

# Elements

by TCP

## Select Series LED Canopy Light

### Product Specifications



Are you looking for a low-maintenance solution to your parking garage, gas station, awning or outdoor canopy lighting? Check out the Select Series LED Canopy Light from TCP. These long-lasting canopy luminaires are virtually maintenance free over their long 50,000 hour rated life. TCP's next generation of canopy light is wattage selectable, sealed against water/dust, and vandal proof.

### Reasons to choose the Select Series LED Canopy Light from TCP

- Wide, even light distribution and low glare
- 0-10V dimming, dim to off
- Vandal resistant - IK10 Protection
- Cast aluminum housing
- IP65 wet location rated
- Wattage selectable
- Long 50,000 hour rated life reduces maintenance and replacement costs
- Optional microwave motion sensor has motion sensing, a photocell, and bi-level dimming

### Ideal Applications

- Parking Garages
- Awnings
- Canopies
- Security Lighting
- Gas Stations



## Applications

This product family can be effectively used in outdoor ceiling mount locations including parking garages, gas stations, awnings, canopies and security lighting.

## Construction

- Cast aluminum housing
- Vandal resistant - IK10 protection
- Die-cast heatsink fins divert heat from the luminaire
- White housing to match any surroundings

## Electrical

- IP65 wet location rated
- Surface mount, pendant mount, or surface mount with conduit
- 25/40/60W power selectable switch located on the back
- System rated for long 50,000 hour life
- Operating temperature: -13°F to 104°F
- 0-10V dimming, dim to off
- 135 LPW

## Optics

- Delivers bright white light and excellent uniformity
- Impact-resistant fresnel lens has a frosted finish
- Wide, even light distribution and low glare
- 120° or 160° light distribution
- 80+ CRI

Item Number	
Notes	Type



Power selectable switch

## Listings

UL and cUL listed  
RoHS Compliant  
DLC 5.1 Premium

## Warranty

Five year limited warranty against defects in manufacturing.

INDICATES BREX EXPRESS



## Catalog Ordering Matrix

Example: CPUZDB340K

FAMILY	VOLTAGE	DIMMING	LUMEN PACKAGE <sup>1,2</sup>	COLOR TEMPERATURE	BEAM ANGLE (DLC PRIMARY USE) <sup>3</sup>	PAINT COLOR <sup>4</sup>	FACTORY INSTALLED CONTROLS
CP = Canopy Light	U = 120V-277V	ZD = 0-10V Dimming	B3 = 3,200L/5,120L/7,680L (25W/40W/60W selectable)	40K = 4000K 50K = 5000K	BLANK = 120 (Gas Pump) 160 = 160 (Parking Garage)	Blank = White BR = Bronze BK = Black	BLANK = No Controls MS = Microwave Motion/ Bi-level Dimming Sensor

<sup>1</sup> Approximate lumen output. Actual performance may vary based on CCT, options selected and end user application.

<sup>2</sup> Actual wattage may differ by +/- 10%.

<sup>3</sup> 160° beam angle optic needed for parking garage. DLC primary use is clear.

<sup>4</sup> White paint is standard. All other colors are special order, longer lead times apply.



## Field Installed Accessories

### Field Installed Accessories:

Item Number	Description
CPEBATTERY	8W 90 min. waterproof emergency battery backup
CPREMOTE	Remote control for microwave sensor add-on

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

### Microwave sensor capabilities

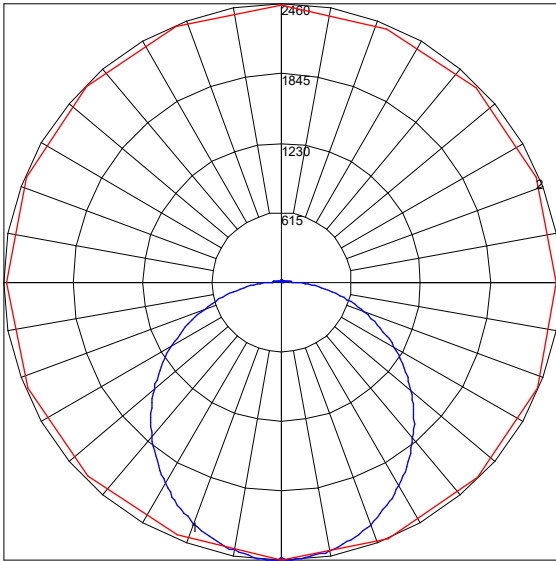
- Photocell and motion sensing
- Bi-level dimming



## Photometric Report

Based on photometric data for  
TCP Item # CPUZDB340K

### Polar Graph



Maximum Candela = 2459.9 Located At Horizontal Angle = 270, Vertical Angle = 2  
# 1 - Vertical Plane Through Horizontal Angles [270 - 90] (Through Max. Cd.)  
# 2 - Horizontal Cone Through Vertical Angle [2] (Through Max. Cd.)

### Spacing Criterion

(0-180): 1.50, (90-270): 1.50

## Coefficients of Utilization – Zonal Cavity Method

Effective Floor Cavity Reflectance 0.20

RC	80			70			50			30			10			0		
	RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	0		
0	119	119	119	119	116	116	116	116	110	110	110	105	105	105	101	101	101	98
1	107	102	97	93	104	100	95	91	95	91	88	91	88	85	87	85	82	80
2	97	88	81	75	94	86	80	74	82	77	72	79	74	70	76	72	68	66
3	88	77	69	62	86	76	68	61	72	65	60	69	63	59	66	62	57	55
4	81	68	59	52	78	67	58	52	64	57	51	61	55	50	59	54	49	47
5	74	61	52	45	72	60	51	44	57	50	44	55	48	43	53	47	42	40
6	68	55	46	39	66	54	45	39	52	44	38	50	43	38	48	42	37	35
7	63	50	41	34	62	49	40	34	47	39	34	45	38	33	44	38	33	31
8	59	45	37	31	57	44	36	30	43	35	30	42	35	30	40	34	30	28
9	55	41	33	27	54	41	33	27	39	32	27	38	32	27	37	31	27	25
10	52	38	30	25	50	38	30	25	37	29	25	35	29	24	34	28	24	22

### Zonal Lumen Summary

Zone	Lumens	%Lamp	%Fixt	Zone	Lumens
0-20	890.57	11.90	11.90	0-10	230.84
0-30	1887.74	25.30	25.30	10-20	659.73
0-40	3090.53	41.40	41.40	20-30	997.17
0-60	5511.9	73.80	73.80	30-40	1202.78
0-80	7061.61	94.50	94.50	40-50	1258.3
0-90	7345.85	98.30	98.30	50-60	1163.07
10-90	7115.01	95.30	95.30	60-70	933.79
20-40	2199.95	29.50	29.50	70-80	615.91
20-50	3458.25	46.30	46.30	80-90	284.25
40-70	3355.17	44.90	44.90	90-100	68.27
60-80	1549.7	20.70	20.70	100-110	15.81
70-80	615.91	8.20	8.20	110-120	6.21
80-90	284.25	3.80	3.80	120-130	7.39
90-110	84.09	1.10	1.10	130-140	7.82
90-120	90.30	1.20	1.20	140-150	7.32
90-130	97.69	1.30	1.30	150-160	5.93
90-150	112.83	1.50	1.50	160-170	3.85
90-180	123.94	1.70	1.70	170-180	1.33
110-180	39.85	0.50	0.50		
0-180	7469.8	100.00	100.00		

Total Luminaire Efficiency = 100.00%

### Average Luminance (cd/sq.m)

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	130862	129718	132222
55	128764	126979	130727
65	126546	125019	128786
75	127573	125488	130150
85	166703	172979	171480

Specifications and dimensions subject to change without notice.

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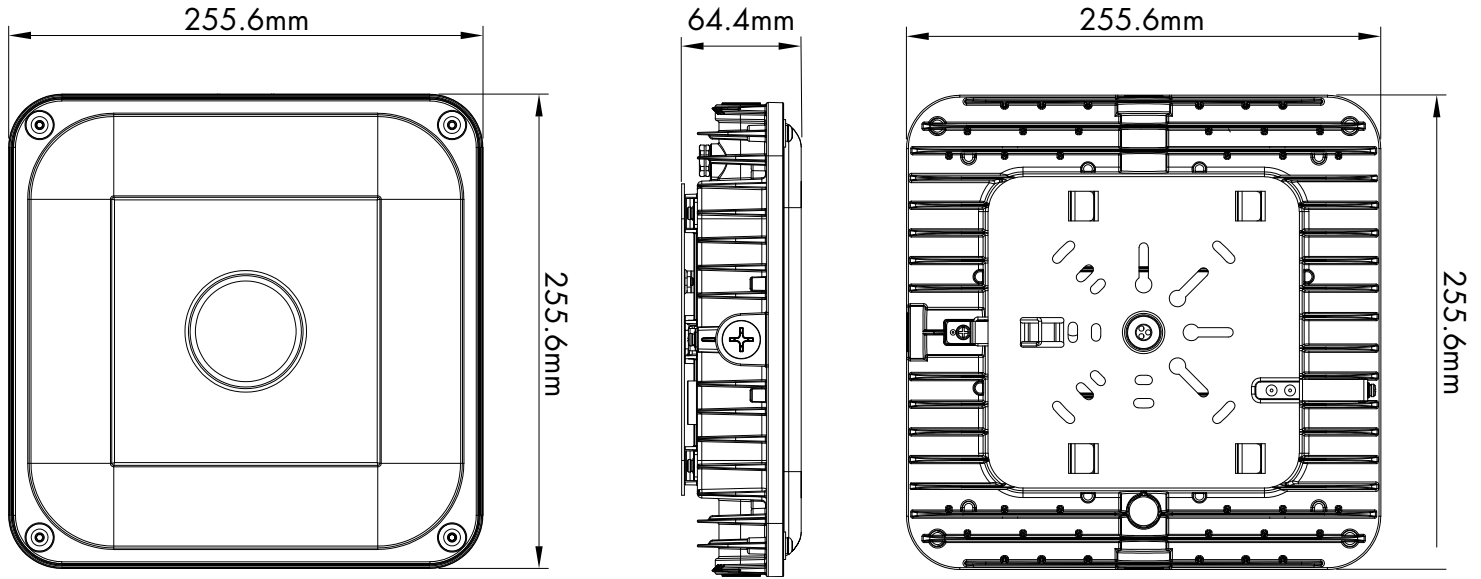
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5 YEAR WARRANTY

Not all versions of this product are qualified on the DLC QPL. To view our DLC qualified products, please consult the DLC Qualified Products List at [www.designlights.org/qpl](http://www.designlights.org/qpl).

## Dimensions



## DLC Primary Use Details



DLC Primary Use = Parking Garage Luminaires  
160° lens version comes with a clear louvered lens



DLC Primary Use = Fuel Pump Canopy Luminaires  
120° lens version comes with a frosted lens

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