

# Elements

by TCP



## LED Canopy Light

Limitless Options  
for the following applications:

TCP's LED Canopy Lights are designed for outdoor lighting applications requiring bright, white light, energy savings and robust performance. The long 50,000 hour rated life significantly decreases maintenance labor and material costs over the life of the fixture.

The slim, low-profile die-cast aluminum housing is wet location rated. Luminaire easily mounts directly to the recessed junction box using the included quick-mount plate. An integrated photosensor comes standard for dusk-to-dawn control.

This luminaire incorporates a slim, frosted white, polycarbonate lens to protect the LEDs and minimize glare while delivering bright, uniform light.

- Canopies
- Entryways
- Parking Garages
- Exterior Ceilings
- Security Lighting



5 YEAR  
WARRANTY

we know light.™

# LED Canopy Light

## Features/Benefits

Up to 78% less energy than traditional metal halide	Instant energy savings and potential rebate eligibility
Long 50,000 hour rated life	Minimizes replacements and labor costs
Integrated 120-277V photosensor	Comes standard; provides dusk-to-dawn control
Mercury free	Great for all environments
Die-cast aluminum housing with frosted polycarbonate lens	Robust design protects the LEDs to withstand harsh outdoor environments
UL approved for wet locations	Suitable for outdoor installation
Easy to install—surface or pendant mount	Easy installation and retrofit application

## Specifications

Input Line Voltage	120-277V
Input Line Frequency (Hz)	50/60HZ
Lumens / Wattage	4800L (40W), 6300L (57W)
Lumens per Watt (LPW)	120 LPW, 110 LPW
Color Temperature (CCT)	5000K
Dimming	n/a
Controls	Integrated 120-277V photosensor (standard)
Rated Life	>50,000 hours
Operating Temperature	-40°C to 40°C
CRI	70+
Power Factor	>0.9
THD	<20%

## Warranty

Five year limited warranty against defects in manufacturing

## Replacement Comparison

Type	Wattage	Energy Savings (%)
<b>TCP 4800L LED Canopy</b>	<b>40W</b>	-
100W Metal Halide	129W	69%
150W Metal Halide	185W	78%
<b>TCP 6300L LED Canopy</b>	<b>57W</b>	-
175W Metal Halide	210W	73%
200W Metal Halide	230W	75%



### Applications

TCP's LED Canopy Lights feature a slim, low profile design and delivers bright, uniform light, long life, energy savings and low maintenance. Applications include overhead canopies, entryways, parking garages, exterior ceilings and security lighting.

### Construction

- Visually appealing slim, low-profile design
- Heavy duty die-cast aluminum housing
- Durable UV stabilized powder coat finish
- Unique quick mount design for easy installation

### Electrical

- Integrated 120-277V photosensor for dusk-to-dawn control
- System rated for long 50,000 hour rated life
- cULus wet location rated
- 4kV surge suppression comes standard

### Optics

- Durable frosted polycarbonate lens
- Glare-free light distribution



#### Listings

cULus Listed – wet location rated  
RoHS Compliant

#### Warranty

Five year limited warranty against defects in manufacturing

#### Installation

Surface or pendant mounted

Before installation, please consult your local ordinances and building codes for compliance

### Lumen Maintenance

Lumen Maintenance Factor (LMF)				
Item#	36,000 hours <sup>1</sup>	50,000 hours <sup>1</sup>	100,000 hours <sup>2</sup>	Reported L <sub>70</sub> (hours) <sup>1</sup>
TCPCLSU4850KBRZPC	95.35%	93.66%	87.88%	>84,000
TCPCLSU6350KBRZPC	95.46%	93.81%	88.15%	>84,000

<sup>1</sup> IESNA TM-21-11 projected value based on 6X IESNA LM-80-08 total test duration of 14,000 hours.

<sup>2</sup> IESNA TM-21-11 calculated value exceeds 6X IESNA LM-80-08 total test duration of 14,000 hours.

### Catalog Ordering Matrix Example: TCPCLSU6350KBRZPC

BRAND	PRODUCT ID	VOLTAGE	LUMENS PACKAGE (Power) <sup>12</sup>	CCT	COLOR	CONTROLS
TCP	CLS – LED Canopy Square	U – 120-277V 3 – 347V*	48 – 4800 Lumens (120W) 63 – 6300 Lumens (110W)	50K – 5000K Other*	BRZ – Bronze Other*	PC – Photocell

\* Special Order – consult manufacturer for minimum ordering quantity and lead times.

### Performance Data

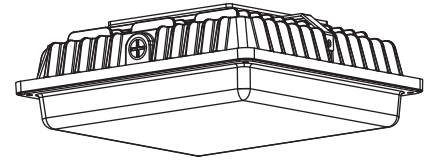
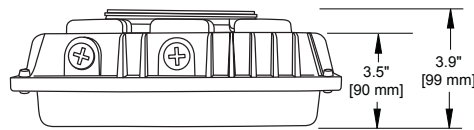
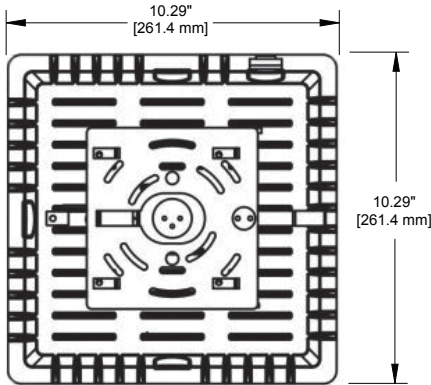
Item#	Wattage <sup>1</sup>	Lumens <sup>2</sup>	LPW	CRI	CCT (K)	DISTRIBUTION TYPE	B	U	G
TCPCLSU4850KBRZPC	40	4800	120	70	5000K	Type VS - Very Short	2	3	1
TCPCLSU6350KBRZPC	57	6300	110	70	5000K	Type VS - Very Short	2	3	1

<sup>1</sup> Actual wattage may vary by +/- 10%.

<sup>2</sup> Approximate lumen output. Actual performance may vary based on CCT, options selected and end user application.

For the most up-to-date specs and warranty information, please visit [www.tcp.com](http://www.tcp.com)

Dimensions

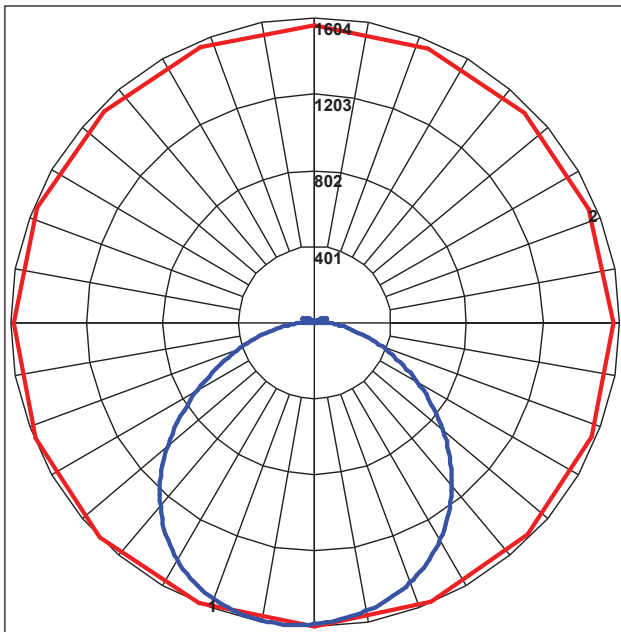


Weight

5.1 lbs (2.312 kgs)

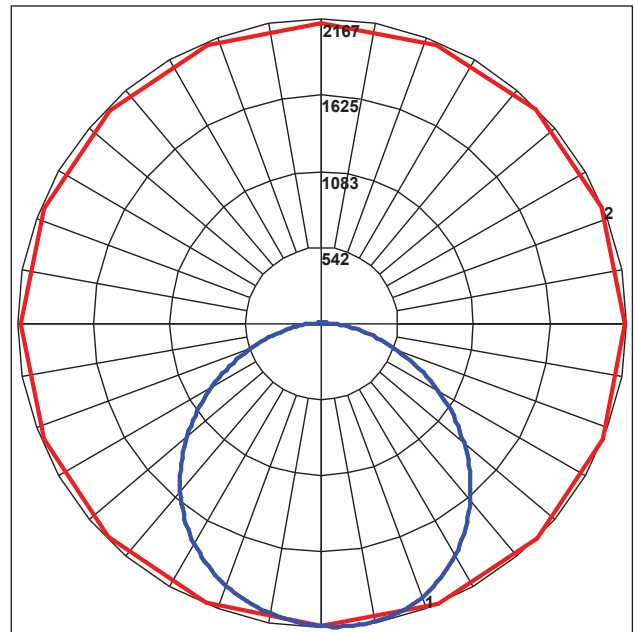
Photometric Report

Based on photometric data for  
TCP Item # **TCPCLSU4850KBRZPC**  
**Polar Graph**



Maximum Candela = 1603.9 Located At Horizontal Angle = 270, Vertical Angle = 6  
# 1 - Vertical Plane Through Horizontal Angles (270 - 90) (Through Max. Cd.)  
# 2 - Horizontal Cone Through Vertical Angle (6) (Through Max. Cd.)

TCP Item # **TCPCLSU6350KBRZPC**  
**Polar Graph**



Maximum Candela = 2166.88 Located At Horizontal Angle = 315, Vertical Angle = 4  
# 1 - Vertical Plane Through Horizontal Angles (315 - 135) (Through Max. Cd.)  
# 2 - Horizontal Cone Through Vertical Angle (4) (Through Max. Cd.)