



LED Full-Cutoff Wall Pack - WP28

3-IN-1, Photocell ON/OFF, Wattage Adjustable & CCT selectable

Rev.8/29/24



Description

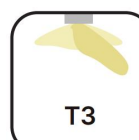
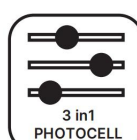
E2's new LED full-cutoff wall packs are your first choice for wall-mounted lighting projects. 3 IN 1 switch is selectable for CCT, wattage, and photocell ON/OFF control. D2D photocell can automatically turn off at sunrise or during the day, and automatically light up at sunset or night. It is a highly efficient lighting solution that provides long-lasting and energy-saving.

Application

- Factory
- Warehouse
- Walkways
- Hallways
- Outdoor Commercial
- Outdoor Residential

Certificate

- UL
- DLC



Key Features

- High efficacy up to 170 lm/W.
- 3CCT(3000/4000/5000K) and 4 Wattages Selectable offer SKU reduction.
- AC120-277V & AC120-347V for options.
- Professional optical design meets the DLC full cut-off wall pack standard.
- ADC12 Aluminum die-casting housing provides excellent heat dissipation.
- Automated Dusk to Dawn photocell functionality.
- Microwave motion sensor and emergency driver available.
- Waterproof rated IP65.

Die-cast aluminum housing

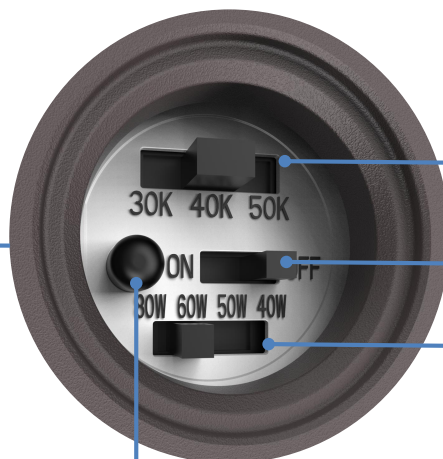
Durable housing provides good heat dissipation.

1/2" Knockouts

Optical polycarbonate lens

DLC Standard Full cut-off wall pack.

Microwave motion sensor (Zhaga receptacle)



Field-adjustable CCT

3CCT Selectable: 3000K/4000K/5000K.

Photocell ON/OFF

Field-adjustable wattage

4 Wattage selectable.

Built-in photocell

Performance Summary

Model NO. #	Size	Watts	3 CCT	LPW	Lumens(±10%)	Voltage	Dim	CRI	Beam Angle
E2-WPF-WP28-40/50/60/80W-3CCT-EM	14"	40/50/60/80W Selectable	3CCT Selectable 3000K 4000K 5000K	170lm/W	13600LM @80W	AC120-277V	0-10V driver	>80	Type III
E2-WPF-WP28-40/50/60/80W-3CCT	14"	40/50/60/80W Selectable			13600LM @80W				

Remarks: 1. All above efficacy and lumens are subject to CRI>80 @4000K, please check IES files for accurate data.

2. WP28-X-XXZ-AD4C3, X denotes size; Z denotes voltage, L=AC120-277V, M=AC120-347V; A denotes function, S2 = photocell, M2 = photocell and emergency driver, S = microwave motion sensor, M = microwave motion sensor and emergency driver; D4C3 denotes 0-10 V dimming driver, 4 wattage, and 3 CCT selectable.

3. CCT & Power Selectable models ship preset at the highest CCT and the highest wattage. Factory default settings for Photocell is ON.

Performance

- LED Type: SMD2835
- THD: <20%
- Surge Protection: L/N 6KV, L/N-P 6KV
- Frequency: 50/60HZ
- IP Rating: IP65
- L-N/L&N-PE:4+6KV (120-277V, 40W)
- Power Factor: ≥0.90
- Life Time: L70 @ 50,000Hrs
- Operating Temp.: -40°F to 122°F (-40°C to +50°C) for Standard, -40°F to 113°F (-40°C to +45°C) for EM version

Construction

- Lens: Polycarbonate
- Housing: Die-cast aluminum
- Finish: Bronze, Custom finishes available

Mounting

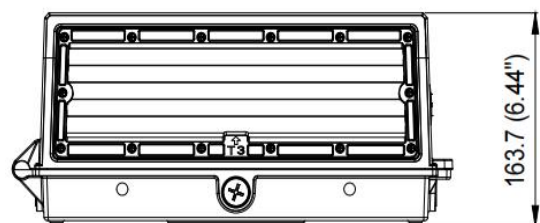
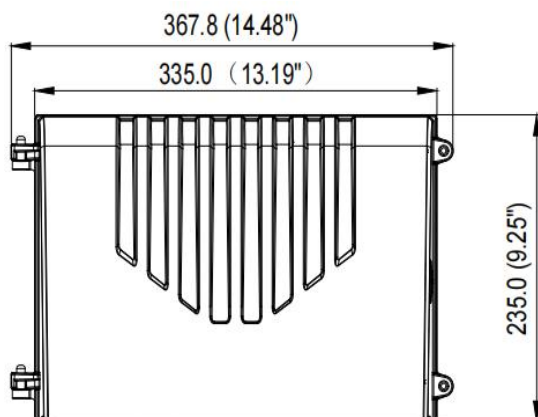
- Wall Mount
- Five 1/2" knockouts: one on each side for convenient installation

Packing Info.

Product Size (inch&mm)	Product & Package Weight (KG)		Carton Size (inch&mm)	Q'ty/CTN (PCS)	20GP (PCS)	40HQ (PCS)
	N.W./PC	G.W./CTN				
14" 14.18*9.25*6.44" 367.8*235.0*163.7mm	2.7	3.5	16.73*11.42*8.54" 425*290*217mm	1	1030	2365

Product Dimension

(unit: mm & inch)





BUILD-IN BATTERY DRIVER ELECTRICAL SPECIFICATIONS

Input Voltage: 100-347Vac, 50/60Hz

Input Current: 100mA max

Input Power: 8W max

Output Power: 4W/8W/15W/20W/25W

Recharge Time: 24 Hours

Discharge Time: 90 minutes

Battery: LiFePO4 battery

Battery Charging Current: $\leq 350\text{mA}$

Ambient Temp: 4W: 10°C to 60°C (50°F to 140°F) 8W/15W/20W/25W: 5°C to 60°C (41°F to 140°F)