/+50°C
LED	Nichia	LED	Nichia
Uygunluk	EN60598-1:2009-04	Conformity	EN60598-1:2009-04

Ürün Kodu Product Code	Güç Power	Çıkış Işık Akısı Lumen Output	Verimlilik Efficiency	Işık Açısı Beam Angle	Işık Kaynağı Light Source	CRI	W (mm)	L (mm)	H (mm)
55073	40W	4800Lm	120Lm/W	-	LED	+80	150	600	3200
55074	60W	7200Lm	120Lm/W	-	LED	+80	150	600	3200



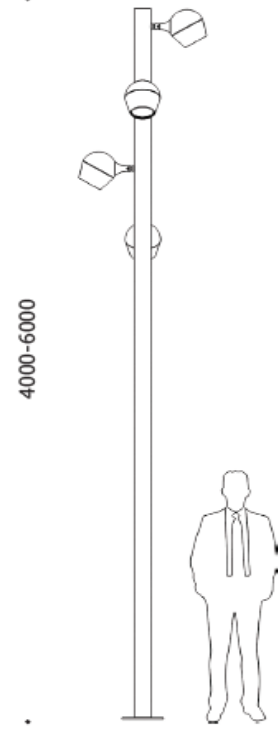
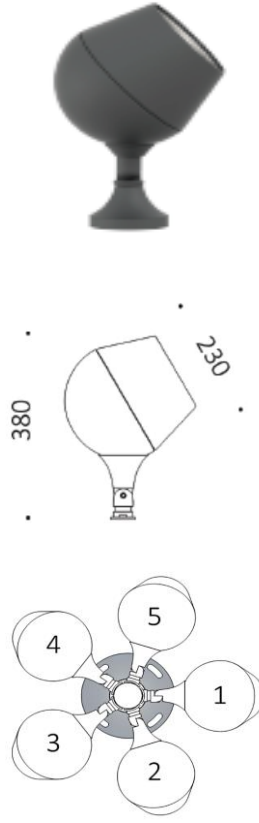


## ÜRÜN ÖZELLİKLERİ/PRODUCT SPECIFICATIONS

Ürün Tanımı	Direk Aydınlatma	Product Description	Pole Lighting
Gövde	Alüminyum Enjeksiyon Paslanmaz Çelik Civatalar,	Body	Die-Cast Aluminum Stainless Steel Screw
Difüzör	Opal, Buzlu , Prizmatik Akıllık	Diffuser	Opal, Icy, Prismatic Acrylic
SDCM (MacAdam)	3	SDCM (MacAdam)	3
Renk Sıcaklığı	2700K/3000K/4000K	Colour Temperature	2700K/3000K/4000K
Ömür	50000h	Life Time	50000h
Çalışma Sıcaklığı	-25°C/+50°C	Operating Temperature	-25°C/+50°C
LED	Nichia	LED	Nichia
Uygunluk	EN60598-1:2009-04	Conformity	EN60598-1:2009-04

Ürün Kodu Product Code	Güç Power	Çıkış Işık Akısı Lumen Output	Verimlilik Efficiency	Işık Açısı Beam Angle	Işık Kaynağı Light Source	CRI	A (mm)	B (mm)	H (mm)
55031	30W	3600Lm	120Lm/W	-	LED	+80	715	300	3500
55032	2x30W	2x3600Lm	120Lm/W	-	LED	+80	1430	300	3500
55033	3x30W	3x3600Lm	120Lm/W	-	LED	+80	1430	300	3500
55034	4x30W	4x3600Lm	120Lm/W	-	LED	+80	1430	300	3500

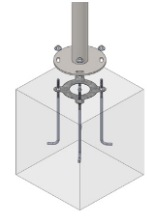
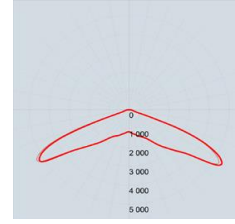




## ÜRÜN ÖZELLİKLERİ/PRODUCT SPECIFICATIONS

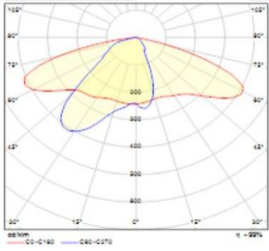
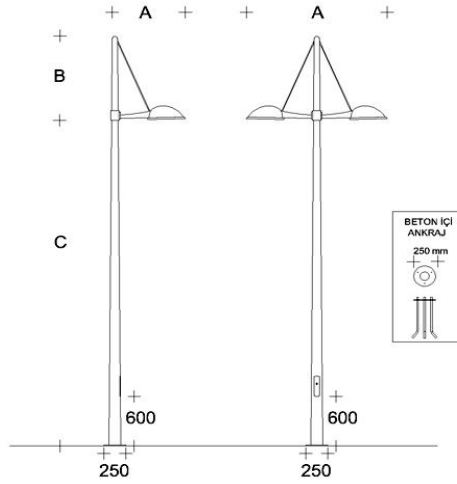
<b>Ürün Tanımı</b>	Modern Direk
<b>Gövde</b>	Ana Gövde St 37 Çelik Boru Elektrostatik Toz Boya Paslanmaz Vidalar
<b>Reflektör</b>	
<b>Difüzör</b>	PMMA
<b>SDCM (MacAdam)</b>	3
<b>Renk Sıcaklığı</b>	3700K/4700K
<b>Ömür</b>	50000h
<b>Çalışma Sıcaklığı</b>	- 25°C / +50°C
<b>LED</b>	Osram/Tridonic/Nichia Samsung/Cree
<b>Uygunluk</b>	EN 60598-1 EN 60598-2-1

<b>Product Descripton</b>	Modern Pole
<b>Body</b>	The Main Body Of St 37 Steel Pipe Elektrostatik Toz Boya Stainless Screws
<b>Reflector</b>	
<b>Difuser</b>	PMMA
<b>SDCM (MacAdam)</b>	3
<b>Colour Temperature</b>	3000K/4000K
<b>Life Time</b>	50000h
<b>Operating Temperature</b>	- 25°C / +50°C
<b>LED</b>	Osram/Tridonic/Nichia Samsung/Cree
<b>Conformity</b>	EN 60598-1 EN 60598-2-1



Ürün Kodu Product Code	Güç Power	Çıkış Işık Akısı Lumen Output	Verimlilik Efficiency	Işık Açısı Beam Angle	Işık Kaynağı Light Source	CRI	L (mm)	W (mm)	H (mm)
55114	30W	3600Lm	120Lm/W		LED	80	780	780	4000-6000
55115	40W	4800Lm	120Lm/W		LED	80	780	780	4000-6000
55116	60W	7200Lm	120Lm/W		LED	80	780	780	4000-6000





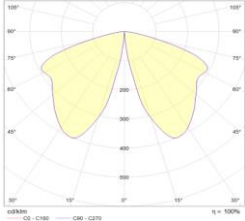
## ÜRÜN ÖZELLİKLERİ/PRODUCT SPECIFICATIONS

Ürün Tanımı	Direk Aydınlatma	Product Descripton	Pole Lighting
Gövde	Alüminyum Enjeksiyon Galvanizli Çelik Gövde Paslanmaz Çelik Civatalar	Body	Die-Cast Aluminum Galvanized Steel Body Pipe Stainless Steel Screw
Difüzör	Temperli Cam	Diffuser	Tempered Glass
SDCM (MacAdam)	3	SDCM (MacAdam)	3
Renk Sıcaklığı	2700K/3000K/4000K	Colour Temperature	2700K/3000K/4000K
Ömür	50000h	Life Time	50000h
Çalışma Sıcaklığı	-25°C/+50°C	Operating Temperature	-25°C/+50°C
LED	Nichia	LED	Nichia
Uygunluk	EN60598-1:2009-04	Conformity	EN60598-1:2009-04

Ürün Kodu Product Code	Güç Power	Çıkış Işık Akısı Lumen Output	Verimlilik Efficiency	Işık Açısı Beam Angle	Işık Kaynağı Light Source	CRI	A (mm)	B (mm)	H (mm)
55022	54W	6480Lm	120Lm/W	-	LED	+80	830	1000	4000
55023	110W	13200Lm	120Lm/W	-	LED	+80	830	1000	4000
55024	2x54W	2x6480Lm	120Lm/W	-	LED	+80	1600	1000	4000
55025	2x110W	2x13200Lm	120Lm/W	-	LED	+80	1600	1000	4000



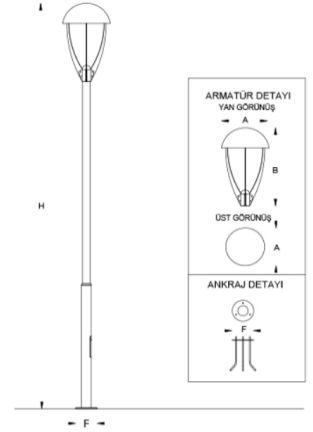




## ÜRÜN ÖZELLİKLERİ/PRODUCT SPECIFICATIONS

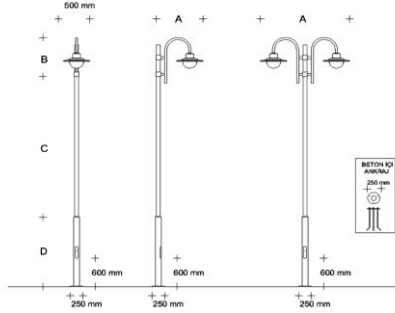
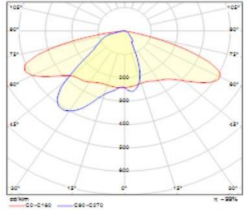
Ürün Tanımı	Direk Aydınlatma
Gövde	Alüminyum Enjeksiyon Paslanmaz Çelik Civatalar,
Diffüzör	Temperli Cam
SDCM (MacAdam)	3
Renk Sıcaklığı	2700K/3000K/4000K
Ömür	50000h
Çalışma Sıcaklığı	-25°C/+50°C
LED	Nichia
Uygunluk	EN60598-1:2009-04

Product Descripton	Pole Lighting
Body	Die-Cast Aluminum Stainless Steel Screws
Diffuser	Tempered Glass
SDCM (MacAdam)	3
Colour Temperature	2700K/3000K/4000K
Life Time	50000h
Operating Temperature	-25°C/+50°C
LED	Nichia
Conformity	EN60598-1:2009-04



Ürün Kodu Product Code	Güç Power	Çıkış Işık Akısı Lumen Output	Verimlilik Efficiency	Işık Açısı Beam Angle	Işık Kaynağı Light Source	CRI	A (mm)	B (mm)	H (mm)
55057	40W	4800Lm	120Lm/W	-	LED	+80	550	930	3000
55058	100W	12000Lm	120Lm/W	-	LED	+80	550	930	6000



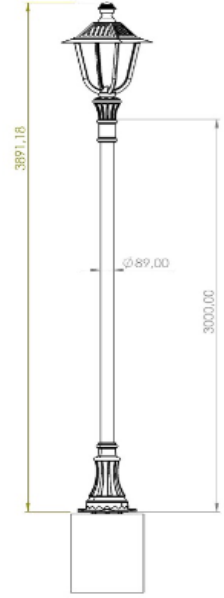


## ÜRÜN ÖZELLİKLERİ/PRODUCT SPECIFICATIONS

Ürün Tanımı	Direk Aydınlatma	Product Descripton	Pole Lighting
Gövde	Alüminyum Enjeksiyon Paslanmaz Çelik Civatalar,	Body	Die-Cast Aluminum Stainless Steel Screw
Difüzör	PMMA Difüzör , Opal , Buzlu , Şeffaf	Diffuser	PMMA Diffuser, Opal, Frosted, Transparent
SDCM (MacAdam)	3	SDCM (MacAdam)	3
Renk Sıcaklığı	2700K/3000K/4000K	Colour Temperature	2700K/3000K/4000K
Ömür	50000h	Life Time	50000h
Çalışma Sıcaklığı	-25°C/+50°C	Operating Temperature	-25°C/+50°C
LED	Nichia	LED	Nichia
Uygunluk	EN60598-1:2009-04	Conformity	EN60598-1:2009-04

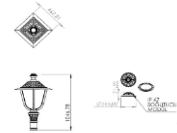
Ürün Kodu Product Code	Güç Power	Çıkış Işık Akısı Lumen Output	Verimlilik Efficiency	Işık Açısı Beam Angle	Işık Kaynağı Light Source	CRI	A (mm)	B (mm)	H (mm)
55026	54W	6480Lm	120Lm/W	-	LED	+80	915	840	5000
55027	2x54W	2x6480Lm	120Lm/W	-	LED	+80	1755	840	5000





## ÜRÜN ÖZELLİKLERİ/PRODUCT SPECIFICATIONS

<b>Ürün Tanımı</b>	Modern Direk	<b>Product Descripton</b>	Modern Pole
<b>Gövde</b>	Ana Gövde St 37 Çelik Boru Elektrostatik Toz Boya Paslanmaz Vidalar	<b>Body</b>	The Main Body Of St 37 Steel Pipe Elektrostatic Powder Coating Stainless Screws
<b>Reflektör</b>		<b>Reflector</b>	
<b>Difüzör</b>	PMMA	<b>Diffuser</b>	PMMA
<b>SDCM (MacAdam)</b>	3	<b>SDCM (MacAdam)</b>	3
<b>Renk Sıcaklığı</b>	3700K/4700K	<b>Colour Temperature</b>	3000K/4000K
<b>Ömür</b>	50000h	<b>Life Time</b>	50000h
<b>Çalışma Sıcaklığı</b>	- 25°C / +50°C	<b>Operating Temperature</b>	- 25°C / +50°C
<b>LED</b>	Osram/Tridonic/Nichia Samsung/Cree	<b>LED</b>	Osram/Tridonic/Nichia Samsung/Cree
<b>Uygunluk</b>	EN 60598-1 EN 60598-2-1	<b>Conformity</b>	EN 60598-1 EN 60598-2-1



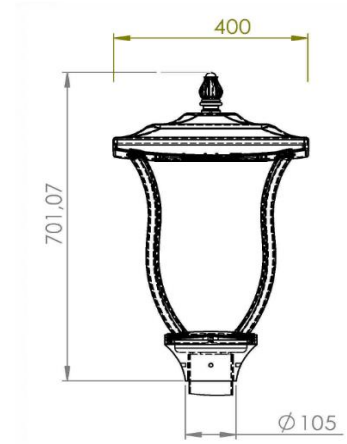
Ürün Kodu Product Code	Güç Power	Çıkış Işık Akısı Lumen Output	Verimlilik Efficiency	Işık Açısı Beam Angle	Işık Kaynağı Light Source	CRI	L (mm)	W (mm)	H (mm)
55111	30W	3600Lm	120Lm/W		LED	80	462	462	3000-5000
55112	40W	4800Lm	120Lm/W		LED	80	462	462	4000-6000
55113	60W	7200Lm	120Lm/W		LED	80	462	462	5000-8000



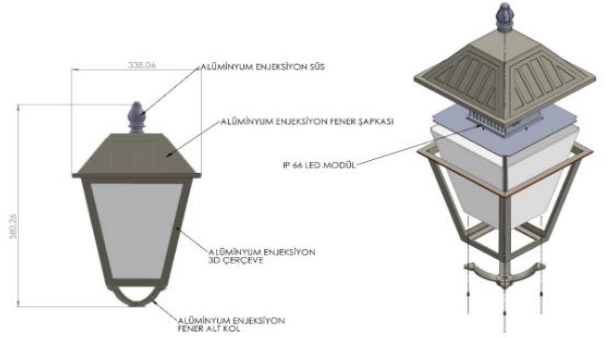
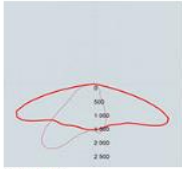


## ÜRÜN ÖZELLİKLERİ/PRODUCT SPECIFICATIONS

<b>Ürün Tanımı</b>	Direk Aydınlatma	<b>Product Descripton</b>	Pole Lighting
<b>Gövde</b>	Alüminyum Paslanmaz Çelik Civatalar, Elektrostatic Toz Boya	<b>Body</b>	Aluminum Stainless Steel Screw Electrostatic Powder Paint
<b>Difüzör</b>	PMMA Difüzör , Opal , Buzlu , Şeffaf	<b>Diffuser</b>	PMMA Diffuser, Opal, Frosted, Transparent
<b>SDCM (MacAdam)</b>	3	<b>SDCM (MacAdam)</b>	3
<b>Renk Sıcaklığı</b>	3000K	<b>Colour Temperature</b>	3000K
<b>Ömür</b>	50000h	<b>Life Time</b>	50000h
<b>Çalışma Sıcaklığı</b>	-25°C/+50°C	<b>Operating Temperature</b>	-25°C/+50°C
<b>LED</b>	Samsung/Cree/Nichia	<b>LED</b>	Samsung/Cree/Nichia
<b>Uygunluk</b>	EN60598-1:2009-04	<b>Conformity</b>	EN60598-1:2009-04



Ürün Kodu Product Code	Güç Power	Çıkış Işık Akısı Lumen Output	Verimlilik Efficiency	Işık Açısı Beam Angle	Işık Kaynağı Light Source	CRI	L (mm)	W (mm)	H (mm)
55152	30W	4200Lm	140Lm/W	Symmetric/Asymmetric	LED	+80	400	400	701,07
55153	60W	7800Lm	130Lm/W	Symmetric/Asymmetric	LED	+80	400	400	701,07
55154	80W	3900Lm	50Lm/W	Symmetric/Asymmetric	LED	+81	400	400	701,07

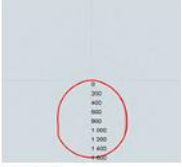


## ÜRÜN ÖZELLİKLERİ/PRODUCT SPECIFICATIONS

Ürün Tanımı	Direk Aydınlatma	Product Descripton	Pole Lighting
Gövde	Alüminyum Enjeksiyon Paslanmaz Çelik Civatalar, Elektrostatik Toz Boya	Body	Die-Cast Aluminum Stainless Steel Screw Electrostatic Powder Paint
Difüzör	PMMA Difüzör , Opal , Buzlu , Şeffaf	Diffuser	PMMA Diffuser, Opal, Frosted, Transparent
SDCM (MacAdam)	3	SDCM (MacAdam)	3
Renk Sıcaklığı	3000K	Colour Temperature	3000K
Ömür	50000h	Life Time	50000h
Çalışma Sıcaklığı	-25°C/+50°C	Operating Temperature	-25°C/+50°C
LED	Samsung/Cree/Nichia	LED	Samsung/Cree/Nichia
Uygunluk	EN60598-1:2009-04	Conformity	EN60598-1:2009-04

Ürün Kodu Product Code	Güç Power	Çıkış Işık Akısı Lumen Output	Verimlilik Efficiency	Işık Açısı Beam Angle	Işık Kaynağı Light Source	CRI	L (mm)	W (mm)	H (mm)
55123	30W	4200Lm	140Lm/W	Symmetric/Asymmetric	LED	+80	338,06	338,06	580,26
55125	60W	7800Lm	130Lm/W	Symmetric/Asymmetric	LED	+80	338,06	338,06	580,26
55126	80W	3900Lm	50Lm/W	Symmetric/Asymmetric	LED	+81	338,06	338,06	580,26





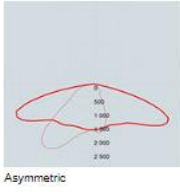
## ÜRÜN ÖZELLİKLERİ/PRODUCT SPECIFICATIONS

Ürün Tanımı	Direk Aydınlatma	Product Descripton	Pole Lighting
Gövde	Alüminyum Enjeksiyon Paslanmaz Çelik Civatalar, Elektrostatik Toz Boya	Body	Die-Cast Aluminum Stainless Steel Screw Electrostatic Powder Paint
Difüzör	PMMA Difüzör , Opal , Buzlu , Şeffaf	Diffuser	PMMA Diffuser, Opal, Frosted, Transparent
SDCM (MacAdam)	3	SDCM (MacAdam)	3
Renk Sıcaklığı	3000K	Colour Temperature	3000K
Ömür	50000h	Life Time	50000h
Çalışma Sıcaklığı	-25°C/+50°C	Operating Temperature	-25°C/+50°C
LED	Samsung/Cree/Nichia	LED	Samsung/Cree/Nichia
Uygunluk	EN60598-1:2009-04	Conformity	EN60598-1:2009-04



Ürün Kodu Product Code	Güç Power	Çıkış Işık Akısı Lumen Output	Verimlilik Efficiency	Işık Açısı Beam Angle	Işık Kaynağı Light Source	CRI	L (mm)	W (mm)	H (mm)
55111	30W	4200Lm	140Lm/W	Symmetric/Asymmetric	LED	+80	462,81	462,81	1046
55113	60W	7800Lm	130Lm/W	Symmetric/Asymmetric	LED	+80	462,81	462,81	1046
55149	80W	3900Lm	50Lm/W	Symmetric/Asymmetric	LED	+81	462,81	462,81	1046





## ÜRÜN ÖZELLİKLERİ/PRODUCT SPECIFICATIONS

<b>Ürün Tanımı</b>	Direk Aydınlatma	<b>Product Descripton</b>	Pole Lighting
<b>Gövde</b>	Alüminyum Enjeksiyon Paslanmaz Çelik Civatalar, Elektrostatik Toz Boya	<b>Body</b>	Die-Cast Aluminum Stainless Steel Screw Electrostatic Powder Paint
<b>Difüzör</b>	PMMA Difüzör , Opal , Buzlu , Şeffaf	<b>Diffuser</b>	PMMA Diffuser, Opal, Frosted, Transparent
<b>SDCM (MacAdam)</b>	3	<b>SDCM (MacAdam)</b>	3
<b>Renk Sıcaklığı</b>	3000K	<b>Colour Temperature</b>	3000K
<b>Ömür</b>	50000h	<b>Life Time</b>	50000h
<b>Çalışma Sıcaklığı</b>	-25°C/+50°C	<b>Operating Temperature</b>	-25°C/+50°C
<b>LED</b>	Samsung/Cree/Nichia	<b>LED</b>	Samsung/Cree/Nichia
<b>Uygunluk</b>	EN60598-1:2009-04	<b>Conformity</b>	EN60598-1:2009-04



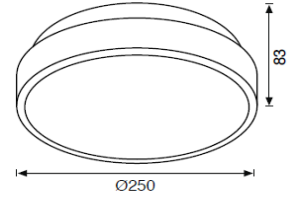
Ürün Kodu Product Code	Güç Power	Çıkış Işık Akısı Lumen Output	Verimlilik Efficiency	Işık Açısı Beam Angle	Işık Kaynağı Light Source	CRI	L (mm)	W (mm)	H (mm)
55150	30W	4200Lm	140Lm/W	Symmetric/Asymmetric	LED	+80	486	486	850
55151	60W	7800Lm	130Lm/W	Symmetric/Asymmetric	LED	+80	486	486	850





## ÜRÜN ÖZELLİKLERİ/PRODUCT SPECIFICATIONS

Ürün Tanımı	Diő Mekan Led Tavan Armatör	Product Descripton	Outdoor Led Surface Mounted
Gövde	Alüminyum Enjeksiyon Elektrostatik Toz Boya	Body	Die-Cast Aluminum Elektrostatic Powder Coating
Diffüzör	PC	Diffuser	PC
SDCM (MacAdam)	3	SDCM (MacAdam)	
Renk Sıcaklığı	3000K	Colour Temperature	3000K
Ömür	50000h	Life Time	50000h
Çalışma Sıcaklığı	-25°C/+50°C	Operating Temperature	-25°C/+50°C
LED	Epistar	LED	Epistar
Uygunluk	EN60598-1:2009-04	Conformity	EN60598-1:2009-04



Ürün Kodu Product Code	Güç Power	Çıkış Işık Akısı Lumen Output	Verimlilik Efficiency	Işık Açısı Beam Angle	Işık Kaynağı Light Source	CRI	Ø (mm)	W (mm)	H (mm)
56019	15W	1050Lm	70Lm/W	360°C	LED	+80	250	250	83

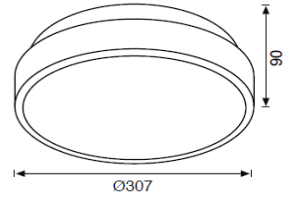






## ÜRÜN ÖZELLİKLERİ/PRODUCT SPECIFICATIONS

Ürün Tanımı	Diő Mekan Tavan Armatör	Product Descripton	Outdoor Surface Mounted
Gövde	Alüminyum Enjeksiyon Elektrostatik Toz Boya	Body	Die-Cast Aluminum Elektrostatic Powder Coating
Diffüzör	PC	Diffuser	PC
SDCM (MacAdam)	3	SDCM (MacAdam)	
Renk Sıcaklığı	3000K	Colour Temperature	3000K
Ömür	50000h	Life Time	50000h
Çalışma Sıcaklığı	-25°C/+50°C	Operating Temperature	-25°C/+50°C
LED		LED	
Uygunluk	EN60598-1:2009-04	Conformity	EN60598-1:2009-04

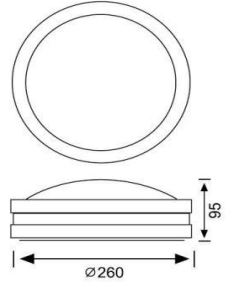


Ürün Kodu Product Code	Güç Power	Çıkış Işık Akısı Lumen Output	Verimlilik Efficiency	Işık Açısı Beam Angle	Işık Kaynağı Light Source	CRI	Ø (mm)	W (mm)	H (mm)
56020	9W	Lm	Lm/W	360°C	2xE27	+80	307	307	90

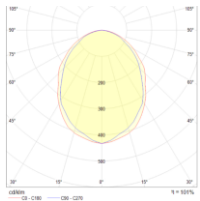
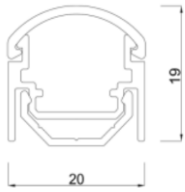


**ÜRÜN ÖZELLİKLERİ/PRODUCT SPECIFICATIONS**

<b>Ürün Tanımı</b>	Diő Mekan Tavan Armatör	<b>Product Descripton</b>	Outdoor Surface Mounted
<b>Gövde</b>	Alüminyum Enjeksiyon Elektrostatik Toz Boya	<b>Body</b>	Die-Cast Aluminum Elektrostatic Powder Coating
<b>Diffüzör</b>	PC	<b>Diffuser</b>	PC
<b>SDCM (MacAdam)</b>	3	<b>SDCM (MacAdam)</b>	
<b>Renk Sıcaklığı</b>	3000K	<b>Colour Temperature</b>	3000K
<b>Ömür</b>	50000h	<b>Life Time</b>	50000h
<b>Çalışma Sıcaklığı</b>	-25°C/+50°C	<b>Operating Temperature</b>	-25°C/+50°C
<b>LED</b>		<b>LED</b>	
<b>Uygunluk</b>	EN60598-1:2009-04	<b>Conformity</b>	EN60598-1:2009-04



Ürün Kodu Product Code	Güç Power	Çıkış Işık Akısı Lumen Output	Verimlilik Efficiency	Işık Açısı Beam Angle	Işık Kaynağı Light Source	CRI	Ø (mm)	W (mm)	H (mm)
56021	20W	Lm	Lm/W	360°C	E27	+80	260	260	95



## ÜRÜN ÖZELLİKLERİ/PRODUCT SPECIFICATIONS

<b>Ürün Tanımı</b>	Sıva Üstü LED Line	<b>Product Descripton</b>	Surface Mounted LED Line
<b>Gövde</b>	Alüminyum Profil	<b>Body</b>	Aluminum Profile
	Montaj Aparatı/Dişi Erkek Soket		Mounting Apparatus/Female Male Socket
<b>Led Sayısı Opsiyonel</b>	60 LED/m - 120 LED/m	<b>Number Of Leds</b>	60 LED/m - 120 LED/m
<b>Difüzör</b>	PMMA/Şeffaf/Buzlu	<b>Diffuser</b>	PMMA/Transparent/Milky
<b>Reflektör Opsiyonel</b>	Renk Filtresi	<b>Reflector Optional</b>	Color Filter
<b>SDCM (MacAdam)</b>	3	<b>SDCM (MacAdam)</b>	3
<b>Renk Sıcaklığı</b>	2700K/3000K/4000K/5000K/6000K	<b>Colour Temperature</b>	2700K/3000K/4000K/5000K/6000K
<b>Ömür</b>	50000h	<b>Life Time</b>	50000h
<b>Çalışma Sıcaklığı</b>	25°C	<b>Operating Temperature</b>	25°C
<b>LED</b>	Osram/Samsung	<b>LED</b>	Osram/Samsung
<b>Sürücü</b>	Hariç	<b>Driver</b>	Excl.
<b>Uygunluk</b>	EN 60598-1 EN 60598-2-1	<b>Conformity</b>	EN 60598-1 EN 60598-2-1

Ürün Kodu Product Code	Güç Power	Çıkış Işık Akısı Lumen Output	Verimlilik Efficiency	Işık Açısı Beam Angle	Işık Kaynağı Light Source	CRI OPT.	L (mm)	W (mm)	H (mm)
35018	5W/m	415Lm	83Lm/W	120°	LED	>80 - >90	∞	20	19
35019	10W/m	830Lm	83Lm/W	120°	LED	>80 - >90	∞	20	19
35020	14,4W/m	1200Lm/m	83Lm/W	120°	LED	>80 - >90	∞	20	19
35021	18W/m	1495Lm	83Lm/W	120°	LED	>80 - >90	∞	20	19
35022	24W/m	1990Lm/m	83Lm/W	120°	LED	>80 - >90	∞	20	19

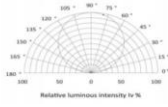




## DIMENSION



## LIGHT DISTRIBUTION



## Accessories



## Cutting and connection



## Installation

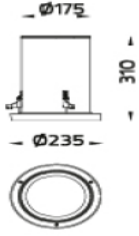


## ÜRÜN ÖZELLİKLERİ/PRODUCT SPECIFICATIONS

Ürün Tanımı	Led Flexi Neon	Product Descripton	Led Flexi Neon
Gövde	Silikon	Body	Silicon
Difüzör	Opal	Diffuser	Opal
Lens	180°	Lens	180°
SDCM (MacAdam)		SDCM (MacAdam)	
Renk Sıcaklığı	3000K/6500K	Colour Temperature	3000K/6500K
Ömür	50000h	Life Time	50000h
Çalışma Sıcaklığı	-25°C/+50°C	Operating Temperature	-25°C/+50°C
LED	SMD3528 or SMD3014 LED	LED	SMD3528 or SMD3014 LED
Uygunluk	EN60598-1:2009-04	Conformity	EN60598-1:2009-04

Ürün Kodu Product Code	Güç Power	Çıkış Işık Akısı Lumen Output	Verimlilik Efficiency	Işık Açısı Beam Angle	Işık Kaynağı Light Source	CRI	A (mm)	B (mm)	K
68002	14W/M	1200Lm	120Lm/W	180	LED	+80	13	7	3000K
68003	14W/M	1200Lm	120Lm/W	180	LED	+80	13	7	6500K



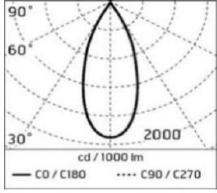
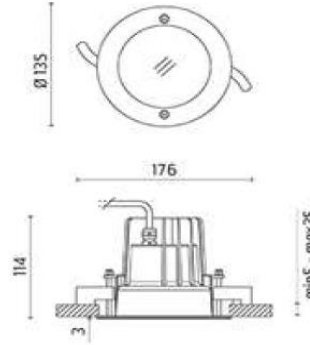


## ÜRÜN ÖZELLİKLERİ/PRODUCT SPECIFICATIONS

<b>Ürün Tanımı</b>	Dış Mekan Downlight	<b>Product Descripton</b>	Outdoor Downlight
<b>Gövde</b>	Alüminyum Enjeksiyon Paslanmaz Çelik Civatalar,Silikon Conta	<b>Body</b>	Die-Cast Aluminum Stainless Steel Screws,Silicone Rubber Gaskets
<b>Difüzör</b>	PMMA	<b>Diffuser</b>	PMMA
<b>SDCM (MacAdam)</b>	3	<b>SDCM (MacAdam)</b>	3
<b>Renk Sıcaklığı</b>	2700K/3000K/4000K	<b>Colour Temperature</b>	2700K/3000K/4000K
<b>Ömür</b>	50000h	<b>Life Time</b>	50000h
<b>Çalışma Sıcaklığı</b>	-25°C/+50°C	<b>Operating Temperature</b>	-25°C/+50°C
<b>LED</b>	Nichia	<b>LED</b>	Nichia
<b>Driver</b>	Tridonic-Osram-Mean Well	<b>Driver</b>	Tridonic-Osram-Mean Well
<b>Uygunluk</b>	EN60598-1:2009-04	<b>Conformity</b>	EN60598-1:2009-04

Ürün Kodu Product Code	Güç Power	Çıkış Işık Akısı Lumen Output	Verimlilik Efficiency	Işık Açısı Beam Angle	Işık Kaynağı Light Source	CRI	Ø (mm)	CUT OUT (mm)	H (mm)
53021	25W	2350Lm	95Lm/W	19°	LED	+80	235	175	310





## ÜRÜN ÖZELLİKLERİ/PRODUCT SPECIFICATIONS

<b>Ürün Tanımı</b>	Dış Mekan Downlight	<b>Product Descripton</b>	Outdoor Downlight
<b>Gövde</b>	Alüminyum Enjeksiyon Paslanmaz Çelik Civatalar,Silikon Conta	<b>Body</b>	Die-Cast Aluminum Stainless Steel Screws,Silicone Rubber Gaskets
<b>Difüzör</b>	Temperli Cam-Ledil Lens	<b>Diffuser</b>	Temperli Cam-Ledil Lens
<b>SDCM (MacAdam)</b>	3	<b>SDCM (MacAdam)</b>	3
<b>Renk Sıcaklığı</b>	2700K/3000K/4000K	<b>Colour Temperature</b>	2700K/3000K/4000K
<b>Ömür</b>	50000h	<b>Life Time</b>	50000h
<b>Çalışma Sıcaklığı</b>	-25°C/+50°C	<b>Operating Temperature</b>	-25°C/+50°C
<b>LED</b>	Nichia-CREE	<b>LED</b>	Nichia-CREE
<b>Driver</b>	Tridonic-Mean Well-Invertronics	<b>Driver</b>	Tridonic-Mean Well-Invertronics
<b>Uygunluk</b>	EN60598-1:2009-04	<b>Conformity</b>	EN60598-1:2009-04

Ürün Kodu Product Code	Güç Power	Çıkış Işık Akısı Lumen Output	Verimlilik Efficiency	Işık Açısı Beam Angle	Işık Kaynağı Light Source	CRI	Ø (mm)	CUT (mm)	H (mm)
63019	9W	1080	120Lm/W	-	LED	+80	134	125	114
63020	12W	1440	120Lm/W	-	LED	+80	134	125	114
63021	15W	1800	120Lm/W	-	LED	+80	134	125	114
63022	18W	2160	120Lm/W	-	LED	+80	134	125	114





# SOHO

Light Design

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