

MODEL:		TYPE
PROJECT:		
PREPARED BY:	DATE:	



TCOSL SERIES

The solar powered LED street light is a great choice for street lighting



FEATURES AND SPECIFICATIONS

INTENDED USE:

The solar powered LED street light is an ideal choice for parking lots, plazas, campuses, and roadways.

CONSTRUCTION:

Durable die cast aluminum housing.

OPTICS:

Precision engineered polycarbonate optical lens is engineered for superior light area distribution. The TCOSL series has a beam spread of 100x60°

ELECTRICAL:

Long-life LEDs PCB mounted, coupled with high-efficiency drivers, provide extended service life. The TCOSL delivers up to 160 lumens per watt. Driver disconnect is provided where required to comply with U.S. and Canadian codes. Thermally protected driver standard. Battery has a charge time of 7.5 hours, a full power run time of 8.5 hours, and a max run time of 28 hours.

Dimming:

Fixture is dimmable to 10% standard using a remote control.

INSTALLATION:

Fixture is designed to be pole mounted using provided slipfitter..

LISTINGS:

Wet location listed. For use in ambient operating temperatures ranging from -4°F to 140°F.

WARRANTY:

5-year limited warranty. Complete warranty terms located at:

www.tamliteusa.com/CustomerResources/Terms and conditions.asp

NOTE: Actual performance may differ as a result of end-user environment and application. All values are design or typical values, measured under laboratory conditions at 25 °C. Specifications subject to change without notice. Fixture has three working modes (M1, M2, and M3) select as needed. 1. M1, green indicator, 5H 100% brightness, then 5H 30% brightness +PIR(100% brightness maintained for 30

seconds), then 70% brightness to dawn;

2. M2, orange indicator, the brightness is constant at 70% to dawn.

3. M3, red indicator, 30% brightness + PIR (100% brightness maintained for 30 seconds) to dawn; Short press the button to switch the working mode from M1, M2, or M3, and the corresponding indicator light will turn on.

LINE DRAWING





660 NW PEACOCK BLVD.

PORT ST. LUCIE, FL 34986

TEL: 772.879.0178



ORDERING INFORMATION

TCOSL	50	20	SF
SERIES	COLOR TEMP	WATTAGE	MOUNTING
TCOSL	[50] : 5000K	[20] : 20 WATTS	[SF] : SLIPFITTER

PERFORMANCE SPECIFICATIONS

SERIES	LUMENS @ 5000K	LPW @ 5000K
TCOSL5020	3200	160

PHOTOMETRIC REPORTS

POLAR GRAPH





Maximum Candela = 1914.95 Located At Horizontal Angle = 345, Vertical Angle = 32 # 1 - Vertical Plane Through Horizontal Angles (345 - 165) (Through Max. Cd.) # 2 - Horizontal Cone Through Vertical Angle (32) (Through Max. Cd.)

MLITE

LUMINAIRE CLASSIFICATION GRAPH



ISOCANDELA PLOT

