

## TECHNICAL INFORMATIONS

# HELIOS SOLAR HYBRID

## HYBRID 100W 4000K

Luminária solar para exterior.

Solar lamp, ideal for outdoor.

Lâmpara solar, ideal para exteriores.

Na Falta de bateria faz comutação para 220V.

Quando la bateria esta descarregada, entra a drive a funcionar com corrente 220V.



### ILAR-001203

#### REFERENCE

|                  |  |
|------------------|--|
| Chip Brand       | LUXEON 5050  |
| Driver Brand     | Mean Well Driver   |
| Body Material    | Aluminium  |
| Housing Colour   | Black  |
| Surface/Recessed | Surface  |
| Solar Panel      | 100W /18V Monocrystalline silicon<br>(Life span of 25 years, 80% efficiency) |
| Nominal Lifetime | >50000H  |

#### DIMENSION & WEIGHT

|                     |        |
|---------------------|--------|
| Lenght              | 1341mm |
| Width               | 373mm  |
| Height              | 175mm  |
| Packaging Unit      | 1      |
| Net Weight          | 18kg   |
| Gross Weight        | 20kg   |
| Pole diameter       | 60mm   |
| Installation height | 6~8M   |

#### PHOTOMETRICAL DATA

|                        |   |
|------------------------|---|
| Total Luminous Flux    | 16000lm   |
| Luminous Efficacy      | 160lm/W   |
| Beam Angle             | 150x60°   |
| Colour Temperature     | 4000K   |
| Colour Rendering Index | >70   |
| Control Mode           | Time control +<br>Light sensor control +<br>Motion sensor control |

#### ELECTRICAL AND OPERATING DATA

|                       |   |
|-----------------------|---|
| Voltage               | Driver 110-240AC  |
| Nominal Wattage       | 100W  |
| Operating time        | Full power >12 hours,<br>Intelligent mode 3-4 days<br>(Affected by local use<br>environment and sunlight) |
| Operating Temperature | -20°C ~ 55°C  |
| Storage Temperature   | -40°C ~ 85°C  |
| Battery               | 18650 lithium battery 12V 70 Ah   |

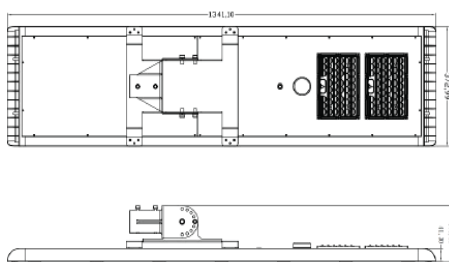
#### ENERGY LABEL & STANDARS

|  |      |
|--|------|
| Energy Label                           | A++  |
| Energy Consumption KWH/1000H           | -    |
| Type of Protection                     | IP65 |
| Protection Class                       | -    |
| Proteccion Class IK (shock resistance) | IK06 |

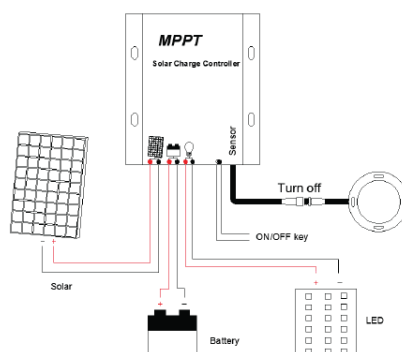
#### CERTIFICATIONS

|                            |         |
|----------------------------|---------|
| 2014/30/EU (EMC Directive) | -       |
| CE                         | YES     |
| ROHS                       | YES     |
| ENEC                       | -       |
| Warranty                   | 3 YEARS |

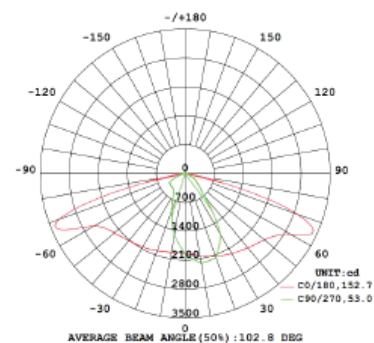
#### SIZE



#### LAMP INTERNAL WIRING DIAGRAM



#### BEAM ANGLE



Designed by Aronlight in Portugal. Made in PRC

