

POWERMISSION 2 (PO29-GP041-SO-20) (Version 1)



Product description

Made to order for 20 W Vertical solar PV pole



Luminaire Structure

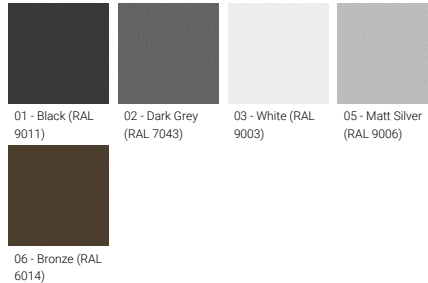
- Clear toughened glass
- High-efficiency polycarbonate lens
- Integral control gear

Optic



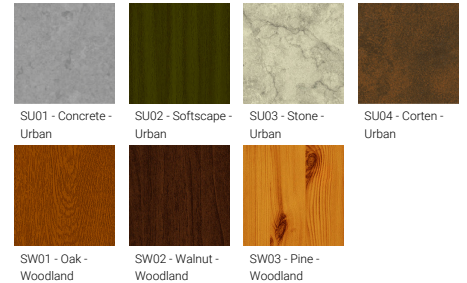
T2 T3 T4

Product colour



01 - Black (RAL 9011) 02 - Dark Grey (RAL 7043) 03 - White (RAL 9003) 05 - Matt Silver (RAL 9006)
06 - Bronze (RAL 6014)

Special finishes upon request



SU01 - Concrete - Urban SU02 - Softscape - Urban SU03 - Stone - Urban SU04 - Corten - Urban
SW01 - Oak - Woodland SW02 - Walnut - Woodland SW03 - Pine - Woodland

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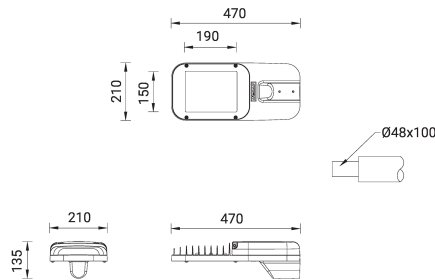
Technical information

Material	Aluminium
Light source	12 LED
Power	20 W
Lumen	2295 - 2571 lm
Efficacy	115 - 129 lm/W
Driver option	Integral control gear
Driver	Constant current (CC)
Input voltage	Solar 36 VDC

Optic	T2, T3, T4
Optic value	143°x56°, 142°x70°, 100°x76°
CCT / CRI	3000K CRI80, 4000K CRI80
Bug	B1-U0-G0, B1-U0-G1
ULR	<1%
ULOR	<1%
CIE flux code n°3	97
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	4.8 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

PO29-GP041



POWERMISSION 2 (P029-GP041-SO-20) (Version 1)**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
