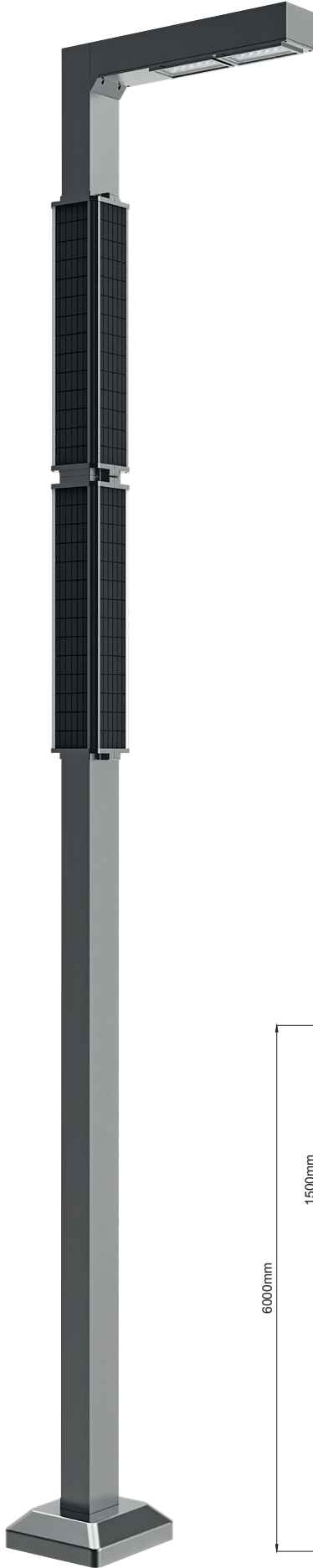


Sonic Solar



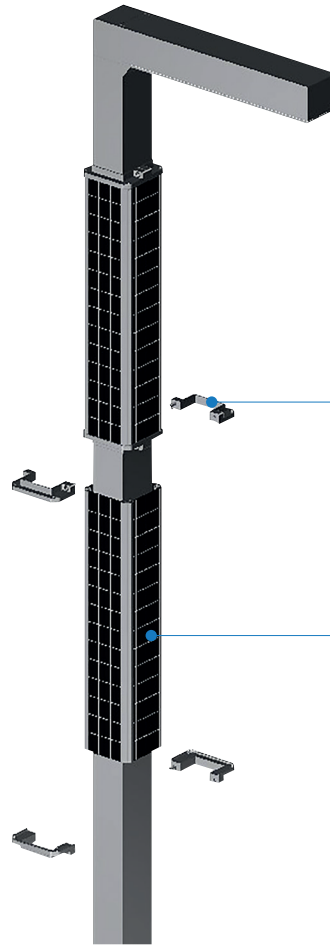
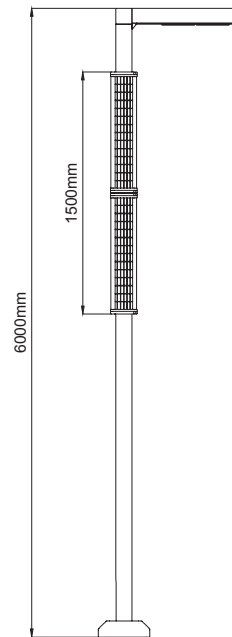
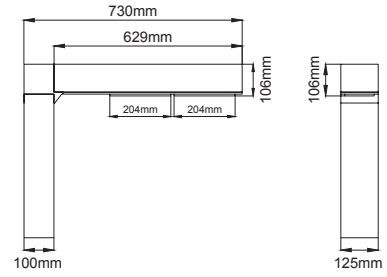
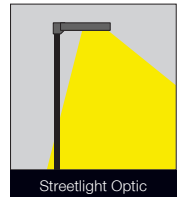
PBS SASO CB LVD ENEC CE IP66 IK08

LED A A+ A++

CRN 70 CRN 80

0° 0°

White = 01 Light Grey = 04 Textured Metallic Dark Grey = 05 Black = 03



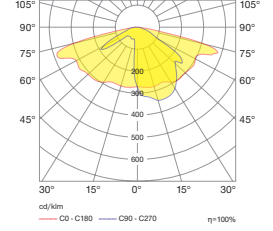
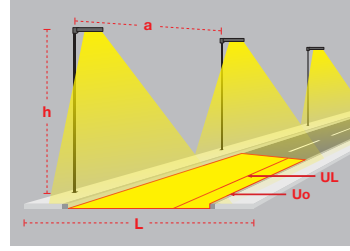
Solar Panel installation accessory.
Direk üstünde Solar Panel montaj aksesuarı.

Flat rectangle form Solar Panel convenient to be mounted on pole.
Direğe montaja uygun düz dikdörtgen form solar panel.

Sonic Solar

Sonic Solar / O07.ST.27410

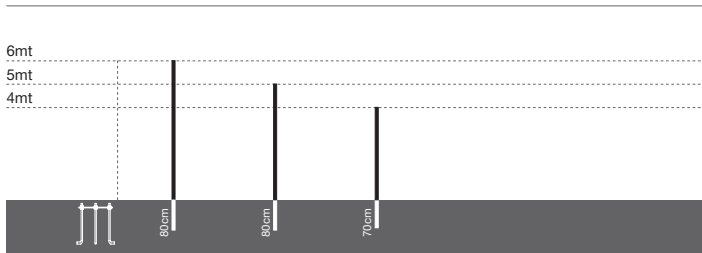
| | | |
|---|-------|--------|
| System Power / Sistem Gücü | | 40W |
| Lumen Output from Fixture / Armatür Çıkış Lümeni CRI>80 | 4000K | 6341lm |
| Max. Pole Distance / Max. Direk Açıklığı (a) | | 41m |
| Max. Pole Height / Max. Direk Yüksekliği (h) | | 6m |
| Max. Road Width / Max. Yol Genişliği (L) | | 7m |
| Lighting Class / Aydınlatma Sınıfı | | P2 |



| Product Data / Armatür Data | |
|---|--|
| Item No / Ürün Kod | O07.ST.27410.40.840.05 |
| Family Name / Aile Adı | Sonic Solar |
| Material / Malzeme | Die-Cast Aluminium / Alüminyum Enjeksiyon |
| Lifetime LED / LED Ömrü | L70 / B50 50000 h |
| Optic / Optik | Asymmetric Streetlight LENS / Asimetrik Sokak Aydınlatma Lensi |
| PV Panel Power / PV Panel Gücü | 160W |
| Panel Type / Panel Tipi | MonoCrystal |
| Solar Panel Voltage / Solar Panel Voltajı | 18V |
| PV Panel Efficiency / PV Panel Verimi | 21% |
| Luminaire Power / Armatür Gücü | 40W |
| Led Panel Voltage / Led Panel Voltajı | 33V |
| Number of LEDs / Led Sayısı | 24 Pcs / 24 Adet |
| PCB / Devre | 12S2P |
| LED Type / Led Tipi | 3535 |
| Lumen / Lümen | 6341lm |
| Luminaire Efficiency / Armatür Verim | 158lm/W |
| CRI | 70 |
| Battery Power / Batarya Gücü | 460W |
| Battery Voltage / Batarya Voltajı | 12,8V |
| Battery Current / Batarya Akımı | 36A |
| Battery Type / Batarya Tipi | LiFePO4 |
| Battery Lifetime / Batarya Ömrü | 3000 |
| Controller / Kontrolcü Tipi | MPPT |
| Operating Hours without Sunshine / Bulutlu Gün Çalışma Süresi | 45 hours / 45 saat |
| Ambient Working Temperature / Çalışma Sıcaklığı | -20°C / +50°C |
| Protection Rating / Koruma | IP66 |

Advised Pole Heights for Sonic Solar with advised anchorage lengths /

Sonic Solar için tavsiye edilen direk ve ankraj yükseklikleri



Lithium-ion Lithium-ion based battery packs have the added advantage that they have a higher power density than lead, which means they have more available power for the same mass of a lead battery. This advantage, combined with the longer life expectancy and higher rate of depth of discharge (DOD), offering an attractive option for solar lighting applications, resulting in a longer lifetime. All Lithium-ion energy storage packs have an integrated Battery Management System (BMS) which monitors the health, charging and discharging of the energy storage pack. This safeguards the cells so that they are not over charged or discharged, maximising their lifetime. Battery pack operating temperature: -20°C to +60°C. We can offer to our customers both option either to place the battery inside ground or inside pole.

Lityum-ion batarya teknolojisi ile daha küçük boyutta piller ile daha yüksek enerji elde edilebiliyor. Bu teknoloji solar aydınlatma armatürlerinde daha uzun ömür ve lümen çıkışı sağlamakta. Tüm Lityum-ion enerji depolama ünitelerinde Batarya Kontrol Sistemi (BMS) sistemi bulunmakta olup, bataryaların ömrünü ve çalışma verimini gözlemlene imkanı sunmakta olup fazla veya az şarj olma veya enerjinin boşalması gibi sorunların önüne geçilmektedir. Batarya -20° ile +60° sıcaklıklarında çalışabilmektedir. Müşterilerimize bataryayı ister toprak altına, ister direk içine saklama imkanı sunabiliyoruz.