

**LIGHTSOFT 20 (LH-10823)**



**Product description**

186x186 mm - 1000 mm - 10.5 hours of operation time (2 Step dimming with motion sensor override) - 2 days of autonomy



microPrim™



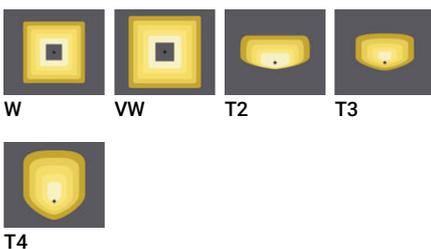
**Luminaire Structure**

- Die-cast aluminium housing
- Extruded aluminium column
- Pre-treated before powder coating ensuring high corrosion resistance
- Stainless steel fasteners in grade 304 with zinc flake coating (ZFC)
- Durable silicone rubber gasket
- Clear UV-stabilised polycarbonate diffuser
- Anodised, high-purity aluminium reflector
- Integral control gear

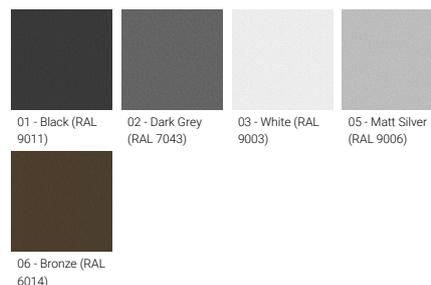
- Solar panel mono-crystalline silicon high-efficiency 4x10W
- Lithium Iron Phosphate (LiFePO4 ) battery 18Ah 12 VDC
- Solar charger controller system 12V 10A
- Luminaires operation time depends on the weather conditions
- Full automatic electronic protection function against short circuit, overcurrent, overload, overvoltage and high temperature
- Standard: Off-grid, 100% solar, not connected to the utility grid. Utility grid connection is available upon request
- Without any sun (Autonomy), the battery would last for a maximum 5 days
- \* Motion sensor integrated

- Different dimming options are available
- STD: 2 Step dimming with motion sensor override (3 hours: 60% without movement, 100% for 1 minute when the motion sensor activated. After 3 hours: 30% without movement, 60% for 1 minute when the motion sensor activated)
- ND: Dusk to Dawn, CT: Custom examples are 5 Step dimming, Custom hours, Custom dimming levels (Step length and minimum dim level is 10%)
- Maximum 27 hours of operation time (Dimming with motion sensor override)
- Remote solar charge controller can be ordered as an accessory
- Autonomy and Operation time calculations are done with the following information: Peak Sun-Hour (PSH) is 3 hours. Hours of operation are 12 hours per day. Detection of movement is 10 times per hour.
- Autonomy and Operation time calculations are only indicative and will depend on several variable factors. Please contact the factory to determine the specific calculations for your project.

**Optic**



**Product colour**



**Special finishes upon request**



**LIGHTSOFT 20 (LH-10823)**

**Technical information**

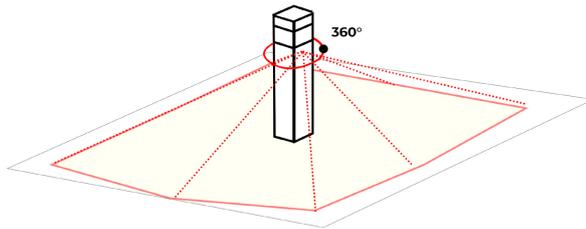
<b>Material</b>	Aluminium
<b>Light source</b>	18 LED
<b>Power</b>	6 W
<b>Lumen</b>	442 - 581 lm
<b>Efficacy</b>	74 - 97 lm/W
<b>Driver option</b>	Integral control gear
<b>Driver</b>	Constant current (CC)
<b>Input voltage</b>	Solar

<b>Optic</b>	W, VW, T2, T3, T4
<b>Optic value</b>	108°, 120°, 136°x22°, 140°x44°, 148°x78°
<b>CCT / CRI</b>	2700K CRI80, 3000K CRI80, 4000K CRI80
<b>Bug</b>	B0-U3-G1
<b>ULR</b>	14%, 17%, 19%, 23%
<b>ULOR</b>	14%, 17%, 19%, 23%
<b>CIE flux code n°3</b>	78, 79, 83
<b>Dimming type</b>	Dusk to Dawn, 2 Step dimming with motion sensor override, Solar Custom

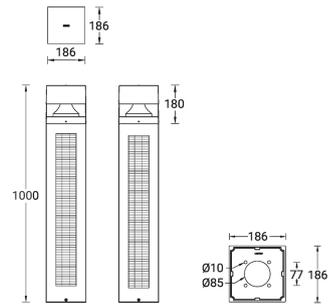
<b>Product colours</b>	Black, Dark Grey, White, Matt Silver, Bronze, Concrete - Urban, Softscape - Urban, Stone - Urban, Corten - Urban, Oak - Woodland, Walnut - Woodland, Pine - Woodland
<b>Weight</b>	19.0 kg
<b>Operating temperature</b>	-20 °C to 40 °C
<b>Lens / Reflector / Optic</b>	Clear UV-stabilised polycarbonate diffuser, Anodised, high-purity aluminium reflector
<b>MacAdam Ellipse</b>	3 SDCM
<b>Lifetime L90B10 (hours)</b>	> 120,000
<b>Lifetime L80B10 (hours)</b>	> 120,000
<b>Lifetime L80B50 (hours)</b>	> 120,000

**LIGHTSOFT**

Adjustable sensor (10 - 150 seconds)  
360° sensitivity  
Sensor detection area: 7 - 10 m



**LH-10823**



**LIGHTSOFT 20 (LH-10823)****Accessory**

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Anchor bolt  
**A10391**



Remote solar charge controller  
for Solar Integrated Bollards and  
Vertical Solar PV poles  
**A92691**



Auto dimming feature  
**auto-dim**