

LUNA Solar LED-streetLight

Streets - Residential- and District Lighting

TECHNICAL DESCRIPTION

- High efficiency LED solar light with motion sensor technology
- LED module: BRAUN® Cluster 3000K | 4000K | 5000K
- Solar Panel: 100 watts
- Solar Cells: High Efficiency Monocrystalline Silicon
- Battery (rechargeable): LTO (Lithium Titanium Oxide)
- LED Power: 40 watts
- Lifetime L80: 50.000 h
- Switching cycles: 100.000
- High performance PMMA lens system (UV stabilized)
- Protection class luminaire: IP66
- Housing: Die-cast aluminum
- Surface: Self-clean, powder-coated
- Color: gray
- Optical cover: IK10
- Mounting type of the luminaire: vertical
- Tilt angle adjustable: +15°/-15° (integr. mounting aid)
- Standard spigot: Ø60mm
- Dimming options*
- Warranty: 3 years



LUNA Solar	
Solar Panel	100W
Solar Module	High Efficiency Monocrystalline Silicon
LTO-Battery	10Ah/144Wh
Luminous Efficacy	170lm/W
Lamp Power	40W
LED Brand	LUMILEDS/Samsung/Nichia CRI>80
IP	66
Lens	Type II-S Type II-M Type III-M Type IV-M Type V Type V-A
Stand-by period*	0~500s
Stand-by DIM level*	0~100%
Detection area	8~12m
Lighting time	7 rainy days (fully charged)
Weight	17.5kg
Pole top diameter	50~62mm
Mounting height	7~10m
Installation space	10~20m

*Per customer request

BRAUN Lighting Solutions e. K. is a participant in the export initiative "Energie Effizienz – made in Germany", initiated by the Federal Ministry for the Economy and Technology. Due to the complexity of the many possible combinations of drivers and LED modules, the values shown for technical LED parameters, including performance parameters, are typical. Actual values of specific products in specific configurations may vary from these typical values. The information and diagrams contained in this document do not constitute an offer or contractual obligation. Product parameters may change as a result of technical innovation and will be undertaken without prior notice. Our manufacturing conforms to DIN-, EN-, and VDE-, CE regulations.

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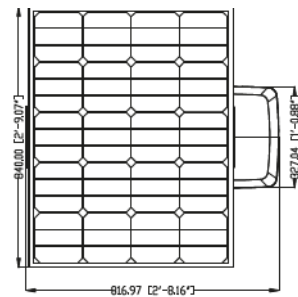
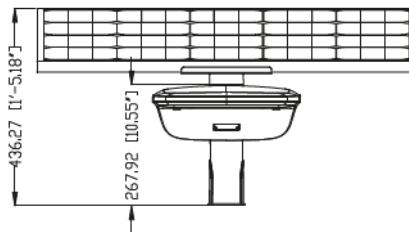
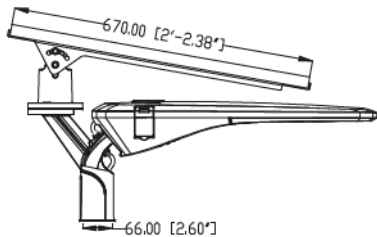
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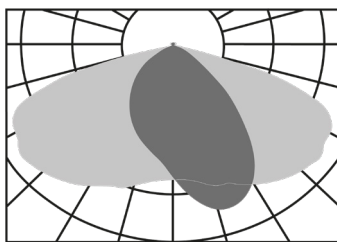
100Wp



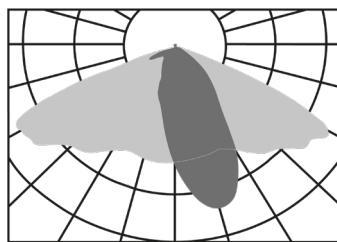
40W



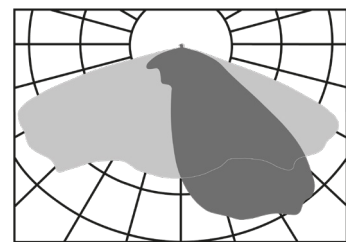
LIGHT DISTRIBUTION CURVES



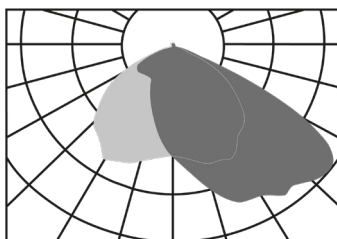
Type II-S



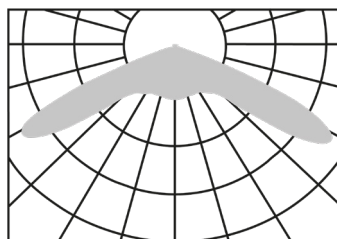
Type II-M



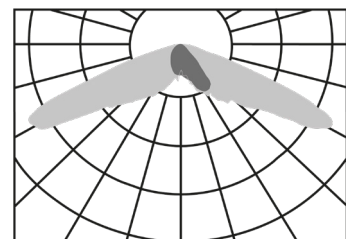
Type III-M



Type IV-M



Type V



Type V-A

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