

# Elements

by TCP



## LED Adjustable Wall Packs

### Limitless Options for the following applications:

TCP's LED Adjustable Wall Packs combine the look of a modern LED wall pack with the added benefit of adjustability up to 20° to add forward throw when needed. An efficient alternative to metal halide, these wall packs deliver bright, uniform light while providing energy savings and rebate eligibility. A long 50,000 hour rated life significantly decreases maintenance labor and material costs over the life of the fixture.

The robust die-cast aluminum housing incorporates an impact resistant polycarbonate lens. An integrated photocell comes standard for dusk-to-dawn control. It mounts directly to a standard junction box for easy retrofit of traditional fixtures.

- Site Lighting
- Security Lighting
- Pathways
- Entrances
- Perimeters
- Facades



5 YEAR WARRANTY

we know light.™

# LED Adjustable Wall Pack

## Features/Benefits

Up to 79% 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 button photocell	Comes standard; provides dusk-to-dawn control
Mercury free	Great for all environments
Die-cast aluminum housing with impact resistant polycarbonate lens	Robust design protects the LEDs to withstand harsh outdoor environments
UL approved for wet locations	Suitable for outdoor installation
Surface mounts to standard junction box	Easy installation and retrofit application

## Specifications

Input Line Voltage	120-277V
Input Line Frequency (Hz)	50/60HZ
Lumens / Wattage	4500L (40W), 9800L (90W)
Lumens per Watt (LPW)	105 - 109 LPW
Color Temperature (CCT)	4000K, 5000K
Dimming	n/a
Controls	Integrated 120-277V button photocell (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 LED Adjustable Wall Pack A1 - 4500 Lumens</b>	<b>40W</b>	<b>-</b>
75W Metal Halide	86W	53%
100W Metal Halide	129W	69%
150W Metal Halide	188W	79%
<b>TCP LED Adjustable Wall Pack A2 - 9800 Lumens</b>	<b>90W</b>	<b>-</b>
150W Metal Halide	188W	52%
200W Metal Halide	230W	61%
250W Metal Halide	295W	69%

Size: A1 (40W)



Size: A2 (90W)



5 YEAR WARRANTY

To view our DLC qualified products, please consult the DLC Qualified Products List at [www.designlights.org/qpl](http://www.designlights.org/qpl).

### Applications

TCP's LED Adjustable Wall Packs are a highly efficient alternative to traditional metal halide fixtures. Ideal for outdoor applications requiring bright, uniform light including site lighting, security lighting, entrances, pathways and perimeters.

### Construction

- Heavy duty die-cast aluminum housing
- Durable UV stabilized powder coat finish
- Mounts to standard junction box
- Modern style with up to 20° tilt adjustment

### Electrical

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

### Optics

- Formed reflector creates a Type III distribution
- Clear, impact-resistant polycarbonate outer lens



### Listings

cULus Listed – wet location rated  
RoHS Compliant  
DLC v4.4 Standard

### Installation

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

### Warranty

Five year limited warranty against defects in manufacturing

### 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>
A1	90.89%	87.93%	78.14%	>42,000
A2	90.21%	87.02%	76.52%	>42,000

<sup>1</sup> IESNA TM-21-11 projected value based on 6X IESNA LM-80-08 total test duration.  
<sup>2</sup> IESNA TM-21-11 calculated value exceeds 6X IESNA LM-80-08 total test duration.

## Catalog Ordering Matrix Example: FCWUZDA1T340KBRPC

FC	W	U	ZD		T3		BR	PC
FAMILY	MOUNT	VOLTAGE	DIMMING	LUMENS PACKAGE (Power) <sup>1,2</sup>	DISTRIBUTION	CCT	COLOR	PHOTOCELL
FC – Full Cutoff Wall Pack	W – Wall	U – 120-277V	ZD – 0-10V Dimming	A1 – 4500 Lumens (40W) A2 – 9800 Lumens (90W)	T3 – Type III	40K – 4000K 50K – 5000K	BR – Bronze	PC – Button Photocell

<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 vary by +/- 10%.

## Performance Data

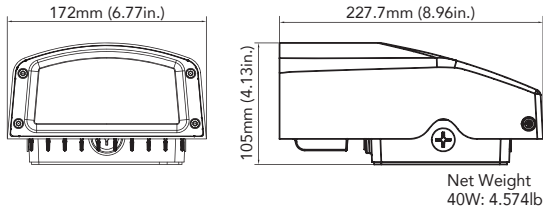
Lumen Package	Number of Drivers	System Watts	Drive Current (mA)	Input Voltage	Distribution Type	4000K 70CRI		5000K 70CRI		B-U-G Rating
						Lumens	LPW	Lumens	LPW	
A1	1	40	980	120-277V	III	4379	109	4286	107	B2-U1-G0
A2	2	90	980	120-277V	III	9828	109	9432	105	B3-U2-G1

# LED Adjustable Wall Pack

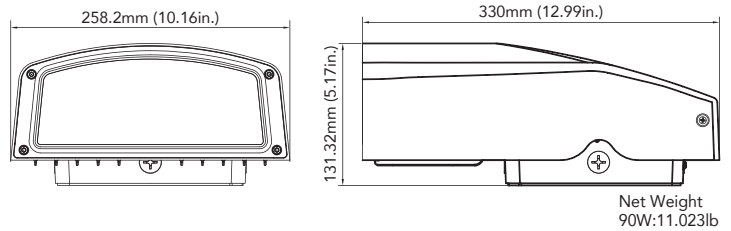
## LED TECHNICAL DATA

### Dimensions

**TCP Adjustable Wall Pack A1 - 4,500 Lumens**



**TCP Adjustable Wall Pack A2 - 9,800 Lumens**

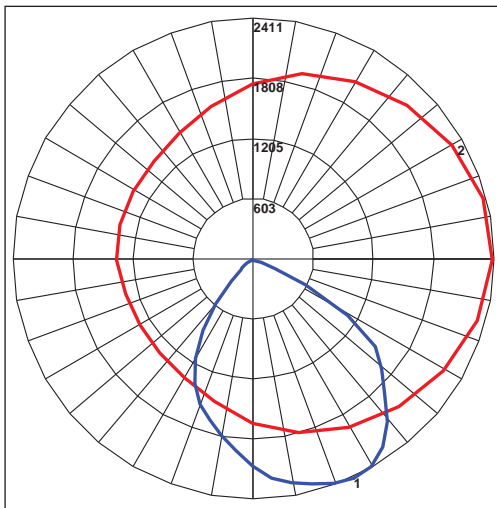


### Photometric Report

TCP Item # **FCWUZDA1T340KBRPC**

#### Polar Graph

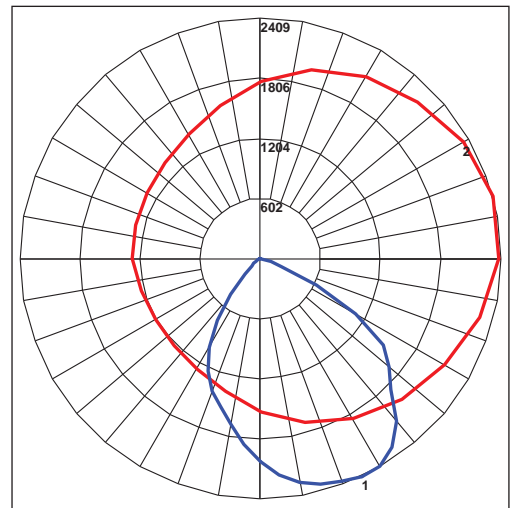
Maximum Candela = 2410.64 Located At Horizontal Angle = 360, Vertical Angle = 25  
# 1 - Vertical Plane Through Horizontal Angles (360 - 180) (Through Max. Cd.)  
# 2 - Horizontal Cone Through Vertical Angle (25) (Through Max. Cd.)



TCP Item # **FCWUZDA1T350KBRPC**

#### Polar Graph

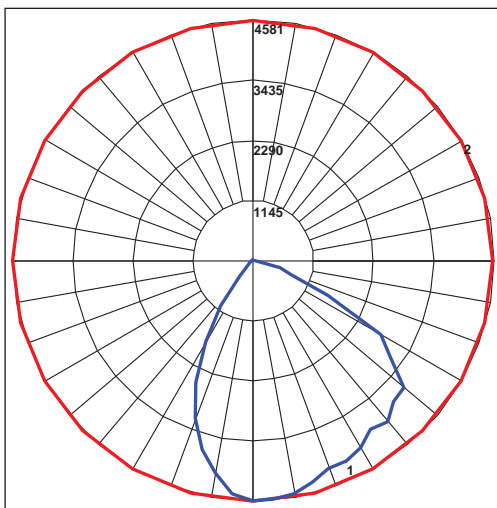
Maximum Candela = 2408.59 Located At Horizontal Angle = 15, Vertical Angle = 25  
# 1 - Vertical Plane Through Horizontal Angles (15 - 195) (Through Max. Cd.)  
# 2 - Horizontal Cone Through Vertical Angle (25) (Through Max. Cd.)



TCP Item # **FCWUZDA2T340KBRPC**

#### Polar Graph

Maximum Candela = 4580.53 Located At Horizontal Angle = 360, Vertical Angle = 0  
# 1 - Vertical Plane Through Horizontal Angles (360 - 180) (Through Max. Cd.)  
# 2 - Horizontal Cone Through Vertical Angle (0) (Through Max. Cd.)



TCP Item # **FCWUZDA2T350KBRPC**

#### Polar Graph

Maximum Candela = 4441.94 Located At Horizontal Angle = 60, Vertical Angle = 5  
# 1 - Vertical Plane Through Horizontal Angles (60 - 240) (Through Max. Cd.)  
# 2 - Horizontal Cone Through Vertical Angle (5) (Through Max. Cd.)

