Elements
by TCP



LED Adjustable Wall Packs

Limitless Options
for the following applications:

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

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.

c UL us LISTED DLC PREMIUM LISTED 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), 9500L (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 (%)
TCP LED Adjustable Wall Pack A1 - 4500 Lumens	**40W**	**–**
75W Metal Halide 100W Metal Halide 150W Metal Halide	86W 129W 188W	53% 69% 79%
TCP LED Adjustable Wall Pack A2 - 9500 Lumens	**90W**	**–**
150W Metal Halide 200W Metal Halide 250W Metal Halide	188W 230W 295W	52% 61% 69%

Size: A1 (40W)



Size: A2 (90W)



c UL US LISTED

DLC QPL LISTED

5 YEAR WARRANTY

To view our DLC qualified products, please consult the DLC Qualified Products List at www.designlights.org/qpl.

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LED Adjustable Wall Pack
LED TECHNICAL DATA

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[1]**	**50,000 hours[1]**	**100,000 hours[2]**	**Reported L_{70} (hours)[1]**
A1	90.89%	87.93%	78.14%	>42,000
A2	90.21%	87.02%	76.52%	>42,000

[1] IESNA TM-21-11 projected value based on 6X IESNA LM-80-08 total test duration.
[2] 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)[1][2]**	**DISTRIBUTION**	**CCT**	**COLOR**	**PHOTOCELL**
FC – Full Cutoff Wall Pack	W – Wall	U – 120-277V	ZD – 0-10V Dimming	A1 – 4500 Lumens (40W) A2 – 9500 Lumens (90W)	T3 – Type III	40K – 4000K 50K – 5000K	BR – Bronze	PC – Button Photocell

[1] Approximate lumen output. Actual performance may vary based on CCT, options selected and end user application.
[2] Actual wattage may vary by +/- 10%.

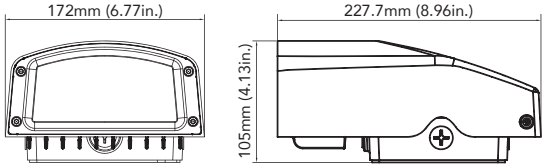
Performance Data

Lumen Package	Number of Drivers	System Watts	Drive Current (mA)	Imput 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

For the most up-to-date specs and warranty information, please visit www.tcpi.com

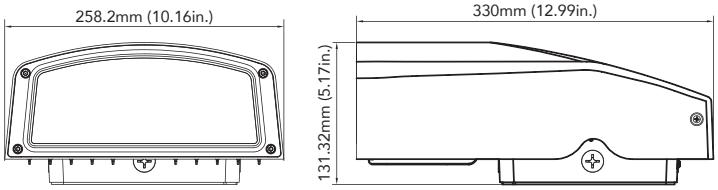
Dimensions

TCP Adjustable Wall Pack A1 - 4,500 Lumens



Net Weight
40W: 4.574lb

TCP Adjustable Wall Pack A2 - 9,500 Lumens

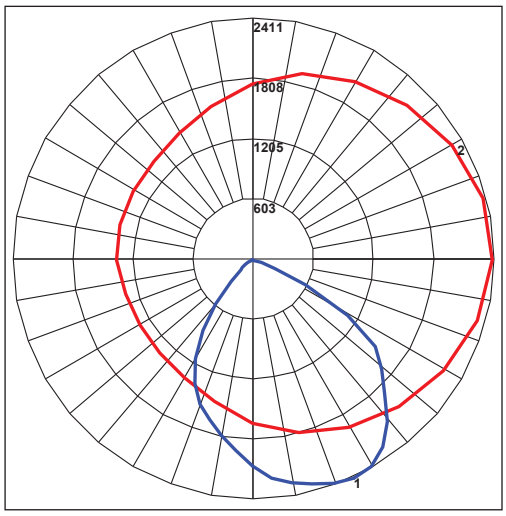


Net Weight
90W:11.023lb

Photometric Report

TCP Item # **FCWUZDA1T340KBRPC**

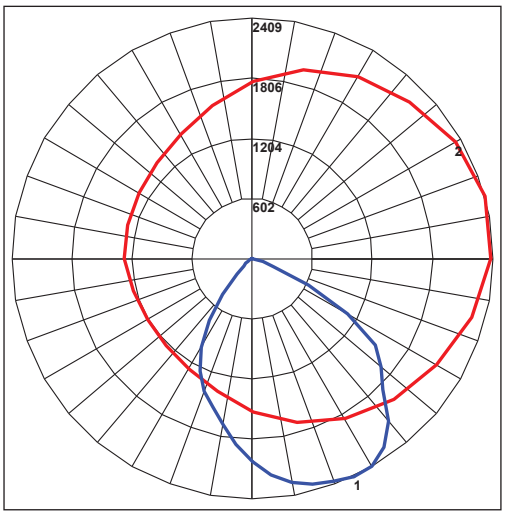
Polar Graph



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**

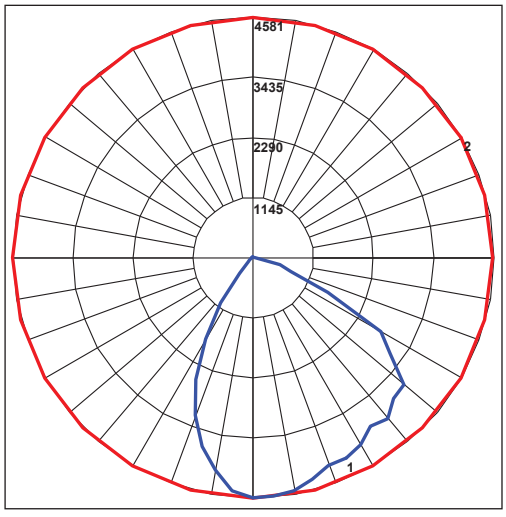
Polar Graph



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**

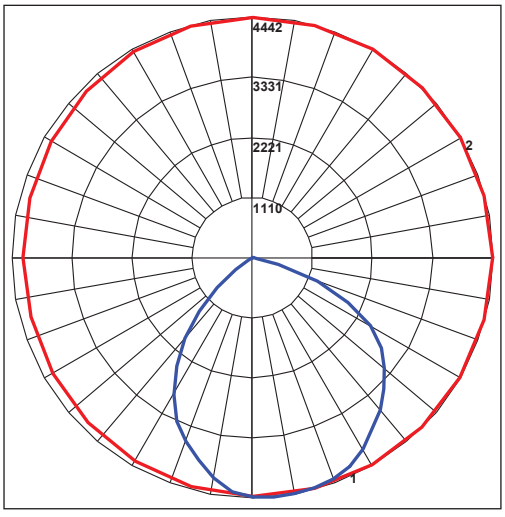
Polar Graph



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.)

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