

CLIO SOLAR MODERN



CONSTRUCTION

- All-in-one design with solar panel, light engine and battery
- Modern form design, ideal for architectural outdoor application
- Die cast aluminum housing, clear glass diffuser

PHOTOMETRICAL INFO

- 4000K/5000K
- CRI>80

SOLAR & BATTERY

- 18V/30W mono-crystalline cell solar panel, with MPPT charge controller
- 12.7V/16AH LiFePO4 Battery, with overcharge and over-discharge protection
2000 charge cycles (2000/365 days=5.47 years)
- Battery charge time: 16-20 hrs
- Max operation time: 36 hrs*

*Depend on sunlight quality

OPTICS

- Type V distribution

CONTROL MODE

- With pre-installed motion sensor
- Support dusk-to-dawn lighting, step dimming with motion sensor override, and time control

MOUNTING

- Fit on 3" round pole, extra tenon reducer (sold separately) is available for 2-3/8" tenon mount
- Suggest mounting height: 10 ft to 20 ft

APPLICATIONS

- Parks, city streets, school campuses, pedestrian walkway

OPERATION TEMPERATURE

- -10°C (14°F) to 50°C (122°F)

LIFESPAN & WARRANTY

- 5 year warranty, 100,000+ hrs lifetime based on LM-80 results and TM-21 calculations

LISTINGS

- IP65 rated
- IK08 Impact rated

PRODUCT SPECIFICATIONS

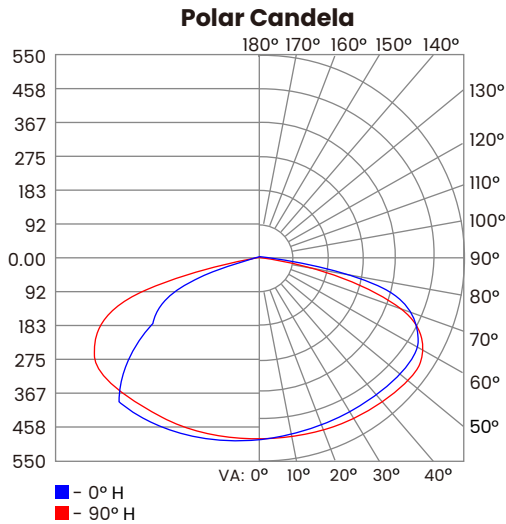
Part Number	Watts (W)	CRI	CCT(K)	Efficacy (LM/W)	Lumens (LM)	Solar Panel Voltage(V)	Solar Panel Power(W)	Battery Voltage(V)	Battery Capacity(AH)	Charge Time(Hrs)	Max Operation Time(Hrs)
PTSL-15-XX-T5-M	15	80	4000	161	2,409	18	30	12.8	16	16-20*	36*
			5000	185	2,770						

*Charge time and operation time is depending on sunlight quality.

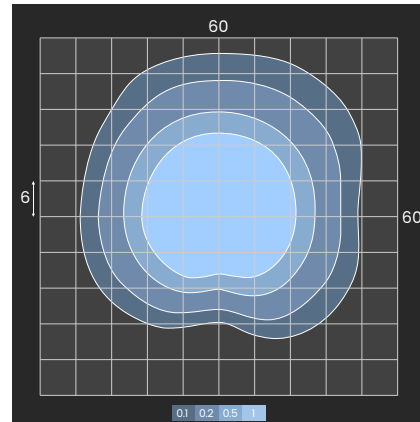
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LIGHT DISTRIBUTION PATTERN

PTSL-15-XX-T5-M Photometrics



PTSL-15-XX-T5-M



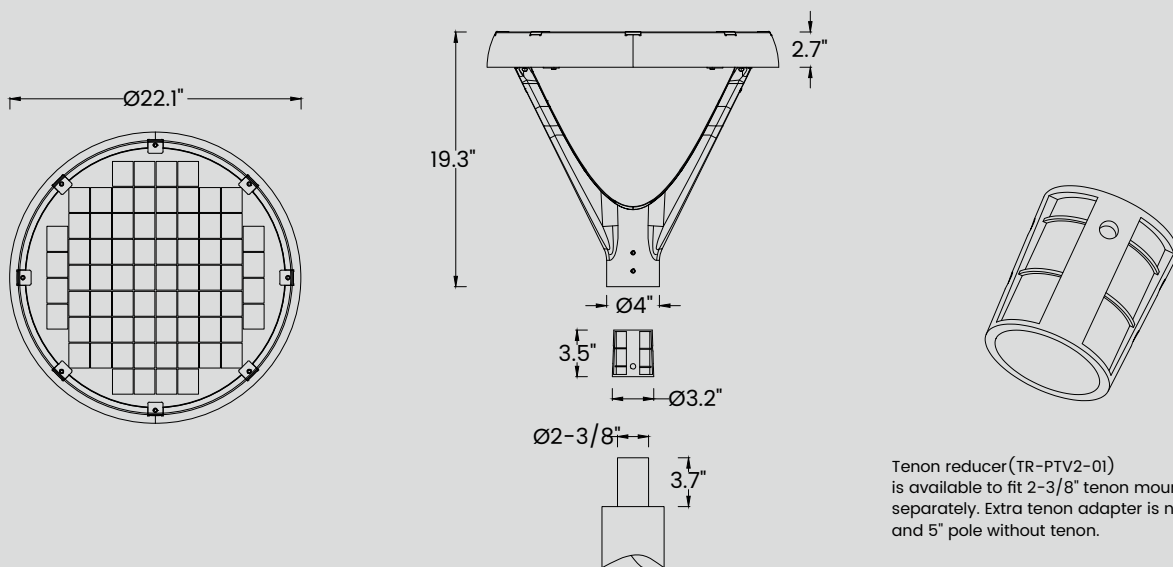
Manufacturer
Lamp Lumens
Lamp Quantity
Light Loss Factor
Input Power
Max Illuminance

ATG Electronics Configuration
2408 Orientation
1 Mounting Height
1 Arm Length
Tilt
14 Area > 0.5fc

Single
Single
6
1
0
810

These lighting calculation results are for general informational purposes only and are provided without warranty as to accuracy, completeness, reliability or otherwise. Results are based on user provided data and data provided from publicly available sources; actual field conditions may affect calculated output. Visit www.Visual-3D.com.

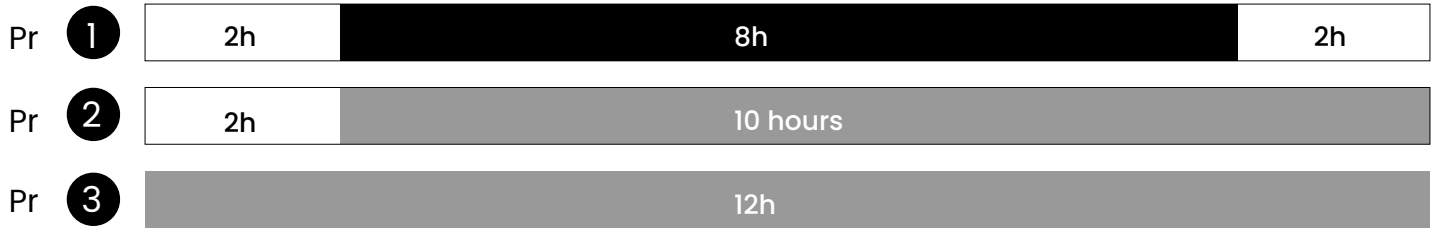
PHYSICAL SPECIFICATIONS



Part Number	Dimension	Gross Weight	Net Weight	BUG	EPA
PTSL-15-XX-T5-M	Ø22"*19.3"	30.4 lbs	17.2 lbs	B1-U1-G1	0.81ft ²

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CONTROL MODE

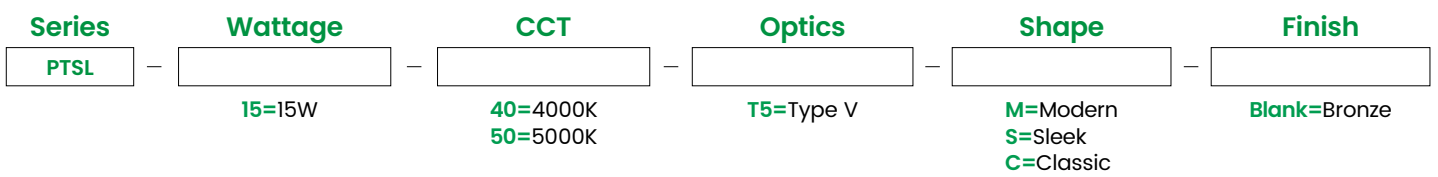


100% Full Brightness 30% Dim

30% dim without movement, 100% for 20 seconds when the motion sensor activated

Control mode can be switched with remote

ORDER FORMAT



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NATIONAL SOLAR RADIATION CHART

