



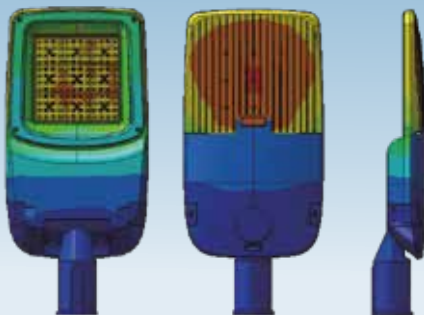
sun solar
Turkey

SOLAR
LED STREET LIGHT

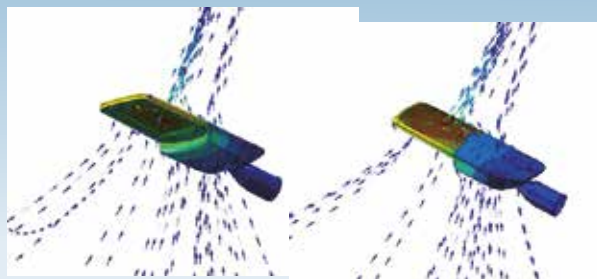


THERMAL MANAGEMENT

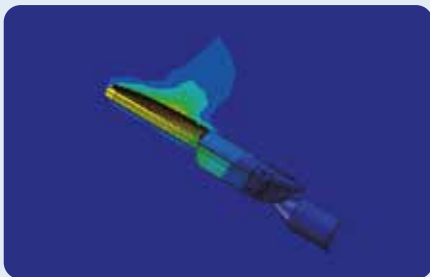
Structure is optimized by advanced FEA technology. Cold-Hot Zones are divided to achieve longer lifespan for the LED driver.



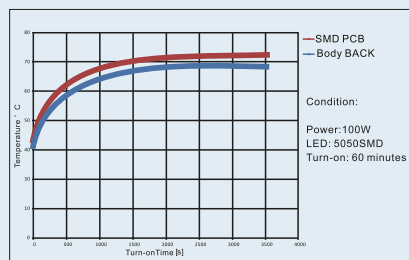
Thermal Conductivity



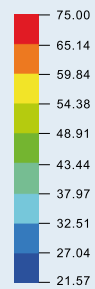
Thermal Air Convection



Thermal Effects to Air



Temperature Rise Curve



Unit: °C



40W-75W/80-120W/150-200W/200-240W



ADC12 Die-casting Aluminum back cover

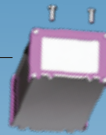


Knife-switch, Automatic power off when back cover is opened



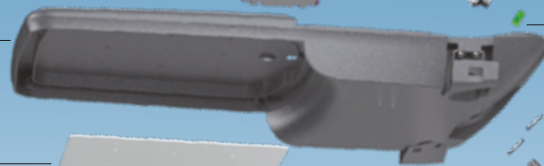
Waterproof silicone rubber

Adapted to brand power supply



Waterproof gland

ADC12 Die-cast Aluminum lamp body



Spirit level

High efficiency aluminum PCB, Efficient heat dissipation



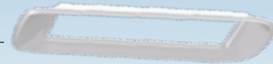
SMD3030/5050 light source (optional)



Adjustable 90/180° Adapter arm

Anti-UV anti-glare pc lens

Nano reflector



Waterproof silicone rubber



Tempered glass



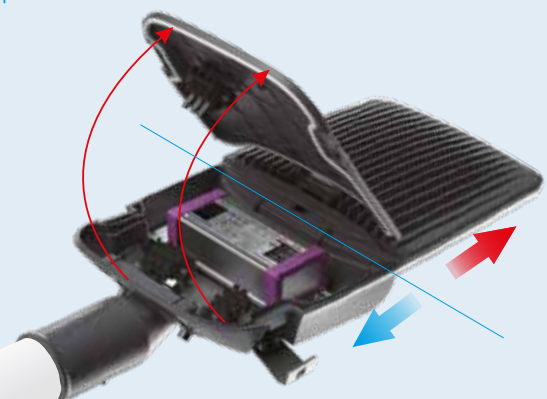
ADC12 Die-casting Aluminum frame

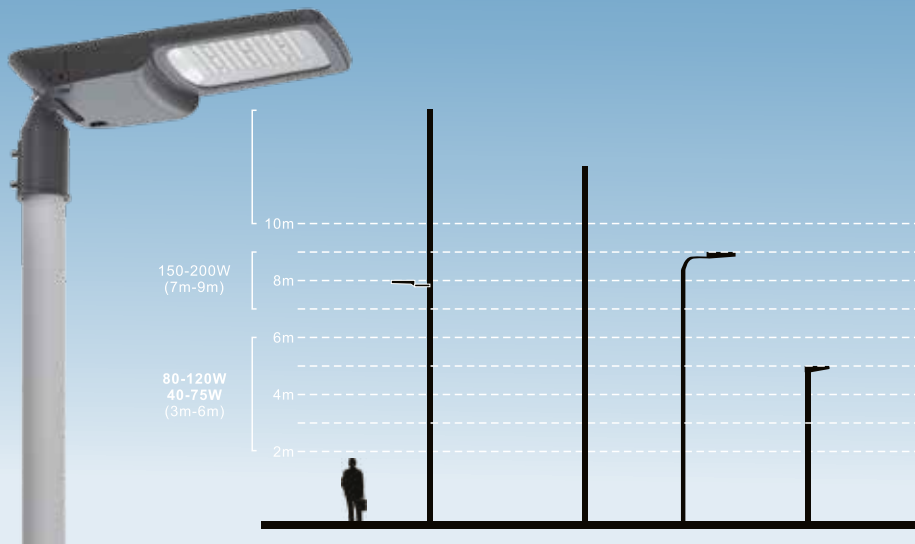


304 Stainless steel screws

TOOL-FREE BUCKLE DESIGN

- Thermoelectric divided structure
- Auto-power-off when back cover is opened.
- SPD is optional

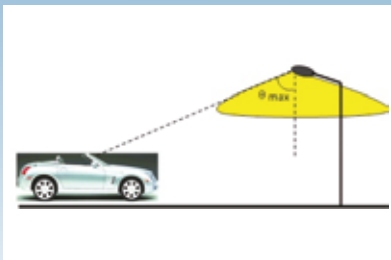
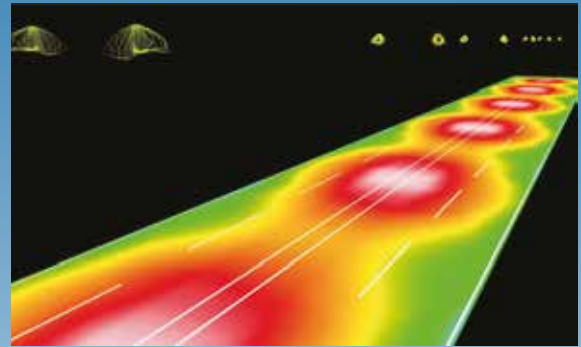




PARAMETER



Power	40-75W	80-120W	150-200W	200-240W
Product Size	520*210*70	560*260*70	660*260*70	720*260*70
Kit weight (KG)	2.3kg	3.1kg	3.6kg	4kg
DARKOO Lens	4Piece	9Piece	15Piece	18Piece
SMD 3030	16-in-one	16-in-one	16-in-one	16-in-one
3030 PCB Circuits	8C8B(64PCS)	8C18B(144PCS)	8C30B(240PCS)	8C36B(288PCS)
SMD 5050	6-in-one	6-in-one	6-in-one	6-in-one
5050 PCB Circuits	2C12B(24PCS)	2C27B(54PCS)	2C45B(90PCS)	2C54B(108PCS)



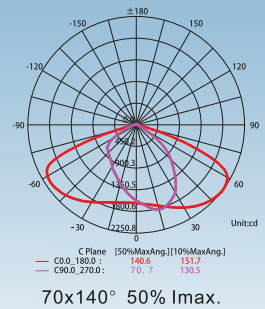
Energy Saving Design



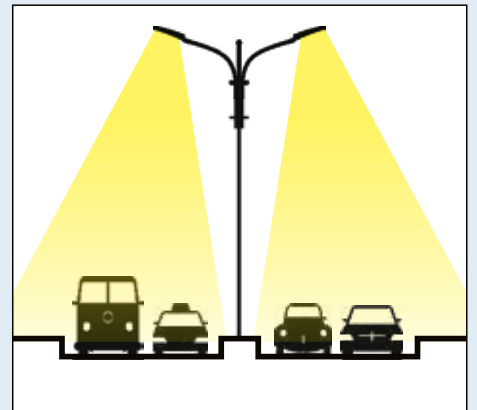
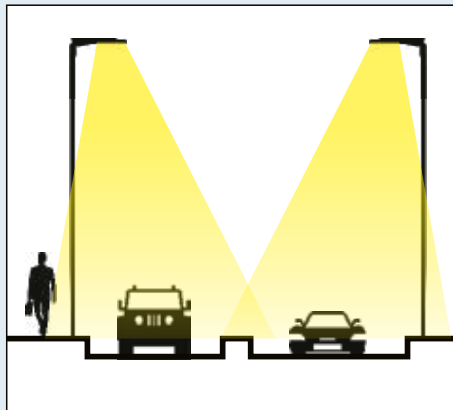
Highly Uniformity Design



Cut-off Angle Design



建议照明场景

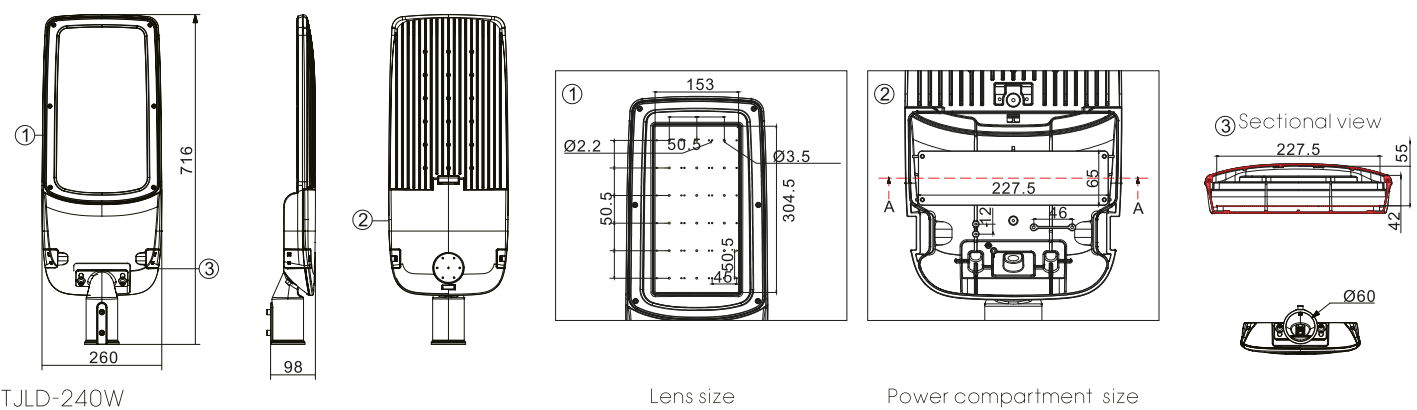
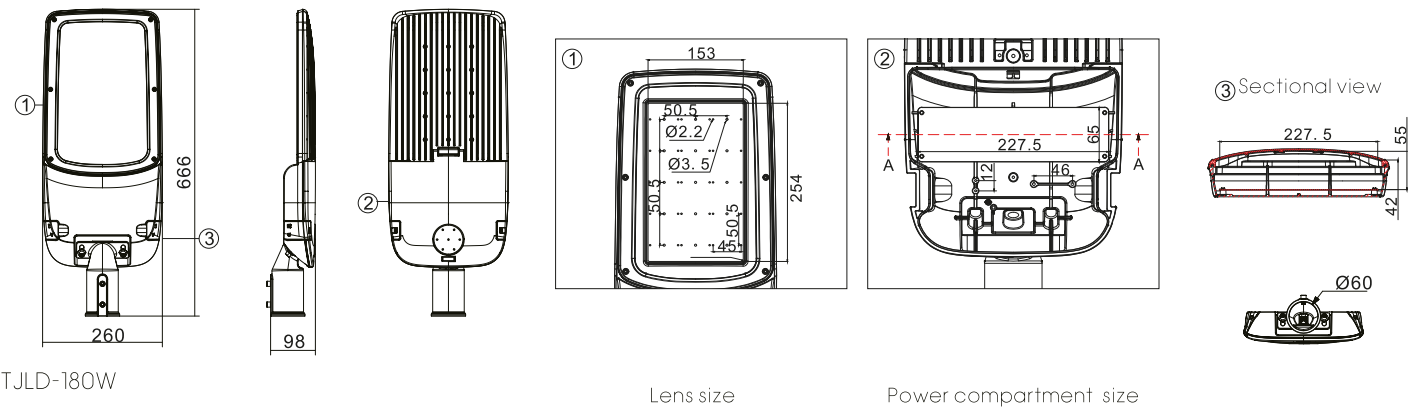
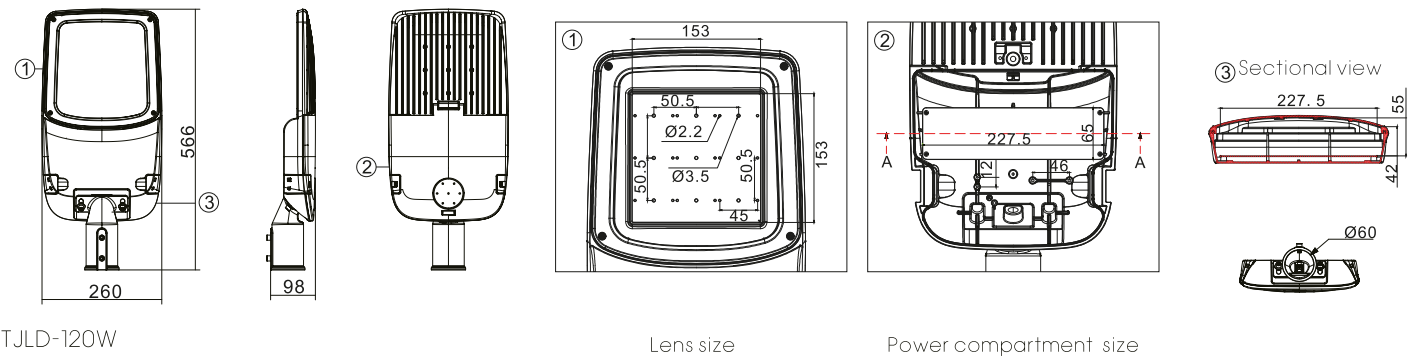
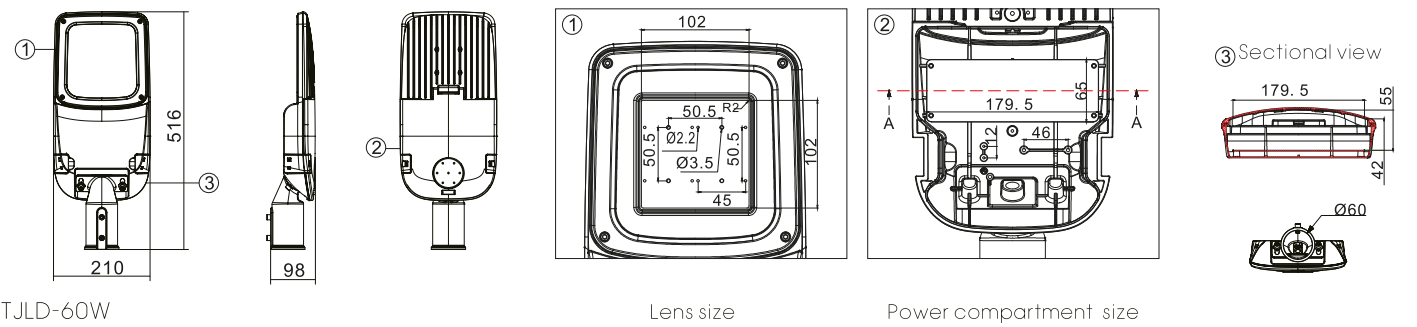


THREE INSTALLATION METHODS

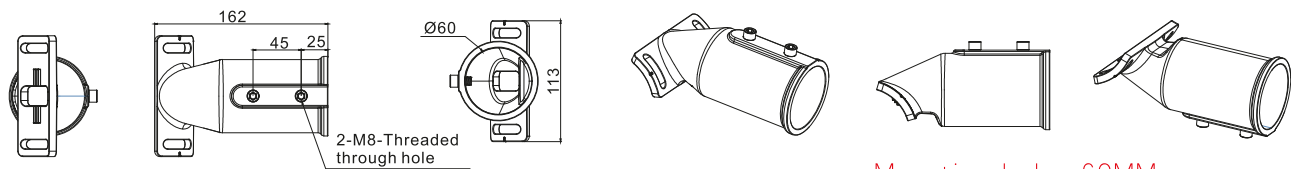


DIAGRAMS

unit:mm

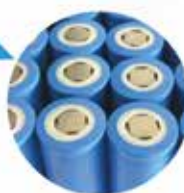


SUPPORT ARM SIZE



Mounting holes:60MM

Sun STAR



Electrical Characteristic	
Rated Power	60W
Solar Panel	12W
LifePo4 Battery	3.2V 10000mah
Charging Time	6-8H
Lighting Time	2-3 nights
Working Temperature	0℃~+65℃
Sensing Distance	6-8M
Package	31*27*55cm/4pcs/12.6kg

Electrical Characteristic	
Rated Power	120W
Solar Panel	18W
LifePo4 Battery	3.2V 15000mah
Charging Time	6-8H
Lighting Time	2-3 nights
Working Temperature	0℃~+65℃
Sensing Distance	6-8M
Package	67*26*30cm/3pcs/13.5kg

Electrical Characteristic	
Rated Power	180W
Solar Panel	24W
LifePo4 Battery	3.2V 20000mah
Charging Time	6-8H
Lighting Time	2-3 nights
Working Temperature	0℃~+65℃
Sensing Distance	6-8M
Package	79*27*32cm/3pcs/18.6kg



	Solar Panel	Battery	Lamp Size	Material
Sun Star 60W	12W	3.2V 10000 mah	410*200*70mm	Aluminum
Sun Star 120W	18W	3.2V 15000 mah	510*240*70mm	
Sun Star 180W	24W	3.2V 20000 mah	640*250*70mm	

Tünel A Projektör

Tunnel A LED Projector

30W » 100W



- Projektörün gövdesi alüminyum enjeksiyon yöntemi ile soğutma kanallı 6063 kalite malzemeden tek parça olarak imal edilmiştir.
- Projektörde kullanılan tüm vida ve somunlar tam paslanmaz krom malzemeden imal edilmiştir.
- Projektör 6 saat çalıştıktan sonra PCB üzerinde herhangi bir LED'in 1 cm uzaklığındaki sıcaklık değeri 60 dereceyi geçmez.
- Projektör içinde, ana gövdeye paslanmaz, çelikten mamul vidalar ile tek parça alüminyum PCB'ler sıkıca monte edilmiş ve sökülüp takılmaya elverişli kendinden soketli kablolar kullanılmaktadır.
- Projektörün ana gövdesinin ölçüleri 330 * 200 * 150mm olup komple ağırlığı, 4.800gr.dır
- Tünel B projektörler, isteğe bağlı olarak 30W - 100W arası imal edilmektedir.

- The body of the projector is made of single piece of 6063 quality material with cooling channel by aluminum injection method.
- All screws and nuts used in the projector are manufactured from full stainless chrome material.
- After the projector has been working for 6 hours, the temperature of 1 cm from any LED on the PCB does not exceed 60 degrees.
- The main body of the projector measures 330 * 200 * 150mm and the complex weight is 4.800gr.
- Tunnel B projectors are manufactured between 30W and 100W depending on demand.

WATT	ÖMÜR	LÜMEN DEĞERİ
30 W	>70.000 saat	3.500 Lm
50 W	>70.000 saat	6.000 Lm
60 W	>70.000 saat	7.000 Lm
80 W	>70.000 saat	9.000 Lm
100 W	>70.000 saat	11.500 Lm



Tünel B Projektör

Tunnel B LED Projector

108W » 300W



- Projektörün gövdesi alüminyum enjeksiyon yöntemi ile soğutma kanallı 6063 kalite malzemeden tek parça olarak imal edilmiştir.
- Projektörde kullanılan tüm vida ve somunlar tam paslanmaz krom malzemeden imal edilmiştir.
- Projektör 6 saat çalıştıktan sonra PCB üzerinde herhangi bir LED'in 1 cm uzaklığındaki sıcaklık değeri 60 dereceyi geçmez.
- Projektör içinde, ana gövdeye paslanmaz, çelikten mamul vidalar ile tek parça alüminyum PCB'ler sıkıca monte edilmiş ve sökölüp takılmaya elverişli kendinden soketli kablolar kullanılmaktadır.
- Projektörün ana gövdesinin ölçüleri 440 * 245 * 175mm olup komple ağırlığı, 7.750gr.dır
- Tünel B projektörler, isteğe bağlı olarak 108W - 300W arası imal edilmektedir.

- The body of the projector is made of single piece of 6063 quality material with cooling channel by aluminum injection method.
- All screws and nuts used in the projector are manufactured from full stainless chrome material.
- After the projector has been working for 6 hours, the temperature of 1 cm from any LED on the PCB does not exceed 60 degrees.
- The main body of the projector measures 440 * 245 * 175mm and the complex weight is 4.800gr.
- Tunnel B projectors are manufactured between 108 and 300W depending on demand.

WATT	ÖMÜR	LÜMEN DEĞERİ
120 W	>70.000 saat	13.500 Lm
150 W	>70.000 saat	18.000 Lm
180 W	>70.000 saat	21.000 Lm
300 W	>70.000 saat	36.000 Lm



720 LED FLOOD LIGHT

**240W
360W
480W
720W
1000W
1500W**



SUN 720

Electrical Specifications

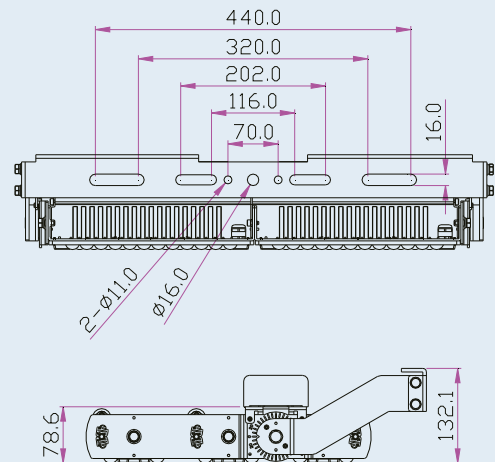
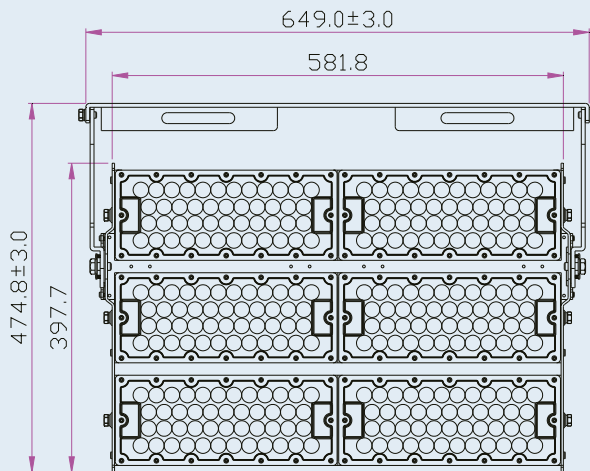
- **Led Power** 720w
- **IP Grade** IP65
- **Input Voltage** AC85-305V
- **Operating Temperature** -40°C to +50°C
- **Driver Brand** Meanwell driver 
- **Power Factor (PF)** >0.95
- **Driver Efficiency** >92%
- **Certification** CE,ROHS,TUV,FCC,ETL/DLC

Photometric & Packing Specifications

- **Led Lamp** SMD 5050 **PHILIPS**
- **Led Quantity** 276pcs LEDs
- **Lumen Output** >115200LM
- **Light Efficient** 160lm/w
- **Life span** >100000 hours
- **Beam angle** 20/40/60/90°(Symmetrical)
100°140°(Asymmetrical)
- **Guarantee** 5 years
- **CCT** 2700k~6500k
- **CRI** >80
- **NW/GW** 16.8kg/18.7kg
- **Product size** W649*L475*H132mm
- **Carton size** 695*512*172mm, 1pcs/CTN

Product size

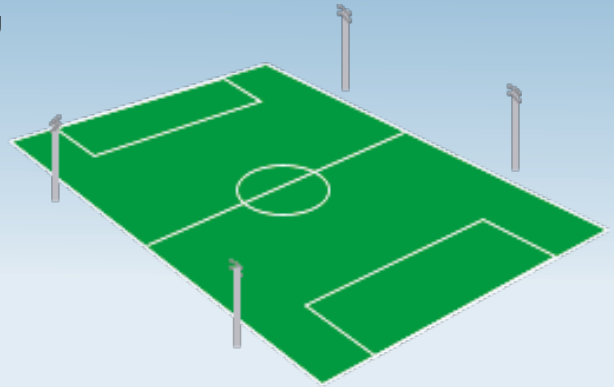
sunsolarturkey@gmail.com





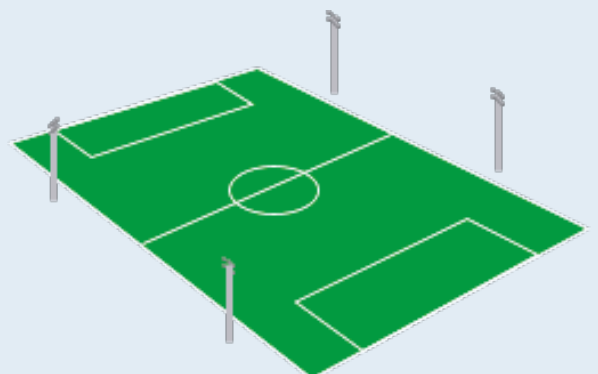
1. Four Corners

Four-Corners-for-SUN 720 -football-field-lighting Lighting at four corners imply that the lighting poles are set at four corners around the stadium, so that the light beams cover from corners to center of the ground. For this purpose, the height for poles must be as high as possible so that the light can travel easily to the center while controlling anti-glare as well as uniformity of light. To create uniformity in lights, the height of installation should be at least above 30 meters from the ground in Class I stadium.



2. Four Poles in Center

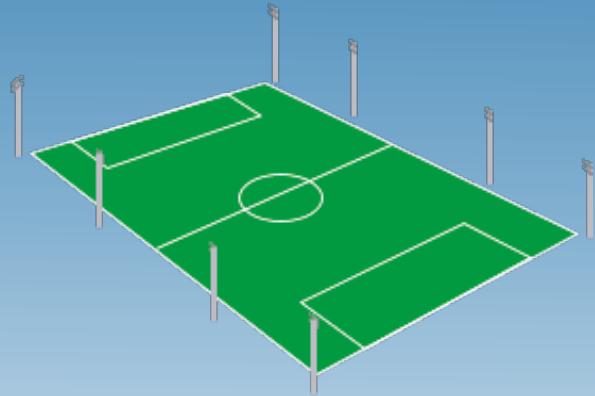
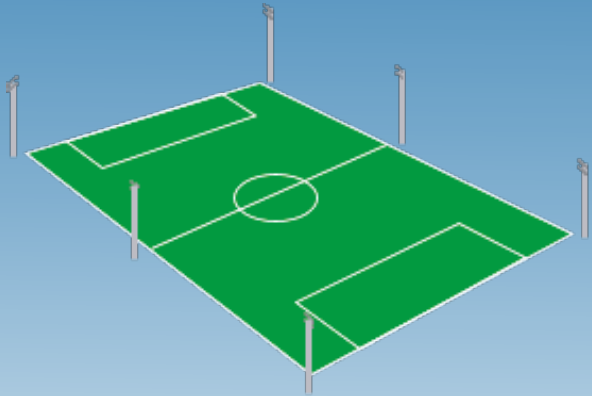
Four-Poles-in-Center-for-sun 720-football-field-lighting In this category, the four lighting poles are arranged at the very center of the two sides; this enable the light beams to cover the complete ground evenly. This is important to consider, so this needs to be set as high as possible as well.



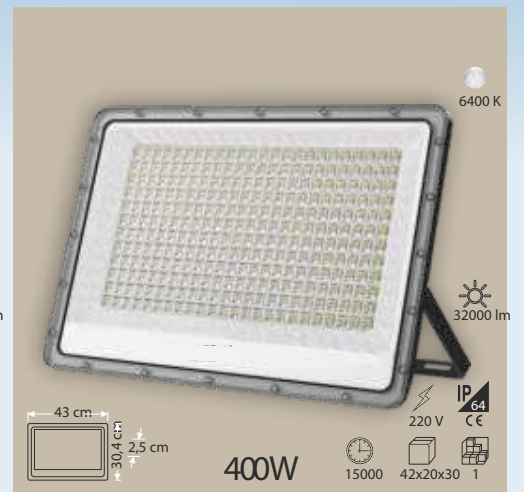
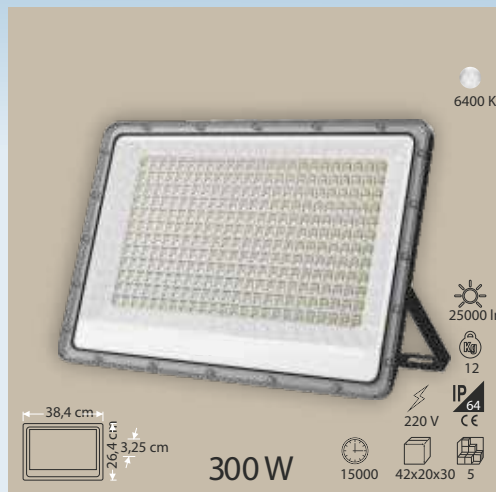
STADIUM LED FLOOD LIGHT

3. Six to Eight Pole Distribution

When it comes to more lighting poles, the height of the poles does not need to be too high. The uniformity will come with normal height as well. This is usually for training grounds in high schools and community grounds.



30W- 50W- 100W- 150W- 200W- 300W- 400W- 500W



IP66
180LM/W 50W-400W
SPORTLUX SERIES
LED FLOODLIGHT SPECIFICATION



- Smart and modern design, the minimalist design puts the focus squarely on the product itself.**
- Excellent heat dissipation design, pure ADC12 high thermal conductivity heat sink to guarantee the perfect heat dissipation.**
- IK08 tempered glass with 94% light transmittance and anti-ultraviolet radiation IK10 optical PC lenses**
Outside IK08 tempered glass to protect inside anti-ultraviolet radiation optical PC lens,
Anti-ultraviolet radiation PC optical lens with high light transmittance and secondary light dissipation technology,
optional light distribution curve, available with 15°, 30°, 60°, 90°, 120°, Type II, Type III.
- Support built-in 10KV/20KV SPD** (surge protection device), extends the lifetime of the product while protecting the driver and the luminaire from thunder too.
- 270° adjustable bracket**, adjustable bracket for different installation requirement.
- High product reliability by applying 13 steps painting process, high efficiency coating.** Paint and metal parts successfully passed the 500 hours salt spray test.
- Cost-effective and efficient lighting solution for a fast return of investment.**



Product data sheet
50W-600W 180lm/W
SPORTLUX LED FLOODLIGHT

sun solar
Turkey

Product code	SL-FL50W XXS2SG	SL-FL75W XXS2SG	SL-FL100W XXS2SG	SL-FL150W XXS2SG	SL-FL200W XXS2SG	SL-FL250W XXS2SG	SL-FL300W XXS2SG	SL-FL400W XXS2SG
Power	50W	75W	100W	150W	200W	250W	300W	400W
Input Voltage	AC100-277V							
Chip Brand	Philips 3030, Cree 3030, Osram 3030							
Driver Brand	SOSEN / MOSO(standard); Mean Well, Inventronics, Philips and Done(optional)							
Luminous Efficacy	180lm/W (@4000K or 5000K tested)							
CRI	>70Ra / >80Ra							
CCT	2200K-6500K							
Ral code	RAL9004 signal black							
Power Factor	>0.95							
Beam Angle	15°, 30°, 60°, 90°, 120°, Type II, Type III							
Material	ADC12, anti UV IK10 optical PC lens, IK08 tempered glass							
Life Span	≥108,000 hours							
IP Grade	IP66							
Surge Protection	Support built-in 10KV/20KV SPD							
Operating Tem.	-30~50°C							
THD	< 12%							

IP66



CB



**UK
CA**

CE



RoHS



Features

50W-600W 180lm/W

SPORTLUX LED FLOODLIGHT

**sun solar
Turkey**



Modular optical PC lenses design

More accurate lighting distribution curve, to improve the effective illumination by 26%, optional light distribution curve, 15°, 30°, 60°, 90°, 120°, Type II, Type III



Smart and modern design, the minimalist design

The minimalist design puts the focus squarely on the product itself.



Excellent heat dissipation design

Sleek appearance design to decrease the dust falling on the fixture, pure ADC12 high thermal conductivity heat sink to guarantee the perfect heat dissipation.



A variety of drivers are available

Such as Sosen, Moso, Mean Well, Inventronics, Philips and Done.

Features

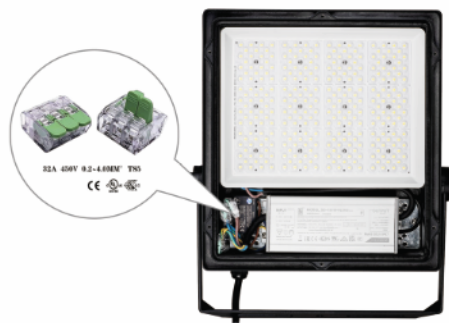
50W-600W 180lm/W

SPORTLUX LED FLOODLIGHT

**sun solar
Turkey**

Quick connector

UL, ENEC and TUV CE approved quick connector, easier to replace the driver or surge protection device.



0-10V dimming or DALI control

DALI control. Luminaires can be controlled by a computer.

1-10V dimming. Luminance can be divided into 10 level, set it upon your specific requirements.

IK08 tempered glass and anti-ultraviolet radiation IK10 optical PC lens

Outside IK08 tempered glass to protect inside anti UV optical PC lens, inside anti-ultraviolet radiation PC optical lens with high light transmittance and secondary light dissipation technology, optional light distribution curve, available with optics 15°, 30°, 60°, 90°, 120°, Type II, Type III



Built-in 10KV or 20KV surge protection device for options

10KV or 20KV UL and TUV CE approved surge protection device ensure reliable and steady operating, extends the lifetime of the product while protecting the driver and the luminaire from lightnings too.



Features

50W-600W 180lm/W

SPORTLUX LED FLOODLIGHT

**sun solar
Turkey**

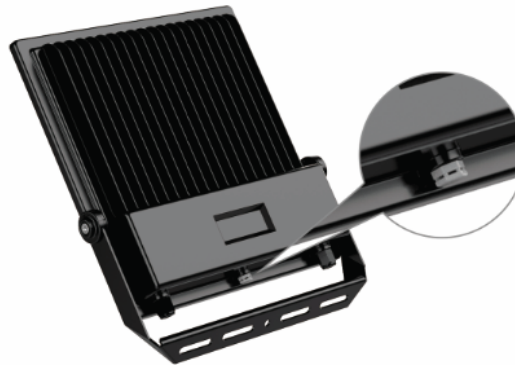
270°Adjustable bracket for different installation options

Adjustable bracket for different installation requirement.



Waterproof air permeable valve

Avoid condensation of water vapor in tempered glass.



Equipped with IP67 cable gland

Extended 0.6m 3-core leads flexible with IP67 connector for easy wiring and quick installation.

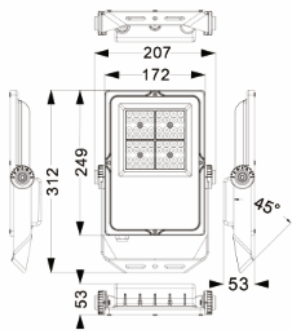


Features

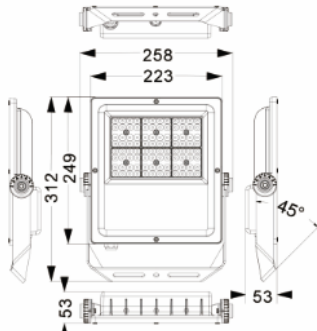
50W-600W 180lm/W

SPORTLUX LED FLOODLIGHT

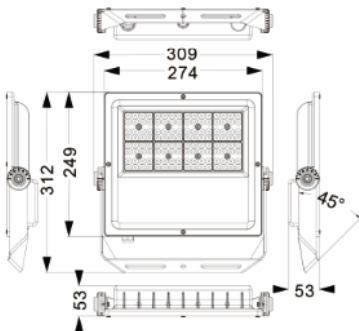
sun solar
Turkey



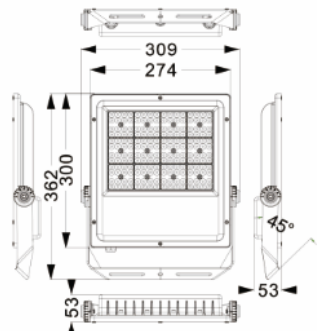
50-60W



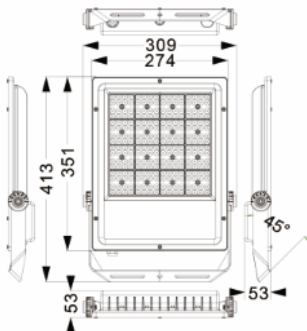
75W



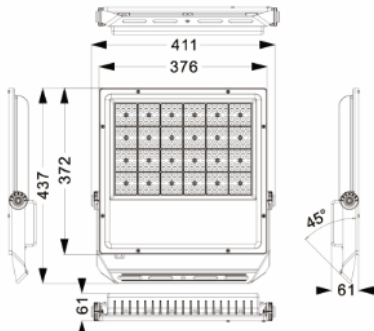
100W-120W



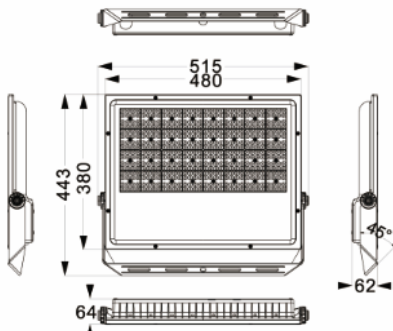
150W-180W



200W-250W



300W-320W



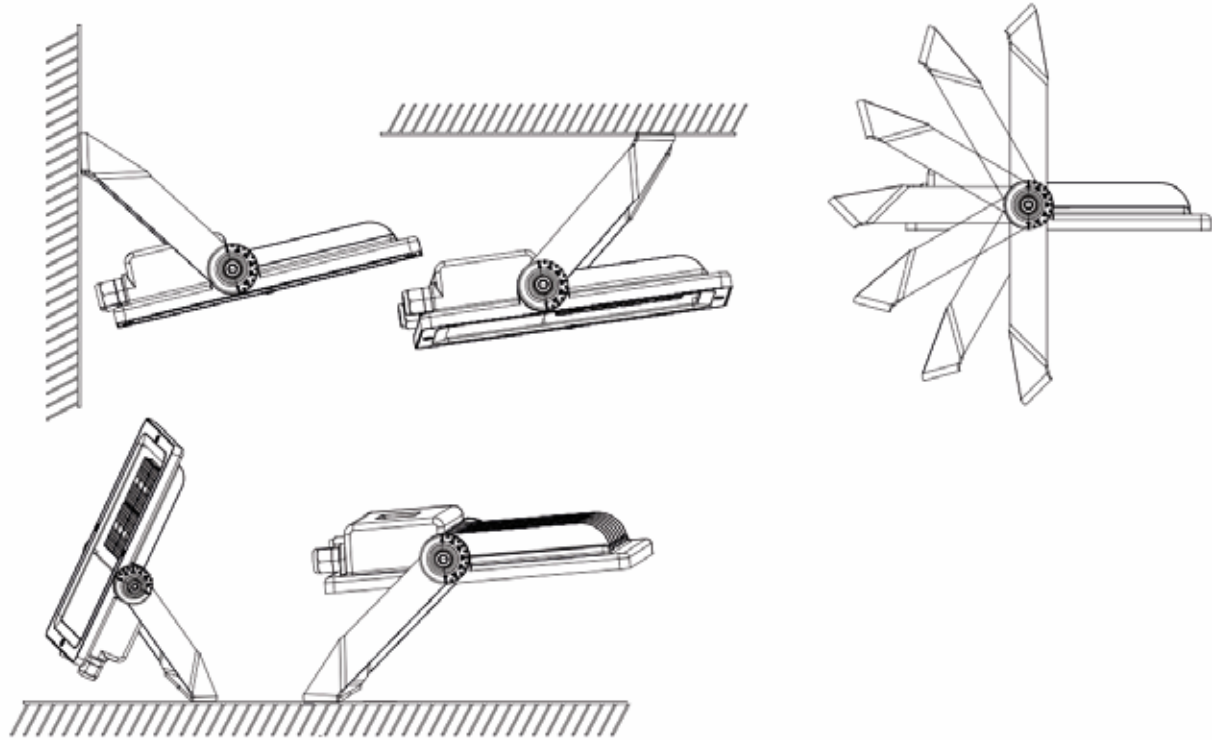
400W

Installation

50W-600W 180lm/W

SPORTLUX LED FLOODLIGHT

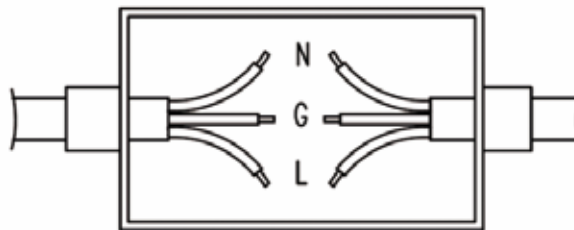
sun solar
Turkey



Warning:

Please turn off the power supply before installation. Live operation is strictly prohibited during installation.

The product must be properly grounded.



Installation instruction manual:

1. Fix the bracket on the wall by screws;
2. Adjust the lamp body to proper orientation;
3. Fix the screws that connecting the bracket and the lamp body;
4. Connect the wires accordingly . Brown wire is L, blue wire is N, and yellow-green wire is G.
5. Turn on the power.

SOLAR LED STREET LIGHT

Sun ABS



30W

Item No.	SUN30W-ABS
LED Lamp	5730 LED 60PCS 6000K-6500K
Solar Panel	6V 7W, Polycrystalline
Battery Type	LiFePO4 3.2V 12AH
Charging time	6-8 hours
Discharging time	30-36 hours
LED	160 lm/w
Material	ABS
Dimensions	400*230*65 mm
Install Height	3-5m
Warranty	3 years



60W

Item No.	SUN60W-ABS
LED Lamp	5730 LED 120PCS 6000K-6500K
Solar Panel	6V 9W, Polycrystalline
Battery Type	LiFePO4 3.2V 18AH
Charging time	6-8 hours
Discharging time	30-36 hours
LED	160 lm/w
Material	ABS
Dimensions	530*240*65 mm
Install Height	4-6m
Warranty	3 years



90W

Item No.	SUN90W-ABS
LED Lamp	5730 LED 180PCS 6000K-6500K
Solar Panel	6V 12W, Polycrystalline
Battery Type	LiFePO4 3.2V 24AH
Charging time	6-8 hours
Discharging time	30-36 hours
LED	160 lm/w
Material	ABS
Dimensions	645*250*65 mm
Install Height	5-8m
Warranty	3 years



120W

Item No.	SUN120W-ABS
LED Lamp	5730 LED 240PCS 6000K-6500K
Solar Panel	6V 18W, Polycrystalline
Battery Type	LiFePO4 3.2V 30AH
Charging time	6-8 hours
Discharging time	30-36 hours
LED	160 lm/w
Material	ABS
Dimensions	750*250*65 mm
Install Height	5-8m
Warranty	3 years



150W

Item No.	SUN150W-ABS
LED Lamp	5730 LED 300PCS 6000K-6500K
Solar Panel	6V 22W, Polycrystalline
Battery Type	LiFePO4 3.2V 36AH
Charging time	6-8 hours
Discharging time	30-36 hours
LED	160 lm/w
Material	ABS
Install Height	5-8m
Dimensions	838*250*65mm
Warranty	3 years



60W

Item No.	SUN60W-ALM
LED Lamp	Bridgelux 5730 LED 108PCS 6000K-6500K
Solar Panel	10V 16W, Polycrystalline
Battery Type	LiFePO4 6.4V 12AH
Charging time	6-8 hours
Discharging time	20-24 hours
LED	160 lm/w
Material	Aluminum
Install Height	4-6m
Dimensions	502*220*123mm
Warranty	3 years

SOLAR LED STREET LIGHT

Sun ALM



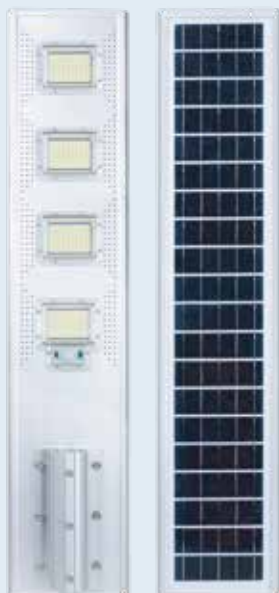
120W

Item No.	SUN120W-ALM
LED Lamp	Bridgelux 5730 LED 216PCS 6000K-6500K
Solar Panel	10V 22W, Polycrystalline
Battery Type	LiFePO4 6.4V 18AH
Charging time	6-8 hours
Discharging time	20-24 hours
LED	160 lm/w
Material	Aluminum
Install Height	6-8m
Dimensions	702*220*123mm
Warranty	3 years



180W

Item No.	SUN180W-ALM
LED Lamp	Bridgelux 5730 LED 324PCS 6000K-6500K
Solar Panel	10V 28W, Polycrystalline
Battery Type	LiFePO4 6.4V 24AH
Charging time	6-8 hours
Discharging time	20-24 hours
LED	160 lm/w
Material	Aluminum
Install Height	8-10m
Dimensions	902*220*123mm
Warranty	3 years



240W

Item No.	SUN240W-ALM
LED Lamp	Bridgelux 5730 LED 432PCS 6000K-6500K
Solar Panel	10V 39W, Polycrystalline
Battery Type	LiFePO4 6.4V 30AH
Charging time	6-8 hours
Discharging time	20-24 hours
LED	160 lm/w
Material	Aluminum
Install Height	8-12m
Dimensions	1117*220*53mm
Warranty	3 years

100W

Solar Bahçe Armatürleri



- Çalışma Süresi 10-18 Saat



- Çalışma Süresi 5-12 Saat



- Hava Karardığında
Otomatik Devreye Girer.



SOLAR TEKNOLOJİ
-Çevre Dostu
-Kolay Kurulum



UZAKTAN KONTROL
-Kumanda ile kontrol
-Açma / Kapama
-3200K - 4000K - 6500K
Seçeneklerinden tercih imkanı
-RGB Seçeneği ile geçişli
animasyon imkanı



100W
30cm Set Üstü



100W
Alüminyum Duvar Aplık



3X100
300cm Alüminyum Direk



2X100
300cm Alüminyum Direk



100W
80cm Alüminyum Direk

100W

Solar Bahçe Armatürleri



100W
30cm Set Üstü



100W
Alüminyum Duvar Aplık



3X100
300cm Alüminyum Direk



2X100
300cm Alüminyum Direk



100W
80cm Alüminyum Direk

SOLAR DEKORATİF SET ÜSTÜ ARMATÜRLER 20W



- Çevre Dostu
- Kolay Kurulum



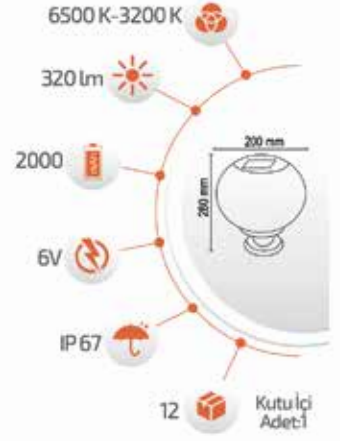
- Hava Karardığında Otomatik Devreye GİRER.



- Çalışma Süresi 6-12 Saat



- Çalışma Süresi 3-8 Saat



30-60W





Certification: CEROHS,TUV,FCC,SAA,C-tick



Light Efficient	>140lm/w	CRI	>80
Input Voltage	AC 85-305V DC 12-24V	CCT	2700-6500k
Driver Brand	Meanwell driver	IP Grade	IP66
Led Lamp	PHILIPS SMD 3030 & 5050	Power Factor	>0.95

Microwave/PIR sensor

Use advanced Microwave/PIR Sensor technology, more sensitive and optimize brightness automatically. Max sensing distance is 12M. The build-in Microwave/PIR Sensor could automatically regulate brightness by identify moving object around, increase brightness when object approaches and decrease after object leaves about 20-30s (can be customized). This fluctuation of lighting intensity could preserves solar energy effectively.

No object

With object



Matters needing attention

Please choose a place that is full of sunlight and can be completely exposed to the sun. Notice that the solar panels must be covered, and must be exposed to the sun.



Pls don't install this product in shadow of trees or wall

- "All-in-one" will not work without sun. Please select the matched product model according to the Sunlight intensity of the install location or the total annual radiation of solar energy. In the lacking sunlight or long continuous rainy day area, the working time of solar lights can be shortened or can not light, "All-in-one" light with mains supply or solar dual-mode electric power supply is suggested to choose in such case.
- "All-in-one" selects long-life lithium battery as energy storage device. Discharge condition at night is at temperature $-30^{\circ}\text{C} \sim +60^{\circ}\text{C}$, battery performance will be damaged beyond this range. Please make sure the local extreme temperature does not exceed the above condition when selecting the "All-in-one".
- "All-in-one" battery after fully charged, the longest store time can be up to six months. Check the battery in time after long time transport or storage, charge and record it on a regular time. Otherwise, the battery will be damaged.
- When installing "All-in-one", make the solar panel towards the direction of the sun as possible in order to get maximum energy and avoid houses and the shadow of obstacles such as trees at the same time, otherwise it will reduce the generating efficiency of the solar panel, and lead to "All-in-one" working time being shortened.
- "All-in-one" solar panel surface's degree of cleanliness also affects the generating efficiency of the solar panel. So its surface (such as dust, leaves, greasy dirt, etc.) needs to be cleaned, scrubbing with ordinary cleaner on a regular time is suggested.
- "All-in-one" internal parts are with good waterproof design, all reach IP65 standard. Ventilation holes and cracks on the shell are specially designed for the cooling and drainage. Metal parts are all made of corrosion resistance 1060 aviation aluminum or stainless steel, which can tolerate the strict environment of the sea or high heat and high humidity desert.



Certification: CE,ROHS,TUV,FCC,SAA,C-tick



Led Power	75W	100W	120W
Lumen Output	9750lm	13000lm	15600lm
NW/GW(kg)	7.5&9	7.5&9	7.5&9
Product size(mm)	W452*L452*H551	W452*L452*H551	W452*L452*H551
Carton size(mm)	540*540*650	540*540*650	540*540*650

Light Efficient	> 130lm/w	CRI	>80
Input Voltage	AC 85-305V	CCT	2700-6500k
Driver Brand	Meanwell driver	IP Grade	IP66
Led Lamp	PHILIPS SMD 3030	Power Factor	>0.95

Installation



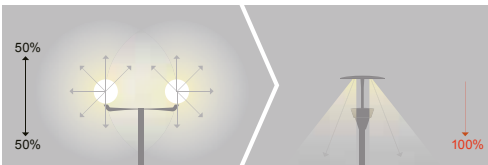
UP & DOWN installation

The MIC fastening system can be installed in UP configuration (head pole or br ac in ported conf iguretion)
 DOWN (suspension on arms or on rope stretched).
 The UP version is available with both than with four arms, the DOWN one it is standard with four arms.The version UP four arms can take on a shape more classic if corrected of the dedicated hat.

UP & DOWN installation

The MIC fastening system can be installed in a flush-mounted configuration (mast head or cantilever in load-bearing configuration) or in DOWN configuration (suspension on cantilevers or on a tensioned wire rope).
 The UP version is available with both two and four arms, while the DOWN version has four arms as standard.The flush-mounted version with four arms can take on a more classic shape if it is equipped with a specific decorative cover.

Feature



Energy Saving	75%
Light Pollution	0%
Life time	>50.000 hrs
On-off	immediately
Warranty	5 years

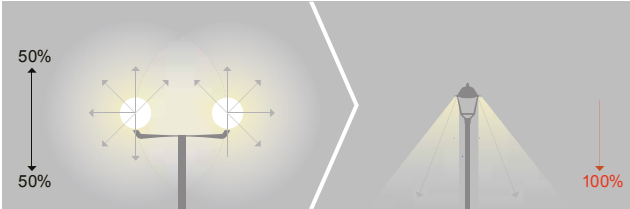
Reduced environmental impact

The replacement of old light points lamp with the products of the MIC line allows high energy savings and a reduction in pollution bright. (Cut -Off)



Energy Saving	75%
Light Pollution	0%
Life time	>50.000 h
On-off	immediately
Warranty	5 years

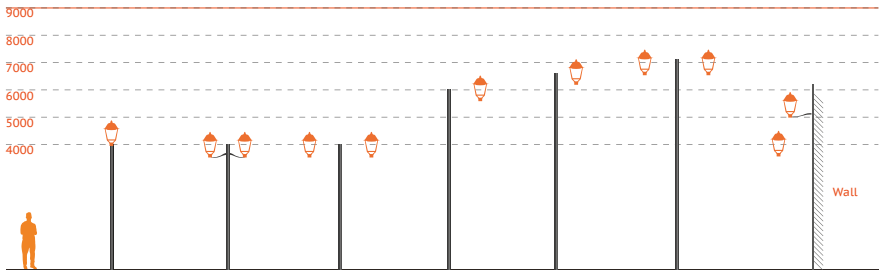
Lighting characteristics



Led Power	50W	75W	100W	120W
Lumen Output	6500lm	9750lm	13000lm	15600lm
NW	7.1kg	7.3kg	7.3kg	7.5kg
Product size(mm)	400*400*695	400*400*695	400*400*695	400*400*695
Carton size(mm)	450*450*760	450*450*760	450*450*760	450*450*760

Beam angle	120°	CRI	>80
Input Voltage	AC 90-305V	CCT	2700-6500k
Driver Brand	CE / Meanwell / Sosen driver	IP Grade	IP66
Led Lamp	Philips 3030 Led	Power Factor	>0.95

Installation

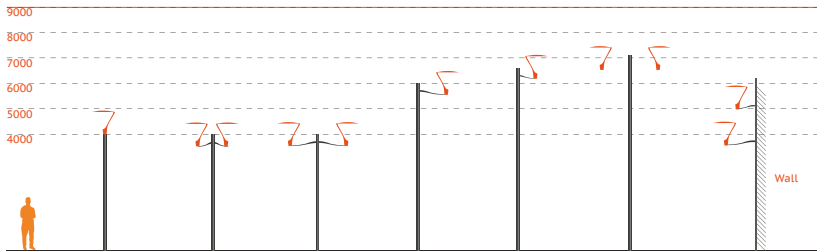




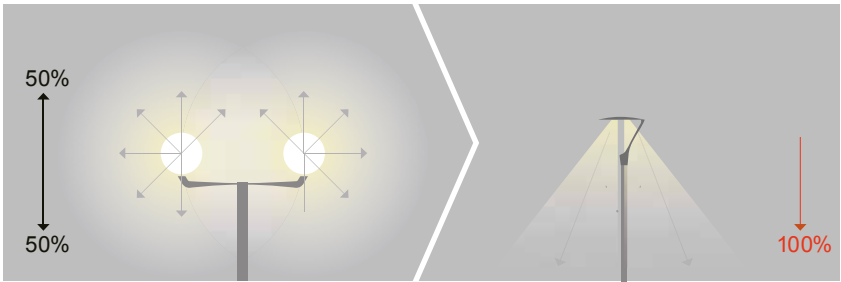
Led Power	25W	50W	75W
Lumen Output	2750lm	5500lm	8250lm
NW	5.8kg	6kg	6.2kg
Product size(mm)	466*445*480	466*445*480	466*445*480
Carton size(mm)	550*515*515	550*515*515	550*515*515

Beam angle	120°	CRI	>80
Input Voltage	AC 90-305V	CCT	2700-6500k
Driver Brand	CE / Meanwell / Sosen driver	IP Grade	IP66
Led Lamp	Philips 3030 Led	Power Factor	>0.95

Installation



Lighting characteristics



Energy Saving	75%
Light Pollution	0%
Life time	>50.000 h
On-off	immediately
Warranty	5 years

Reduced environmental impact

The replacement of old light points lamp with the products of the MIC line allows high energy savings and a reduction in pollution bright. (Cut -Off)

LED'li Gloplu Armatür

36W - 42W - 48W



Enerji Tüketimi: 36W. / 42W. / 48W.

Dış gövde: Alüminyum sıvama şapka 650mm.

Direk kaidesi: 90mm. veya isteğe bağlı 114mm. Alüminyum döküm.

Dış reflektör: Şeffaf akrilik Anfora Glop

İç reflektör: Alüminyum sıvama

Ebatları: Ø750 X 550mm.

Ağırlığı: 4.300 Gr.

Çalışma gerilimi: AC

Çalışma frekansı: 50 Hz.

Çalışma sıcaklığı : -40°C ile +55°C

PCB Baskı devre: 2mm. alüminyum, beyaz

Armatür güç verimi: 0,94

Armatür PFC: 0,90 üstü

Kullanılan LED cinsi: USA / CREE- XPHW- XPG

Armatür koruma sınıfı: IP65

Besleme modülü koruma sınıfı: IP65

LED akım sürücüleri: 300mA- 850mA.

Kullanım süresi: 50.00 saat kullanım ile en az %70 Lm. korumalı

PCB çalışma sıcaklığı: 12 saat kullanım sonunda maksimum 20 Kelvin

Besleme modülü: IP65 soketli, yerinde değiştirmeli.

LED foto biyolojik testi: IEC62471 Standardına göre yapılmıştır.

Armatür camı: 4mm. kalınlığında, temperli, ısıya ve ultraviyole ışınlar karşı korumalıdır.

Armatür güvenlik sınıfı: Class I

Armatür rengi: İsteğe bağlı RAL rengine. Elektrostatik Polyester Toz fırın boyalı.

Armatürler, voltaj kontrolü, akım kontrolü ve LED kontrolü için ters polarite korumasına sahiptir.

Ayrıca armatürlerin alçak gerilim deneyleri, izolasyon, kaçak akım testleri yapılmıştır.

Kullanıldığı alanlar: Cadde, yol, sokak, parklarda 3 - 4 m. Aydınlatma direklerinde.



WATT	ÖMÜR	LÜMEN DEĞERİ
36 W	>70.000 saat	3.800 Lm
42 W	>70.000 saat	5.000 Lm
48 W	>70.000 saat	6.000 Lm

Solar LED Products



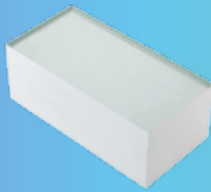
LED FLOOR SQUARE

Specially Developed Solar Energy Technology
LED color selection
Aluminum body - 10 mm glass
14 hours of light on sunny days
8 hours of light on cloudy days
IP68 protection



LED BUOYS

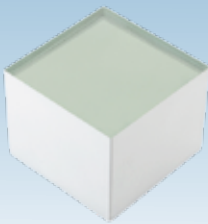
Specially developed solar energy technology
RGB color system
LED color selection 70 lumens light power
Resistant to seawater polyethylene plastic
UV resistant
Lithium-ion battery | 2000 mAh
10 hours of light on sunny days
7 hours of light on cloudy days
IP68 protection



LED FLOOR RECTANGLE

Specially Developed Solar Energy Technology
LED color selection
Aluminum body - 10 mm glass
14 hours of light on sunny days
8 hours of light on cloudy days
IP68 protection

LED Floor Square



Features

- Specially Developed Solar Energy Technology
- LED color selection
- Aluminum body - 10 mm glass
- 14 hours of light on sunny days
- 8 hours of light on cloudy days
- IP68 protection

Size

- 15*15 cm
- H: 8 cm



Colours



GREEN

AMBER



DAY LIGHT

BLUE

"Where are the electrical connections for the products?" and "Where should we place the solar panels?"
The answer is very simple.

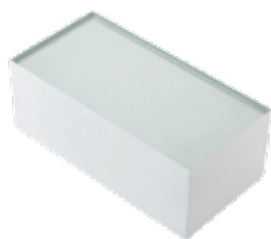
The entire system is self-contained within each product. No additional connection or installation is required.

Each product stores solar energy during the day using internal electronic equipment and converts the stored energy into direct current (DC) in the evenings, illuminating in the desired color.

Therefore, all you need to do is decide on the desired light color of the product you want to purchase and place it in the desired area for use. You don't need to do anything else. The system operates automatically.
They provide approximately 14 hours of light during the nights of sunny days.



LED Floor Rectangle

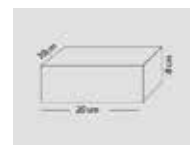


Features

- Specially Developed Solar Energy Technology
- LED color selection
- Aluminum body - 10 mm glass
- 14 hours of light on sunny days
- 8 hours of light on cloudy days
- IP68 protection

Size

- 10*20 cm
- H: 8 cm



Colours



GREEN



AMBER



DAY LIGHT



BLUE



LED Buoys

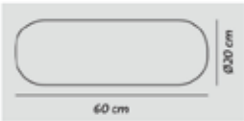


Features

- Specially developed solar energy technology
- RGB color system
- LED color selection 70 lumens light power
- Resistant to seawater polyethylene plastic
- UV resistant
- Lithium-ion battery | 2000 mAh
- 10 hours of light on sunny days
- 7 hours of light on cloudy days
- IP68 protection

Size

- Length : 60 cm
- Diameter : 20 cm



WHITE



DAY LIGHT



GREEN



BLUE



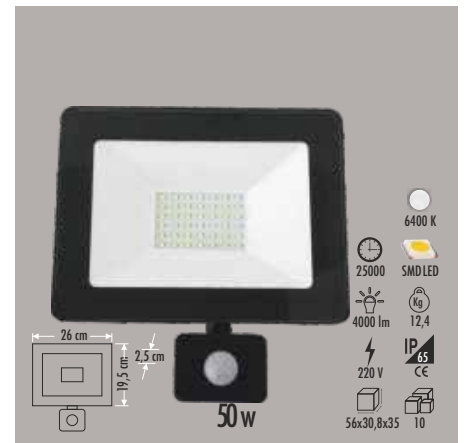
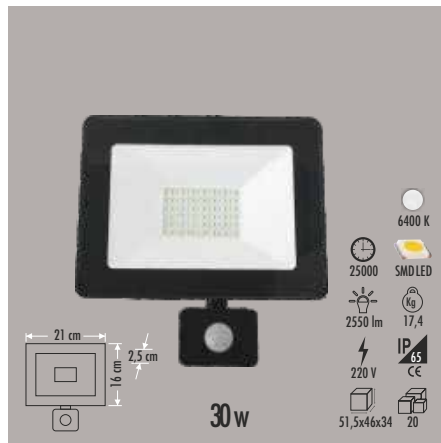
RED



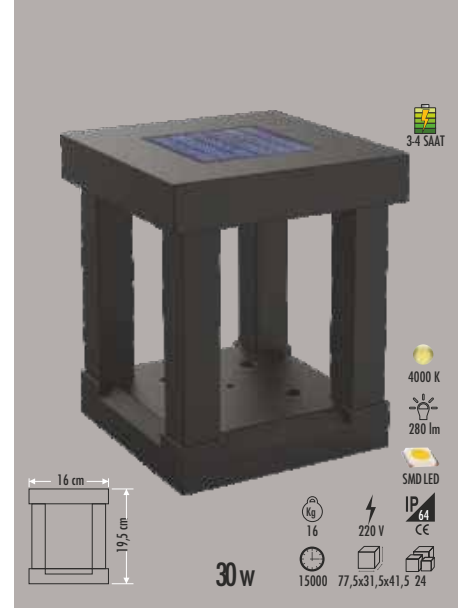
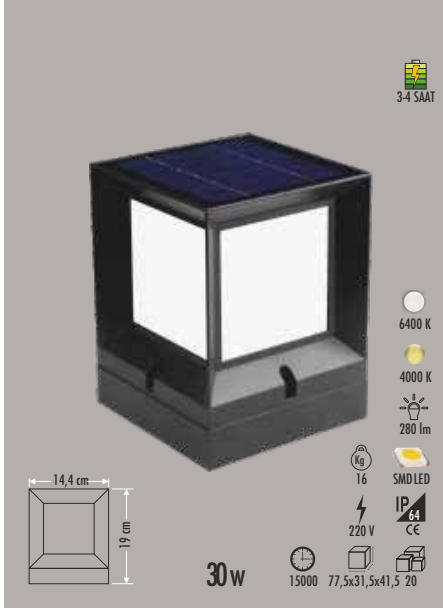
AMBER



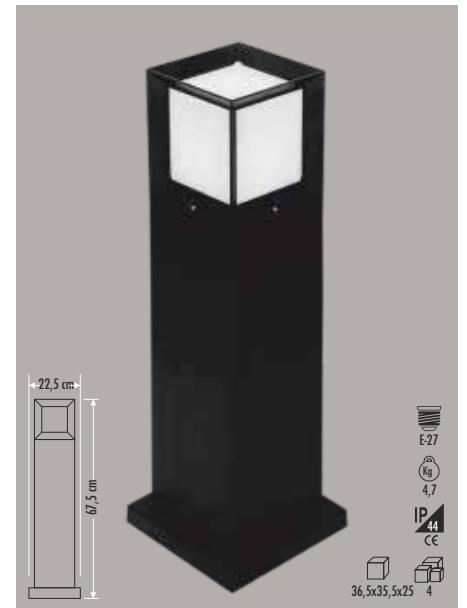
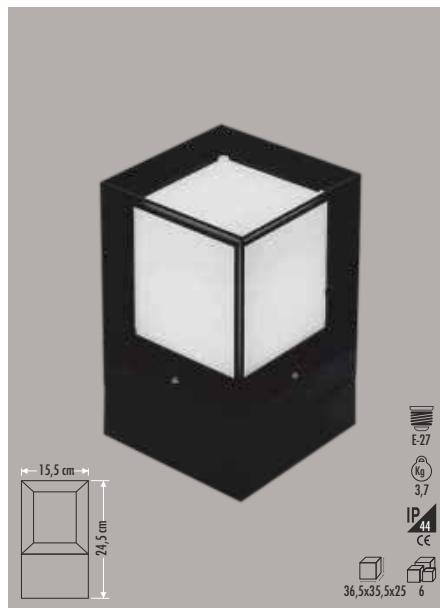
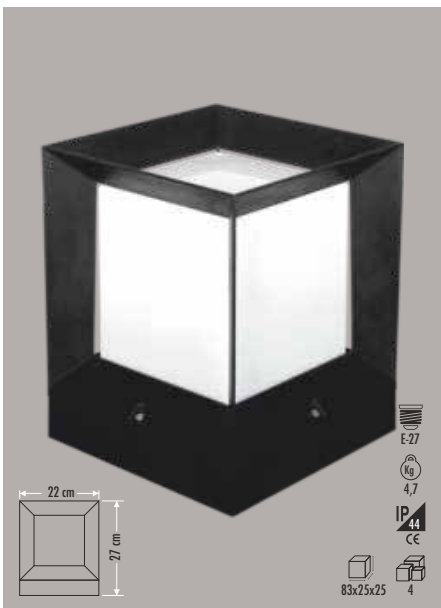
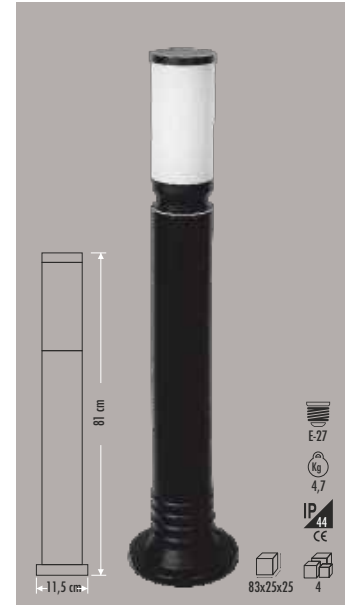
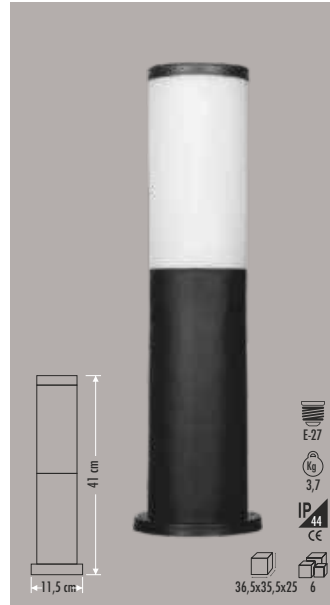
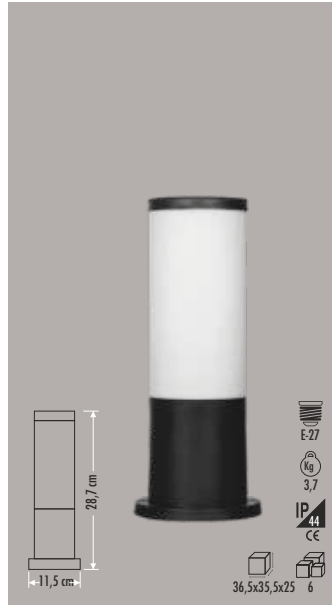
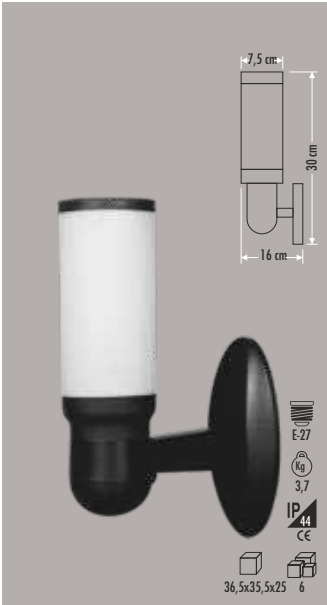
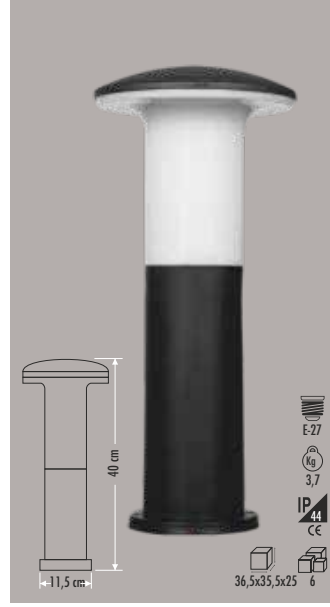
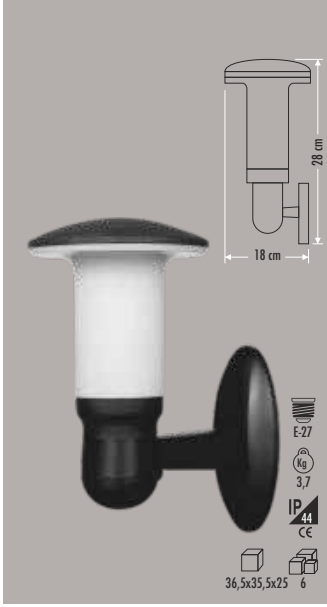
SOKAK VE YÜKSEK TAVAN LED VE SENSÖRLÜ PROJEKTÖR



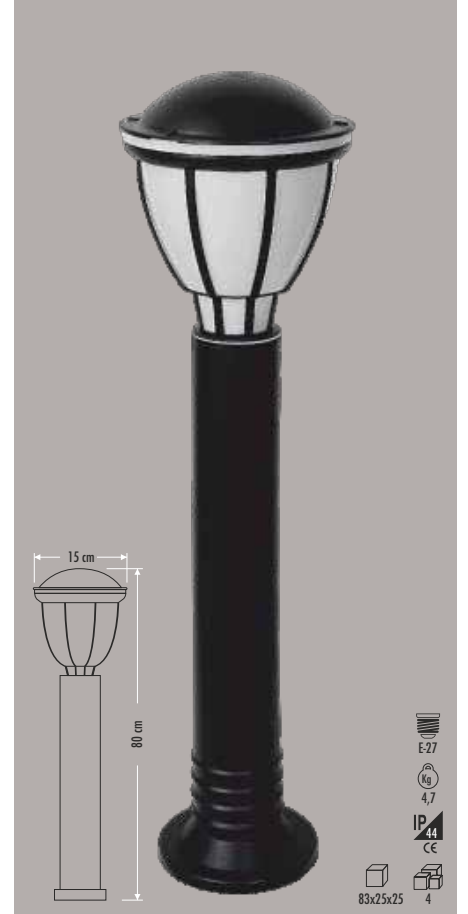
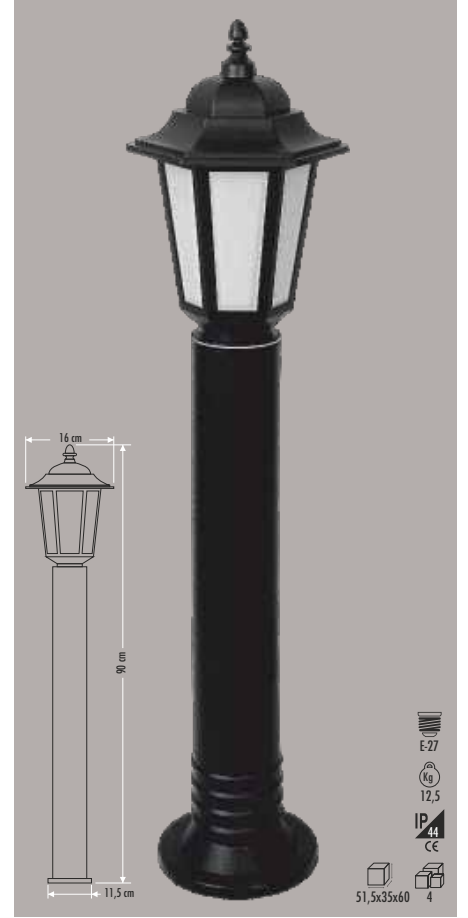
SOLAR BAHC VE APLIKLER



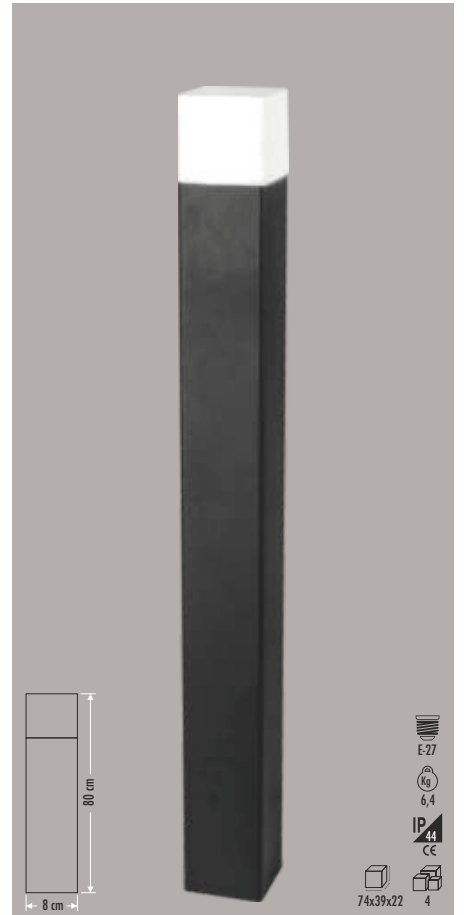
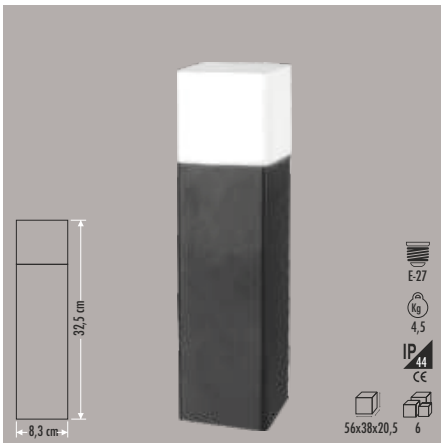
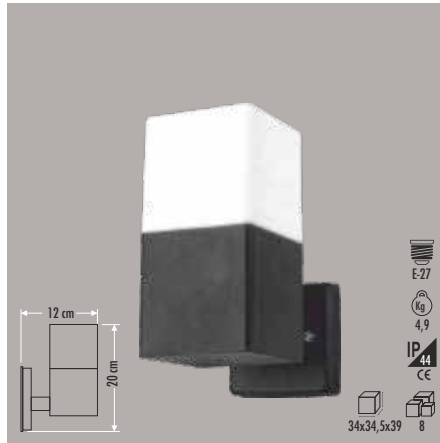
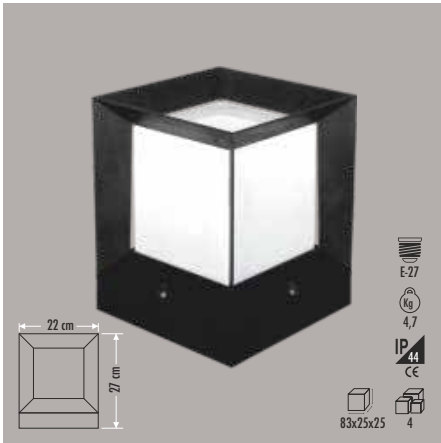
BAHÇE ARMATÜR



BAHÇE ARMATÜR



BAHÇE ARMATÜR



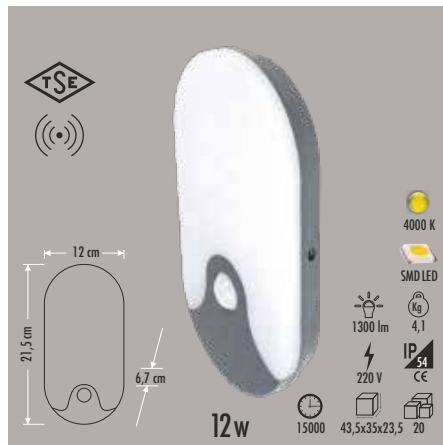
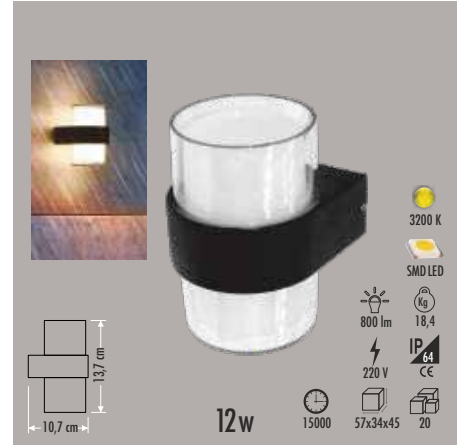
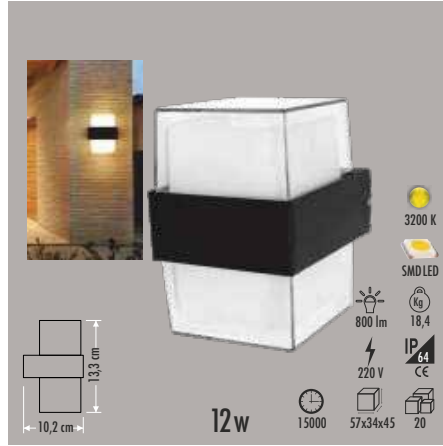
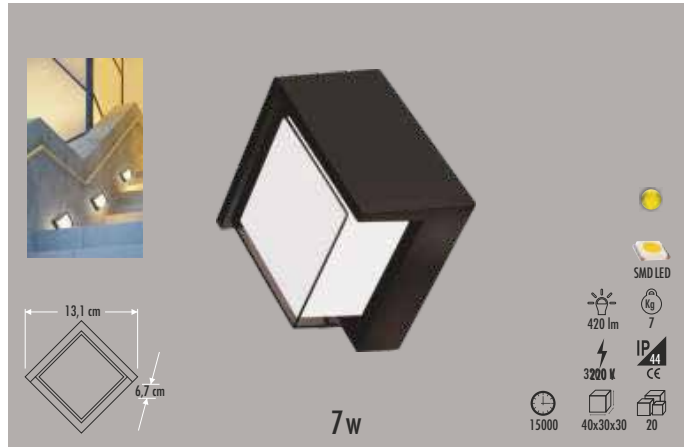
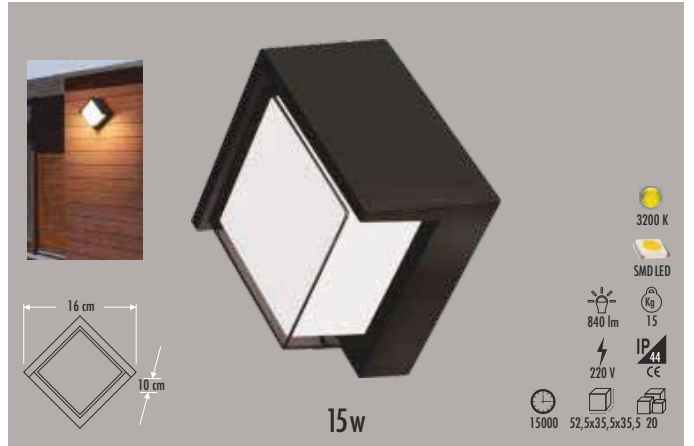
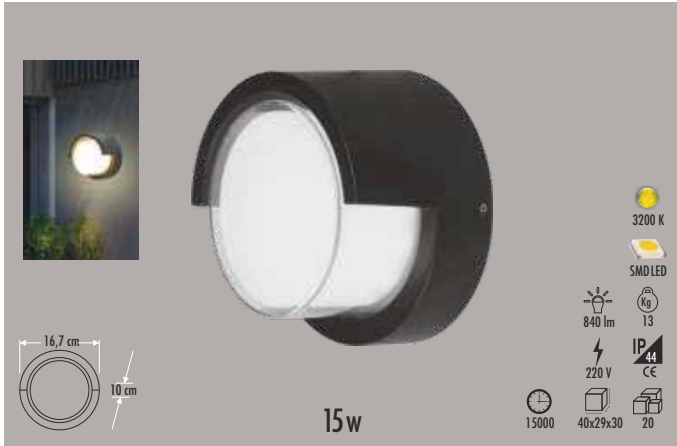
DIŞ MEKAN MODERN LED APLİK VE BAHÇE ARMATÜR



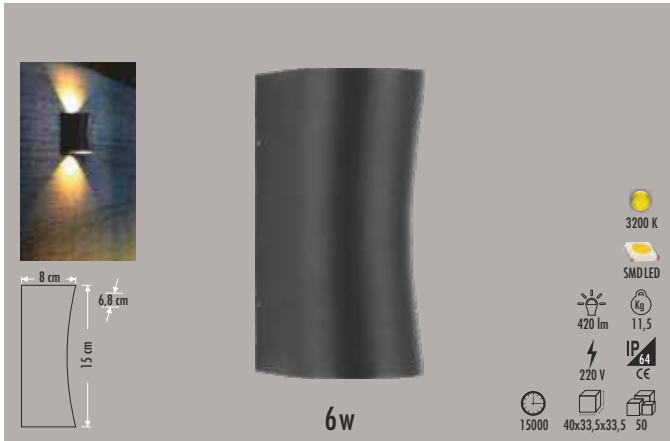
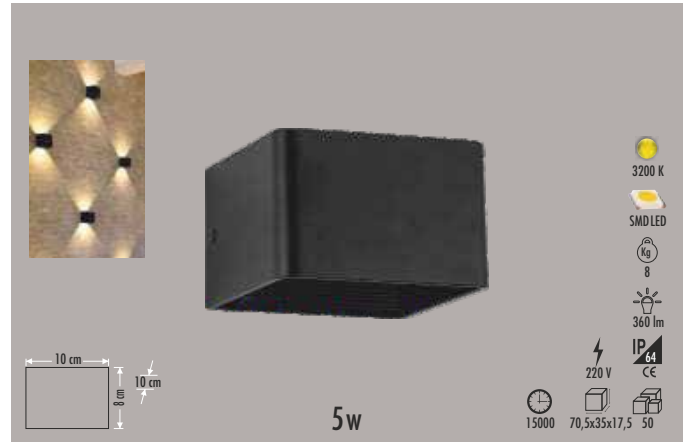
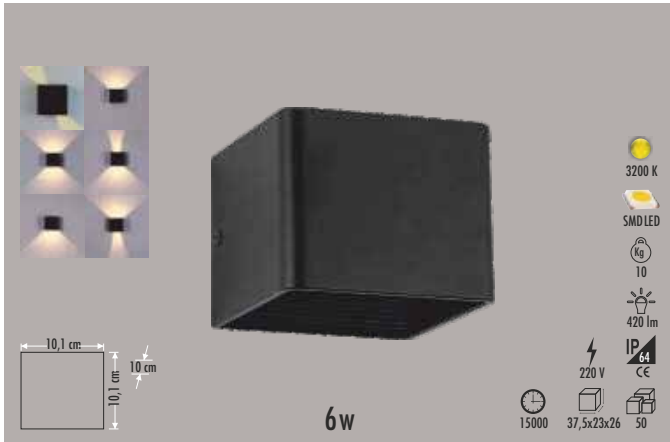
LED VE SOLAR BAHÇE ARMATÜR



DIŞ MEKAN MODERN LED APLİK



DIŞ MEKAN MODERN LEDLİ APLİK



LED LINEAR ARMATÜR

Driver
TRIDONIC
ÇİP **OSRAM**



1 w = 120 LÜMEN

40 w 100 CM
50 w 120 CM
60 w 150 CM
70 w 200 CM

SMD LED 2700 3000 4000 6000 220 V 20000 IP20 CE

Driver
TRIDONIC
ÇİP **OSRAM**



1 w = 120 LÜMEN

50 w 40 CM
70 w 60 CM
90 w 80 CM
120 w 100 CM

SMD LED 2700 3000 4000 6000 220 V 20000 IP20 CE

Driver
TRIDONIC
ÇİP **OSRAM**



1 w = 120 LÜMEN

80 w 60 x 60 CM
100 w 80 x 80 CM
125 w 100 x 100 CM
155 w 120 x 120 CM
190 w 150 x 150 CM
256 w 200 x 200 CM

SMD LED 2700 3000 4000 6000 220 V 20000 IP20 CE

Driver
TRIDONIC
ÇİP **OSRAM**



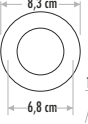
1 w = 120 LÜMEN

115 w 60 x 120 CM
155 w 80 x 160 CM
190 w 100 x 200 CM
230 w 120 x 240 CM

SMD LED 2700 3000 4000 6000 220 V 20000 IP20 CE

SLIM LED PANEL (%100 ALÜMİNYUM)

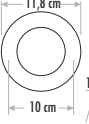
2" PANEL LED ARMATÜR



8,3 cm
6,8 cm
1,4 cm

4000 K 3000 K 6500 K
130 lm
SMD LED
15000
9,5
220 V
IP20
CE
3w
49x37x28,5
100

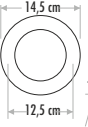
3" PANEL LED ARMATÜR



11,8 cm
10 cm
1,4 cm

4000 K 3000 K 6500 K
350 lm
SMD LED
15000
15
220 V
IP20
CE
6w
69x37x33,5
100

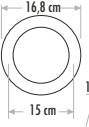
4" PANEL LED ARMATÜR



14,5 cm
12,5 cm
1,4 cm

4000 K 3000 K 6500 K
650 lm
SMD LED
15000
8,3
220 V
IP20
CE
9w
37x33x38,5
40

5" PANEL LED ARMATÜR



16,8 cm
15 cm
1,4 cm

4000 K 3000 K 6500 K
820 lm
SMD LED
15000
10
220 V
IP20
CE
12w
37x37x44
40

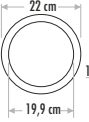
6" PANEL LED ARMATÜR



18,8 cm
17 cm
1,4 cm

4000 K 3000 K 6500 K
990 lm
SMD LED
15000
6,3
220 V
IP20
CE
15w
41x37x25
20

8" PANEL LED ARMATÜR



22 cm
19,9 cm
1,4 cm

4000 K 3000 K 6500 K
1300 lm
SMD LED
15000
7,8
220 V
IP20
CE
18w
47x37x28,5
20

**ULTRA SLIM SENSÖRLÜ TAVAN
(GECE GÜNDÜZ AYARLI)**

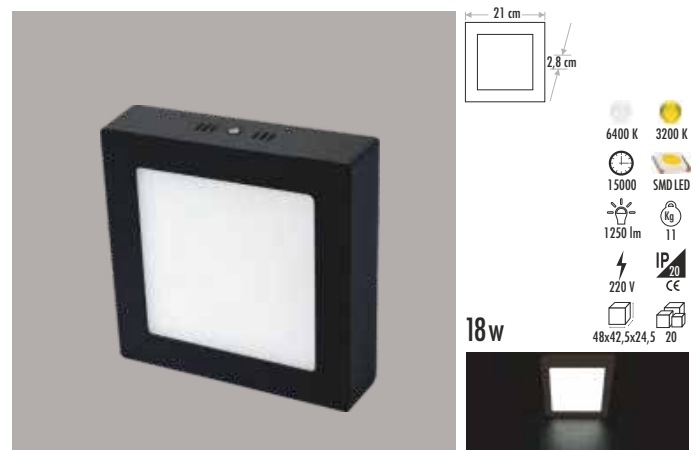
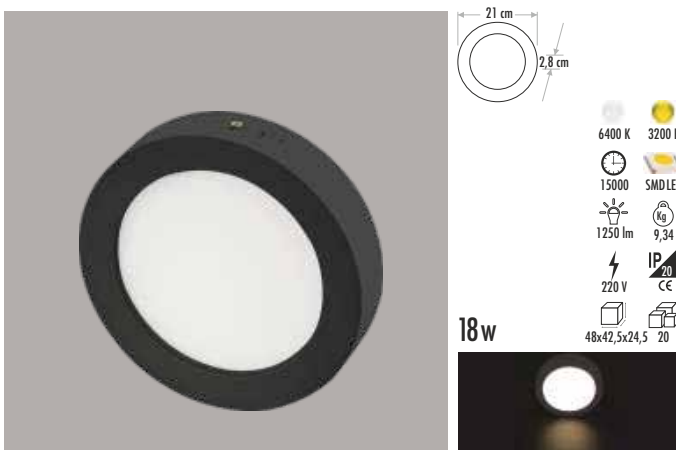
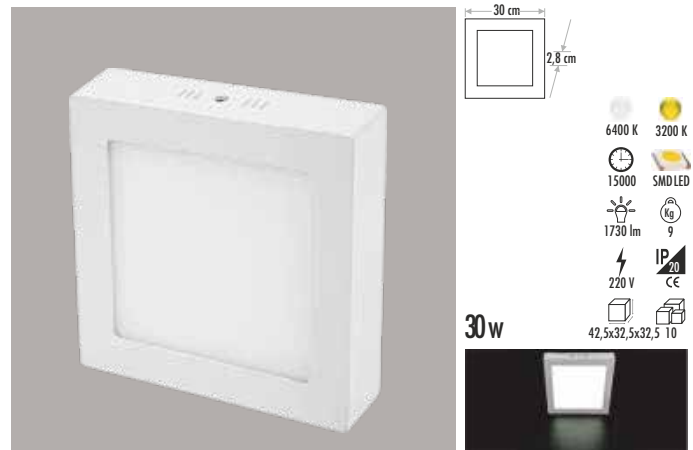
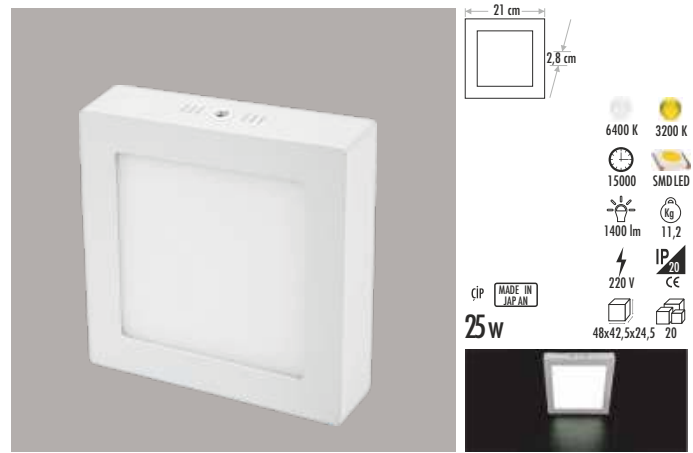
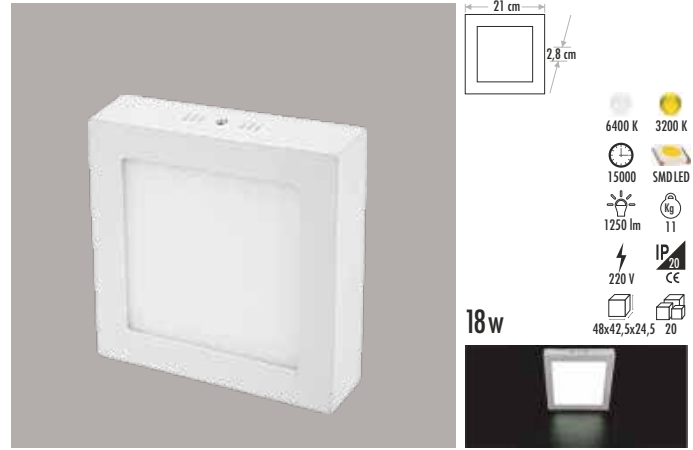
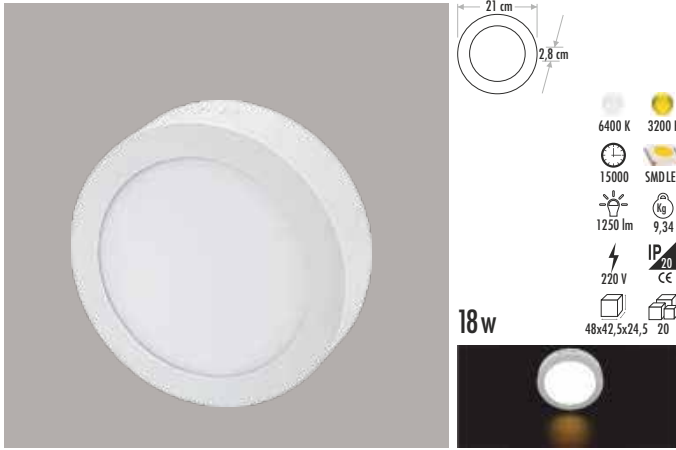


22 cm
1,8 cm

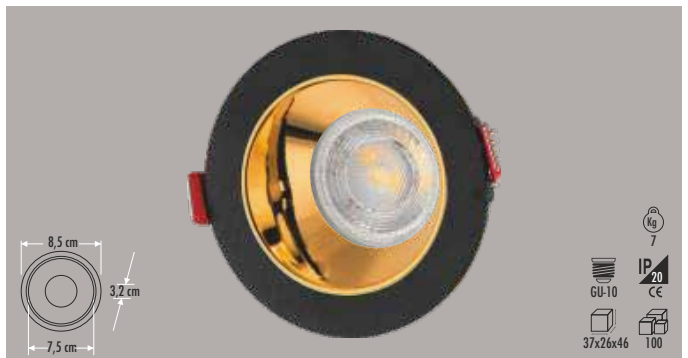
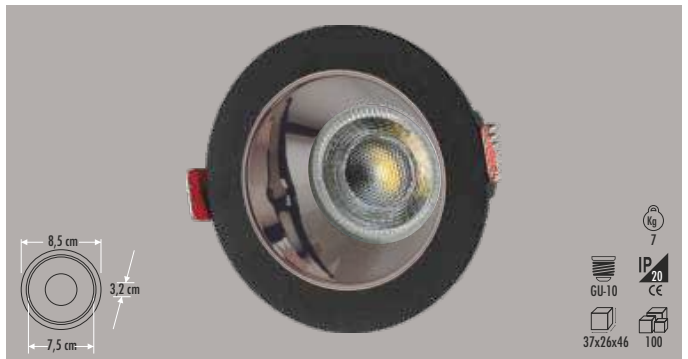
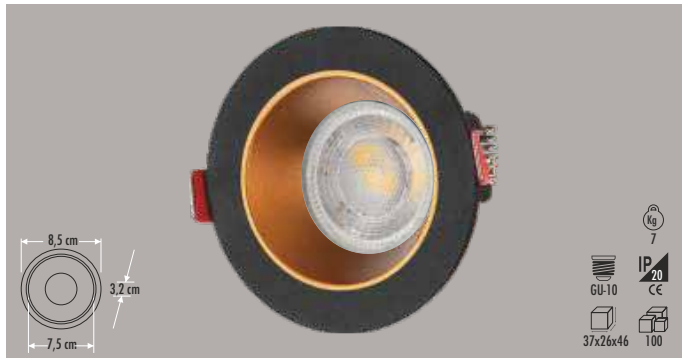
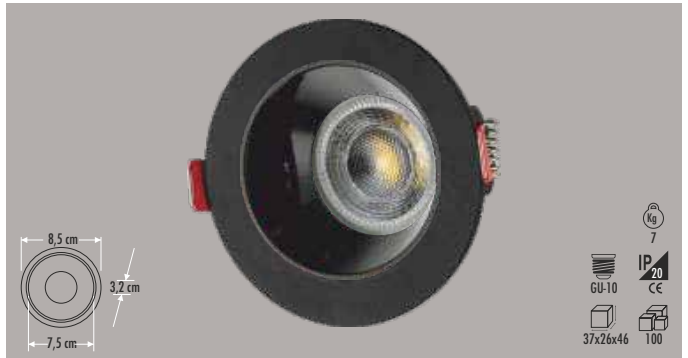
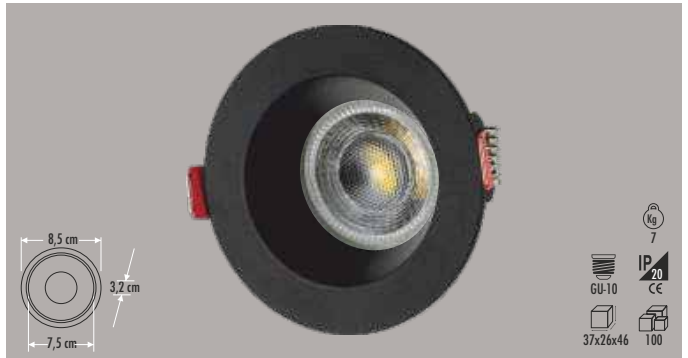
6400 K 3200 K
1500 lm
SMD LED
15000
20,5
220 V
IP20
CE
20w
48x30x29
20



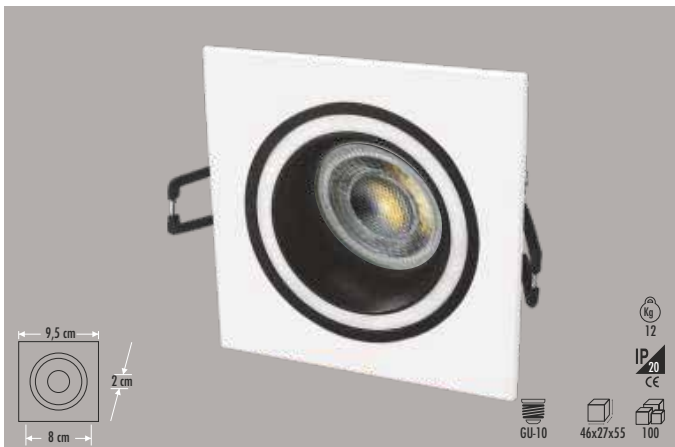
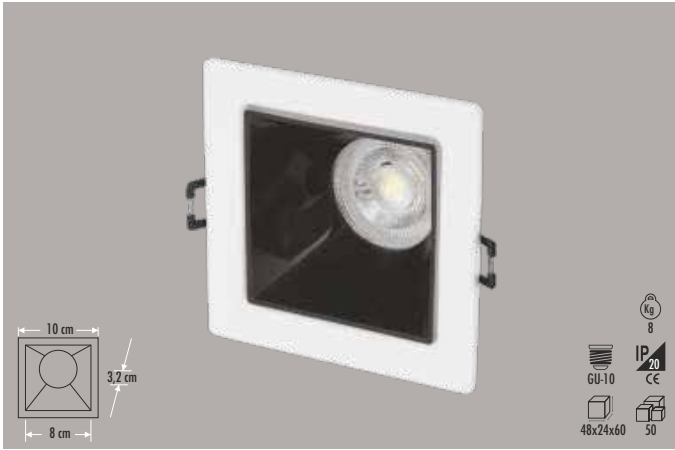
SIVA ÜSTÜ LED PANEL (%100 ALÜMİNYUM)



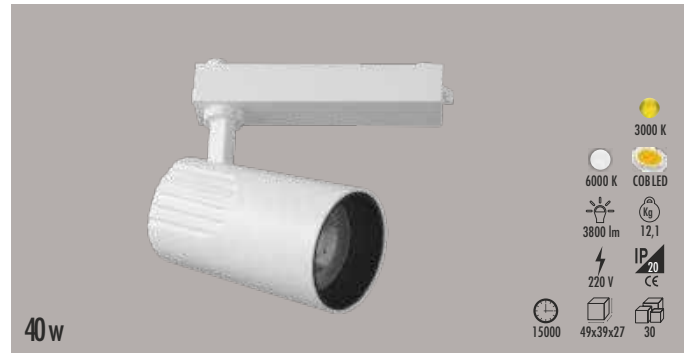
MODERN DEKORATİF SPOTBOŞ KASA



MODERN DEKORATİF SPOTBOŞ KASA



LEDLİ RAY ARMATÜR



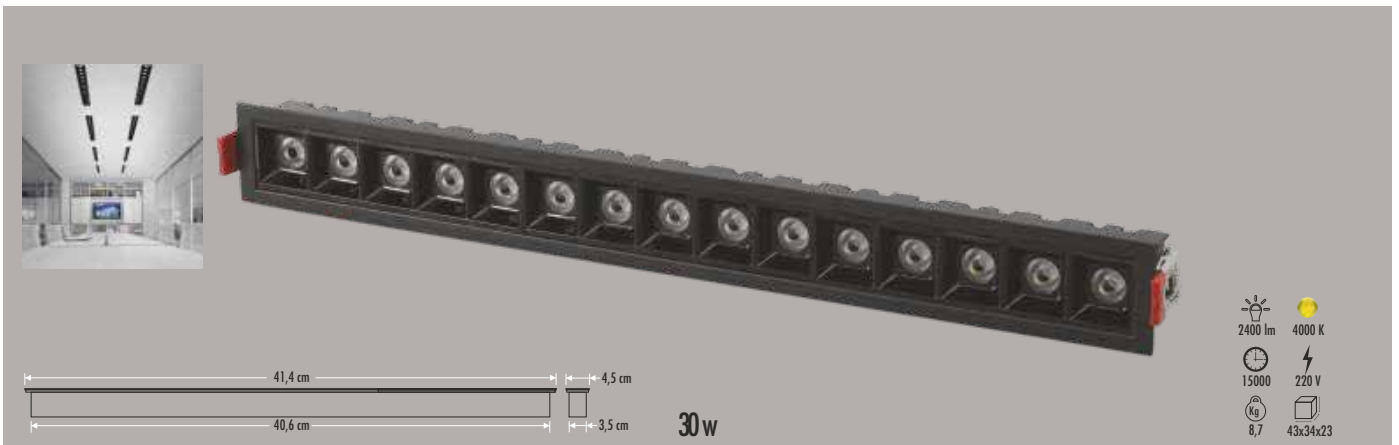
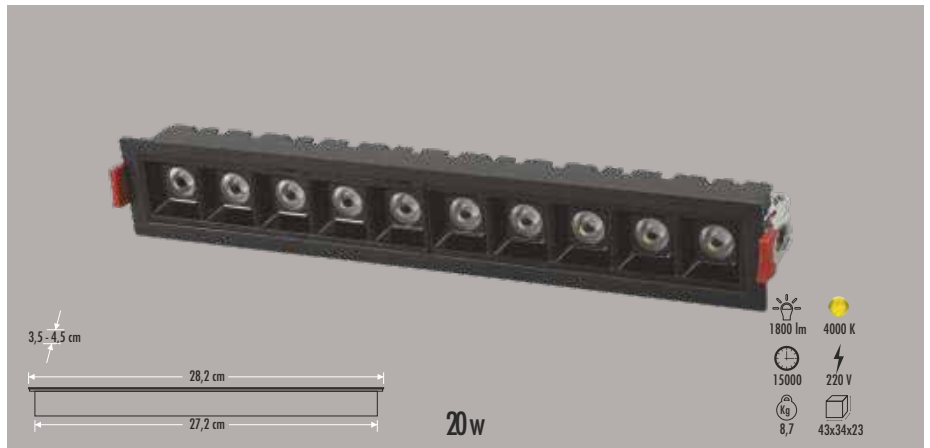
DEKORATİF RAY ARMATÜR (GU-10)



LEDLİ RAY ARMATÜR



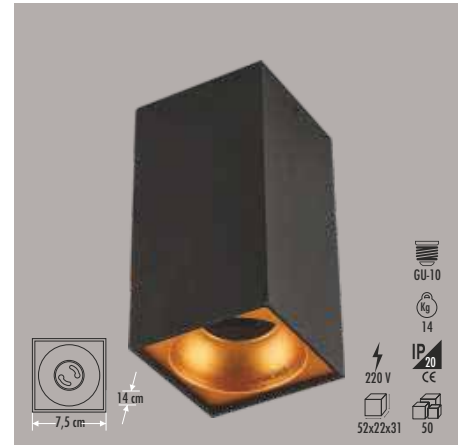
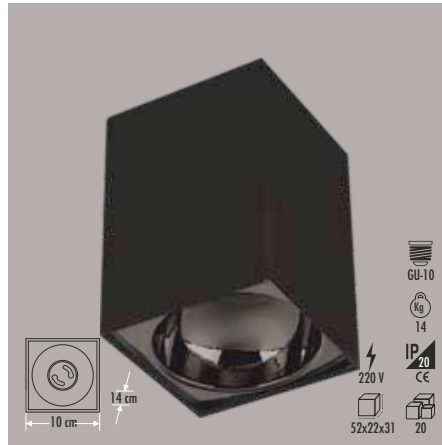
DEKORATİF LEDLİ RAY VE SIVA ALTI ARMATÜR



SIVA ÜSTÜ DEKORATİF ARMATÜR VE APLİK (GU-10)



SIVA ÜSTÜ DEKORATİF ARMATÜR (GU-10)



REFERANSLAR



Ankara Büyükşehir Belediyesi



Karabağlar Belediyesi



Mamak Belediyesi



Bornova Belediyesi



İstanbul Büyükşehir Belediyesi



Söke Belediyesi



Kayseri Büyükşehir Belediyesi



Kemalpaşa Belediyesi



Afyonkarahisar Belediyesi



İzmir Büyükşehir Belediyesi



Ayvalık Belediyesi



Kayseri Melikgazi Belediyesi



Karşıyaka Belediyesi



KDZ. Ereğli Belediyesi



Antalya Büyükşehir Belediyesi



Yenimahalle Belediyesi



Menemen Belediyesi



Pamukova Belediyesi



Yalova Belediyesi



Balıkesir Belediyesi



Isparta Belediyesi



Gaziantep Büyükşehir Belediyesi



Trabzon Belediyesi



Tire Belediyesi



Edremit Belediyesi



Zonguldak Belediyesi



Buca Belediyesi



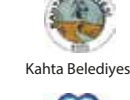
Çine Belediyesi



Lefke Belediyesi



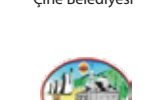
Burhaniye Belediyesi



Kahta Belediyesi



Kırıkkale Belediyesi



Elbistan Belediyesi



Sincan Belediyesi



Çeşme Belediyesi



Bursa Nilüfer Belediyesi



Konak Belediyesi



Gazimur Belediyesi



Fatsa Belediyesi



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