

BILLUND 1 (BIU-90041-SO-20)



Product description

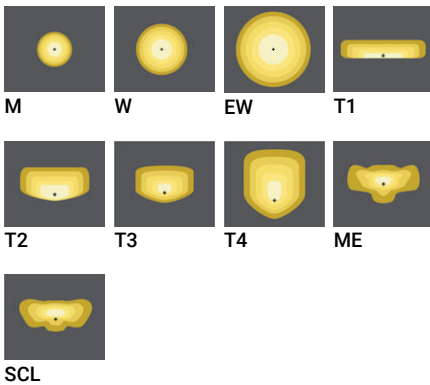
Made to order for 20 W Vertical solar PV pole



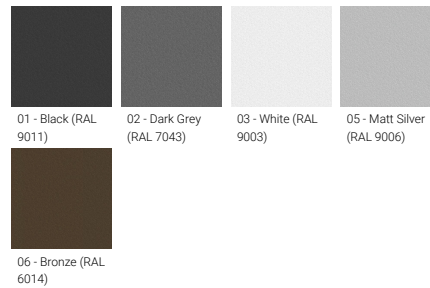
Luminaire Structure

- Clear toughened glass
- High-efficiency polycarbonate lens
- Integral control gear

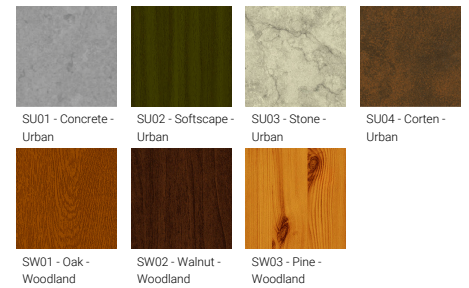
Optic



Product colour



Special finishes upon request



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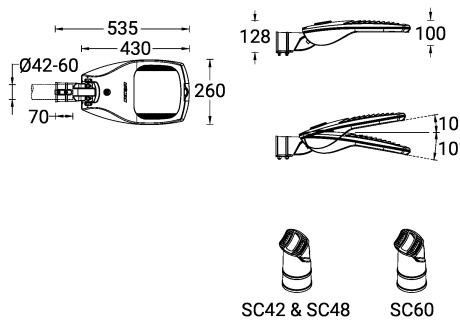
Technical information

Material	Aluminium
Light source	12 LED
Power	20 W
Lumen	1877 - 2403 lm
Efficacy	94 - 120 lm/W
Driver option	Integral control gear
Driver	Constant current (CC)
Input voltage	Solar 36 VDC

Optic	M, W, EW, T1, T2, T3, T4, ME, SCL
Optic value	31°, 56°, 106°x113°, 149°x72°, 137°x51°, 126°x89°, 103°x74°, 138°x56°, 151°x65°
CCT / CRI	2700K CRI80, 3000K CRI80, 4000K CRI80
Bug	B0-U0-G0, B1-U0-G0, B1-U0-G1, B2-U0-G0
ULR	<1%
ULOR	<1%
CIE flux code n°3	95, 96, 97, 98, 99
Dimming type	Dusk to Dawn, 2 Step dimming with motion sensor override, Solar Custom

Product colours	Black, Dark Grey, White, Matt Silver, Bronze, Concrete - Urban, Softscape - Urban, Stone - Urban, Corten - Urban, Oak - Woodland, Walnut - Woodland, Pine - Woodland
Weight	6.1 kg
Operating temperature	-20 °C to 40 °C
Lens / Reflector / Optic	Clear toughened glass, High-efficiency polycarbonate lens
MacAdam Ellipse	3 SDCM
Lifetime L90B10 (hours)	> 90,000
Lifetime L80B10 (hours)	> 90,000
Lifetime L80B50 (hours)	> 90,000

BIU-90041-SO-20



BILLUND 1 (BIU-90041-SO-20)**Accessory**



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



Vertical solar PV pole 3
SOL-20021



Vertical solar PV pole 4
SOL-20031



Vertical solar PV pole 5
SOL-20041



Vertical solar PV pole 7
SOL-20061



IoT Module
A95591



Auto dimming feature
auto-dim