

E110 Series

Architectural LED Trapezoid Wallpack



DESCRIPTION

The E110 Series is a traditional full cutoff geometric sconce designed for optimal light control and distribution. Its die-cast aluminum construction provides ideal thermal management. Lumen packages from 3360 to 9800 are available in 4000K and 5000K CCT and a Type III distribution. This product offers project flexibility with photocontrol, integral motion sensor and battery backup options. The E110 is DLC Qualified for maximum energy savings and utility rebates. This family of product is offered in two housing sizes to complement new construction or retrofit applications, accommodating mounting heights up to 30'.

SPECIFICATIONS

Construction:

- Die-cast aluminum housing with stainless steel hardware and powder coated bronze finish
- UV-stabilized polycarbonate lens
- Integral heat sink maximizes heat dissipation for longer LED life
- Hinged back box isolates drivers from LEDs and offers easy access to drivers
- Back box includes three conduit entry points (one on top and two on the sides) as well as a knockout on the bottom for optional sensor

Optics/LEDs:

- No uplight design to minimize light pollution
- 30W to 90W LED models replace 100W to as high as 400W HID for up to 70% energy savings
- Efficacies up to 113 LPW maximize utility rebates
- Type III distribution
- Available in 4000K and 5000K CCT
- CRI ≥80
- 70,000 hrs L70

Electrical:

- 120-277VAC, 50/60Hz
- 0-10V Dimming driver

Testing & Compliance:

- cULus Listed for Wet Locations
- DesignLights Consortium® (DLC) Qualified (consult QPL for specific models)
- Operating temperatures: -40°C to 50°C (-40°F to 122°F)

Installation:

- Housing hinges to back box for easy installation
- Back box accommodates conduit entry as well as optional sensor
- Mounts to a standard 3-1/2" or 4" square electrical J-box

Options:

- Integral Battery Backup (BB) operates for 90 minutes, providing over 800 lumens for path of egress. Rated for ambient temperatures of 0°C to 25°C (32°F to 77°F)
- Factory installed 120/277VAC button type photocontrol (PC)
- Factory installed integral dimming occupancy sensor (SC)

Accessories:

- Dimming sensor for field installation (TL-MSSW)
- Remote control for TL-MSSW sensor (TL-MSSW-REMOTE)
- Button type universal photocontrol sensor 120/277VAC (PCU)

Warranty:

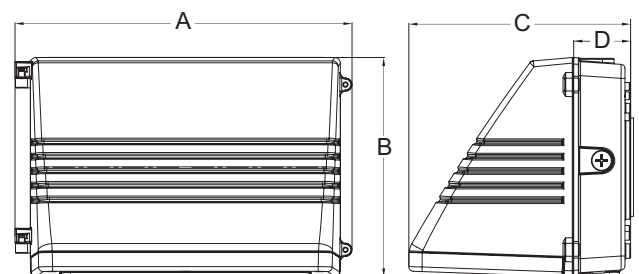
- Five Year Warranty (Terms and Conditions Apply)



Specs at a Glance			
Model	E110-30	E110-45	E110-90
Wattage (W)*	30W	45W	90W
Lumens (lm)	3360	4900	9800
Efficacy (LPW)	113	108	109
Equivalency (HID)	100-150 Watt	175-250 Watt	250-400 Watt
Distribution	Type III		
CCT (K)	4000K, 5000K		
CRI	≥80		
Input Voltage	120-277VAC, 50/60Hz		
Operating Temp	-40°C to 50°C (-40°F to 122°F)		
Certifications	cULus Listed for Wet Locations, DLC		
Warranty	5 Years		
Weight	9.8 lbs	9.8 lbs	15.0 lbs

* Nominal Wattage. Tested at 5000K CCT. See performance table for more detailed lumen information.

Note: Environment and application will affect actual performance. Typical values and 25°C used for testing.



Model	A	B	C	D
E110-30	14.2"	9.8"	8.8"	2.5"
E110-45	14.2"	9.8"	8.8"	2.5"
E110-90	18.1"	9.8"	11.2"	2.5"

Model: _____ Date: _____
 Accessories: _____
 Job Name: _____ Type: _____

Ordering Information (Example: E110-45-VS-4K-BR-BB)

Series	Wattage	Input Voltage	CCT	Finish	Options	Accessories ¹ (Field Installed)
E110	30 = 30W	VS = 120-277VAC	4K = 4000K	BR = Bronze	BB = Battery Backup	PCU = 120-277VAC Button Photocontrol
	45 = 45W		5K = 5000K		SC = Dimming Sensor	TL-MSSW = Dimming Sensor
	90 = 90W				PC = Button Photocontrol 120/277VAC	TL-MSSW-REMOTE = Remote for Sensor

Notes

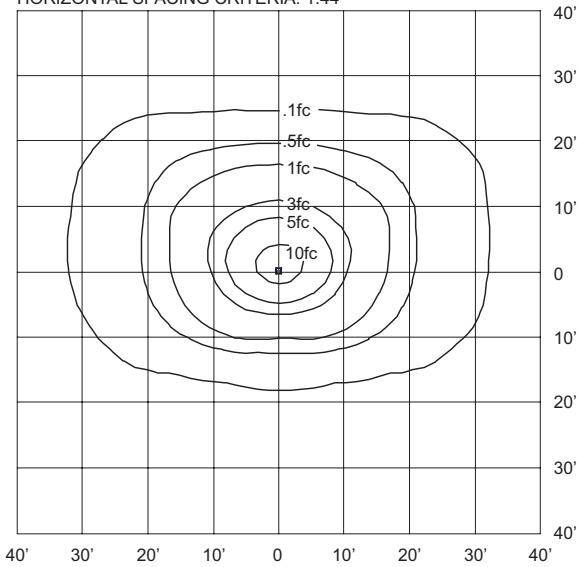
¹ Order as a separate line item. Shipped in a separate box for final installation in the field

Performance Data

Model	Wattage	CCT	Distribution	Lumen Output (lumens)	Efficacy
E110-30-VS-4K-XX	30	4000K	Type III	3360	112
E110-30-VS-5K-XX	30	5000K	Type III	3390	113
E110-45-VS-4K-XX	45	4000K	Type III	4800	107
E110-45-VS-5K-XX	45	5000K	Type III	4900	108
E110-90-VS-4K-XX	90	4000K	Type III	9700	108
E110-90-VS-5K-XX	90	5000K	Type III	9800	109

Sample Photometry

E110-30-VS-4K
 IES: TYPE III Very Short
 MOUNTING HEIGHT: 10'
 TILT: ZERO
 HORIZONTAL SPACING CRITERIA: 1.44



Motion Sensor Details - Option (SC) and Accessories (TL-MSSW and TL-MSSW-REMOTE)



SC Option (Factory Installed)
 TL-MSSW Accessory (Sold Separately)

Sensor Dip Switch Settings
 (Dip Switches on Sensor)

TL-MSSW-REMOTE
 Accessory
 (Sold Separately)

Sensor Settings (Remote)

DETECTION RADIUS/ANGLE	MAX 60°/360°
MOUNTING HEIGHT	MAX 40'
REMOTE RANGE	MAX 33'
FREQUENCY	5.8 GHz
HIGH MODE	70%, 80%, 90%, 100% (DEFAULT 100%)
SENSITIVITY	20%, 50%, 75%, 100% (DEFAULT 100%)
HOLD TIME	10sec, 1min, 5min, 10min, 15min, 20min, 30min, 60min (DEFAULT 5min)
DAYLIGHT HARVESTING	☀️, (disabled), 10Lux, 30Lux, 50Lux (DEFAULT disabled)
STANDBY DIM SETTING	0, 10%, 20%, 30%, OFF (∞) (DEFAULT 30%)
STANDBY TIME SETTING (TO OFF)	ON (disabled), 1min, 30min, 60min (DEFAULT 60min)