

DESCRIPTION

The E110X 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 3550 to 12,200 are available in 3000K, 4000K and 5000K CCT with a Type III distribution. This product offers project flexibility with photocontrol, integral motion sensor and battery backup options. This architectural family 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 in a powder coated bronze finish with stainless steel hardware
- 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
- 27W to 90W LED models replace 100W to 400W HID for up to 70% energy savings
- Efficacies up to 139 LPW maximize utility rebates
- Type III distribution
- Available in 3000K, 4000K and 5000K CCT
- CRI ≥70
- 70,000 hours L70

Electrical:

- 120-277VAC, 50/60Hz
- 1-10V Dimming driver

Testing & Compliance:

- cULus Listed for Wet Locations
- Operating temperatures: -40°C to 45°C (-40°F to 113°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 40°C (32°F to 104°F)
- Factory installed 120/277VAC button type photocontrol (PC)
- Factory installed integral dimming occupancy sensor (SC)

Accessories:

- Bluetooth enabled dimming occupancy sensor, PIR, black finish ([LE-E110X-BL-KIT](#) or [LE-E110X-BL-12V-KIT](#))
- Dimming sensor for field installation, white finish (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)

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



Specs at a Glance

Model	E110X-27	E110X-45	E110X-90
Wattage (W)*	27W	45W	90W
Lumens (lm)	3750	6100	12,200
Efficacy (LPW)	139	136	136
Equivalency (HID)	100-150 Watt	175-250 Watt	250-400 Watt
Distribution	Type III		
CCT (K)	3000K, 4000K, 5000K		
CRI	≥70		
Input Voltage	120-277VAC, 50/60Hz		
Operating Temp	-40°C to 45°C (-40°F to 113°F)		
Certifications	cULus Listed for Wet Locations		
Warranty	5 Years		
Weight	6.6 lbs	6.9 lbs	10.7 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.

Ordering Information (Example: E110X-45-VS-4K-BR-BB)

Series	Wattage	Input Voltage	CCT	Finish	Options
E110X	27 = 27W	VS = 120-277VAC	3K = 3000K	BR = Bronze	BB = Battery Backup
	45 = 45W		4K = 4000K		SC' = Dimming Sensor
	90 = 90W		5K = 5000K		PC = Button Photocontrol 120/277VAC

LiteLogic Accessories² (Field Installed)

[LE-E110X-BL-KIT³](#) = Bluetooth Enabled Dimming Occupancy Sensor, PIR, Black Finish

[LE-E110X-BL-12V-KIT⁴](#) = Bluetooth Enabled Dimming Occupancy Sensor, PIR, Includes 12V Power Adapter, Black Finish

PCU = 120-277VAC Button Photocontrol

TL-MSSW¹ = Dimming Sensor, White Finish

TL-MSSW-REMOTE = Remote for Sensor

Notes

¹ PC Option not required if ordering SC

³ For 27W models only

² Order as a separate line item. Ships in separate box for final installation in the field

⁴ For 45W and 90W models only

Performance Data

Model	Wattage	CCT	Distribution	Lumen Output (lumens)	Efficacy
E110X-27-VS-3K-XX	27	3000K	Type III	3550	131
E110X-27-VS-4K-XX	27	4000K	Type III	3700	137
E110X-27-VS-5K-XX	27	5000K	Type III	3750	139
E110X-45-VS-3K-XX	45	3000K	Type III	5800	128
E110X-45-VS-4K-XX	45	4000K	Type III	6000	133
E110X-45-VS-5K-XX	45	5000K	Type III	6100	136
E110X-90-VS-3K-XX	90	3000K	Type III	11,600	128
E110X-90-VS-4K-XX	90	4000K	Type III	12,000	133
E110X-90-VS-5K-XX	90	5000K	Type III	12,200	136

Sample Photometry

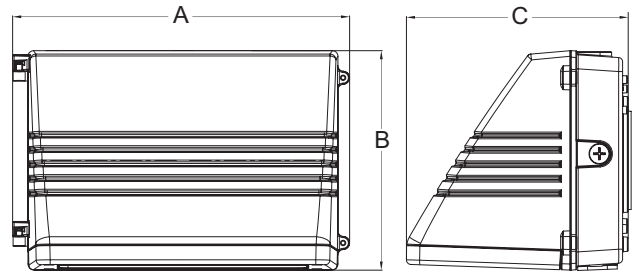
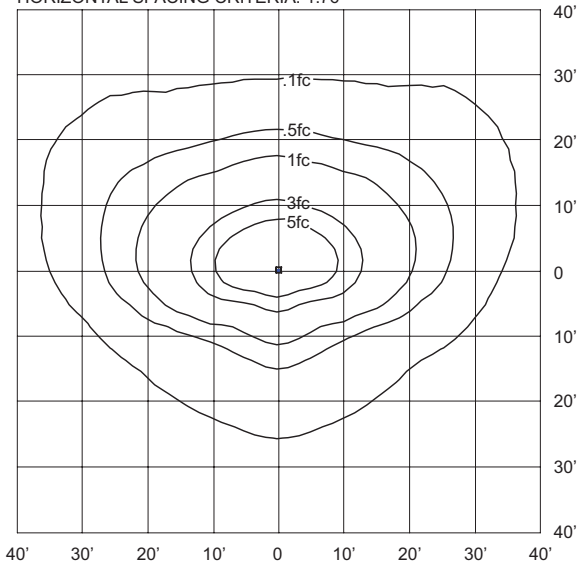
E110X-27-VS-4K

IES: TYPE III Short

MOUNTING HEIGHT: 10'

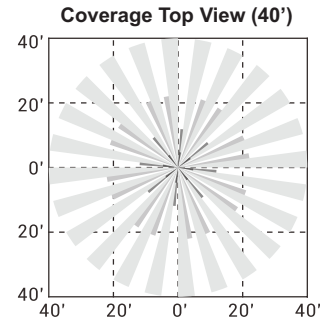
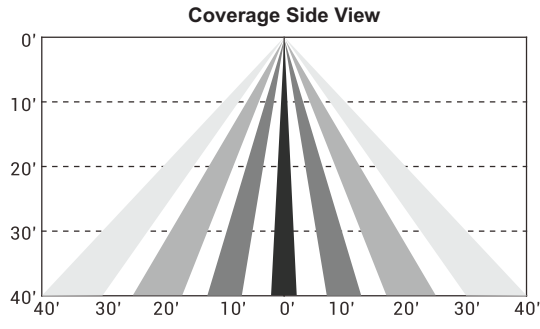
TILT: ZERO

HORIZONTAL SPACING CRITERIA: 1.76



Model	A	B	C	Weight
E110X-27	14.2"	9.3"	8.8"	6.6 lbs
E110X-45	14.2"	9.3"	8.8"	6.9 lbs
E110X-90	18.1"	9.8"	9.5"	10.7 lbs

Sensor Details - Bluetooth Enabled (Accessories LE-E110X-BL-KIT and LE-E110X-BL-12V-KIT) [Click here for sensor details](#)



SEE APP FOR
SENSOR SETTINGS

For a complete list of LiteLogic compatible products, [click here](#).



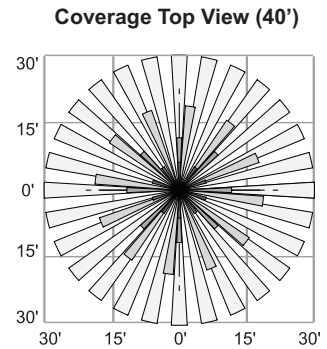
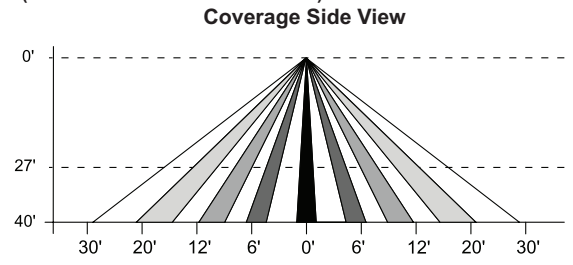
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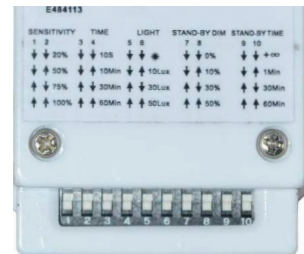


Motion Sensor Details - Option (SC) and Accessories (TL-MSSW and TL-MSSW-REMOTE)



Sensor Settings (TL-MSSW-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	<input type="checkbox"/> (disabled), 10Lux, 30Lux, 50Lux, 100Lux, 150Lux, 200Lux, 300Lux (DEFAULT disabled)
STANDBY DIM SETTING	0, 10%, 20%, 30%, OFF (∞), (DEFAULT 30%)
STANDBY TIME SETTING (TO OFF)	ON (disabled), 1min, 30min, 60min (DEFAULT 30min)



Sensor Dip Switch Settings
(Dip Switches on SC Sensor)



TL-MSSW-REMOTE Accessory
(Sold Separately)

Specifications are subject to change without notice.
Installation must be performed in accordance with
Barron Lighting Group installation instructions.