

DESCRIPTION

The WLZ-CP Series elevates architectural lighting with a sleek, low-profile LED design, now offering lumen packages from 1,340 to 19,120 lumens. Engineered with a high-efficiency light engine, it delivers optimal light control and distribution with zero uplight. The WLZ-CP Series is available in multiple housing sizes to seamlessly complement any building exterior, and features field-switchable power and CCT options between 3000K, 4000K, and 5000K to provide enhanced flexibility to suit diverse lighting needs. Type II, Type III, and Type IV distribution lenses are included in the box and are easily swappable, so every project has the perfect solution. An integral emergency battery backup available in every housing size ensures reliable path-of-egress lighting with optional Cold Location operation down to -20°C.

SPECIFICATIONS

Construction:

- Sleek die-cast aluminum housing with stainless steel hardware and powder coated black, bronze, gray aluminum or white finish
- UV-stabilized polycarbonate optical lens; Type III lens comes installed, Type II and Type IV lenses are included in the box
- Integral heat sink for maximized heat dissipation
- Backbox ensures simple installation and includes four 1/2" hubs
- Optional 3.5mm AUX receptacle for easy plug and play sensor installation

Optics/LEDs:

- Zero uplight design to minimize light pollution
- Efficacies up to 172 LPW
- Type II, Type III and Type IV distributions for optimal light distribution
- Available in 4 housing sizes and lumen packages:
 - WLZ1-CP: Switchable between 10W-15W-18W (1,340-2,500 lumens)
 - WLZ2-CP: Switchable between 25W-35W-45W (3,460-6,870 lumens)
 - WLZ3-CP: Switchable between 50W-65W-80W (7,720-12,970 lumens)
 - WLZ4-CP: Switchable between 90W-110W-130W (12,960-19,120 lumens)
- Color switchable between 3000K, 4000K and 5000K CCT. Switch is located inside backbox
- L70 of 50,000 hours at 40°C (104 °F)
- CRI ≥80, 90 CRI option (90) available

Electrical:

- 120-277VAC, 50/60Hz
- 277-480VAC Dedicated driver option for WLZ2-CP, WLZ3-CP and WLZ4-CP
- 0-10V Dimming driver

Installation:

- Housing hinges to backbox and is secured with set screws
- Hinged back box is complete with four 1/2" hubs, internal bubble level for easy installation and optional integral AUX sensor receptacle
- Mounts to a standard 3 1/2" or 4" square electrical J-box
- Tool free lens installation to easily change distribution
- Suitable for downlight installation only

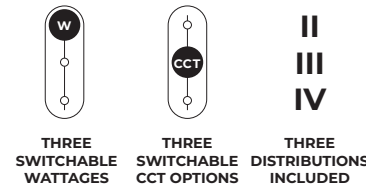
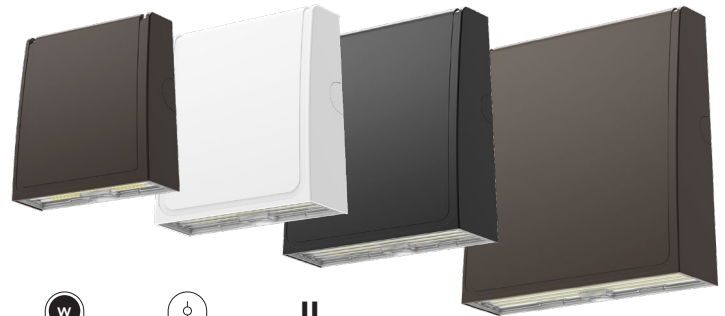
Options:

- 90CRI (90)
- Battery Backup (BB or CL):

Option	Lumen Output	Compatible Units	Operating Temp
BB	Up to 420lm	WLZ1-CP	5°C to 45°C (41°F to 113°F)
		WLZ2-CP	
	Up to 1,500lm	WLZ3-CP	
		WLZ4-CP	
CL	Up to 1,500lm	WLZ2-CP	Cold Locations down to -20°C (-4°F)
		WLZ3-CP	
		WLZ4-CP	

- Factory installed dual driver options (DD) for WLZ3-CP and WLZ4-CP
- Factory installed 3.5mm AUX receptacle (AUX)
- Factory installed 120/277VAC button type photocontrol option (PC)
- Factory installed 10kVA surge protection options (SP or SPH)

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



Specs at a Glance				
Model	WLZ1-CP	WLZ2-CP	WLZ3-CP	WLZ4-CP
Wattage (W)*	10W-15W-18W (Switchable)	25W-35W-45W (Switchable)	50W-65W-80W (Switchable)	90W-110W-130W (Switchable)
Lumens (lm)¹	1,340-2,500	3,460-6,870	7,720-12,970	12,960-19,120
Efficacy (LPW)	Up to 172			
Distribution¹	Type II, III, IV (Included in box)			
CCT (K)¹	3000K-4000K-5000K (Switchable) or 3500K			
CRI	≥80			
Input Voltage	120-277VAC	120-277VAC or 277-480VAC		
Operating Temp	-40°C to 45°C (-40°F to 113°F)			
Certifications	UL Listed for Wet Locations, IP65, DLC PREMIUM, IDA			
Warranty	5 Years			

* Nominal Wattage. Tested at 3000K CCT, 125Lm/W.

See performance table for more detailed lumen information.

¹ Units will ship set at highest wattage and CCT with Type III lens installed

Note: Environment and application will affect actual performance. Typical values and 25°C (77°F) used for testing. Specifications subject to change without notice.

Field Installed Accessories:

- Multiple plug and play occupancy sensor options for use with factory installed 3.5mm AUX receptacle
- Bluetooth PIR motion sensor with daylight harvesting, black or white finish, (LE-MS3W-KIT-BL-A, LE-MS3W-KIT-WH-A)
- PIR motion sensor with daylight harvesting, black or white finish, (SC-MSP12-KIT-BL-A, SC-MSP12-KIT-WH-A)
- Remote for SC-MSP12-KIT-BL-A occupancy sensor (TL-MSSW-REMOTE)
- 120/277VAC Button type universal photocontrol options accessory (PCU)

Testing & Compliance:

- cULus Listed for Wet Locations
- DesignLights Consortium® (DLC) PREMIUM Qualified
- IP65 Rated
- Operating temperatures: -40°C to 45°C (-40°F to 113°F)
5°C to 45°C (41°F to 113°F) with Battery Backup (Option: BB)
Cold Locations down to -20°C (-4°F) with Cold Location Battery Backup (Option: CL)

Warranty:

- Five Year Warranty (Terms and Conditions Apply)
- 10 Year Warranty available upon request, consult factory

ORDERING INFORMATION (Example: Example: WLZ1-SD-VS-CP-BR)

Series	Distribution	Input Voltage	CCT	Finish
WLZ1 = Extra-Small, 10W-15W-18W	SD ¹ = Type II, Type III, Type IV Lenses Included	HVS ² = 277-480VAC	35K = 3500K	BL = Black
WLZ2 = Small, 25W-35W-45W		VS = 120-277VAC	CP = Color & Power Switchable	BR = Bronze
WLZ3 = Medium, 50W-65W-80W				SV = Gray Aluminum
WLZ4 = Large, 90W-110W-130W				WH = White

Options

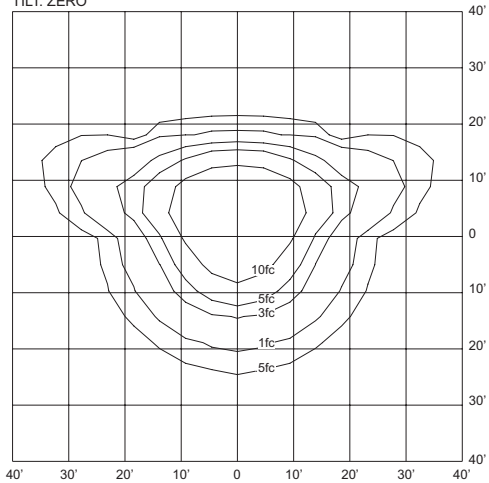
90 = 90CRI	
BB ^{3,4} = Battery Backup	
CL ⁵ = Cold Location Battery Backup (operation down to -20°C)	LiteLogic Accessories⁸ (Field Installed - Order As Separate Line Item)
DD ⁶ = Dual Driver	LE-MS3W-KIT-BL-A = Bluetooth Enabled Dimming Occupancy Sensor, PIR, Black Finish
AUX ⁷ = 3.5mm AUX Receptacle	LE-MS3W-KIT-WH-A = Bluetooth Enabled Dimming Occupancy Sensor, PIR, White Finish
PC ⁴ = 120/277VAC Button Photocontrol	PCU = 120/277VAC Button photocontrol accessory
SP = 120/277VAC Surge Protection	SC-MSP12-KIT-BL-A = Dimming Occupancy Sensor, PIR, Black Finish
SPH = 347/480VAC Surge Protection	SC-MSP12-KIT-WH-A = Dimming Occupancy Sensor, PIR, White Finish
	TL-MSSW-REMOTE = Remote for Sensor

Notes:

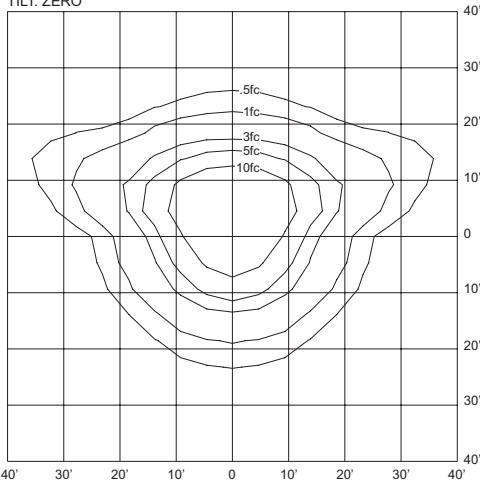
¹ Unit comes with Type III lens installed	⁶ WLZ3-CP and WLZ4-CP only
² WLZ2-CP, WLZ3-CP and WLZ4-CP only, compatible with SPH option only	⁷ Option is required for use of LE- or SC- LiteLogic accessories
³ Not required for CL option	⁸ Order as a separate line item. Shipped in separate box for final installation in the field
⁴ Not compatible with HVS configurations	
⁵ WLZ2-CP, WLZ3-CP and WLZ4-CP only	

SAMPLE PHOTOMETRY

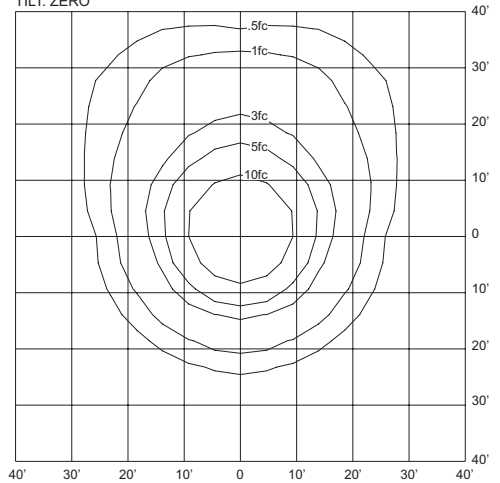
WLZ2-CP (T2, 45W, 4000K)
IES: TYPE II VERY SHORT
MOUNTING HEIGHT: 10'
TILT: ZERO



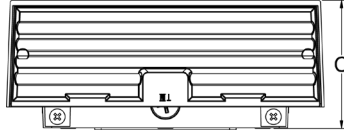
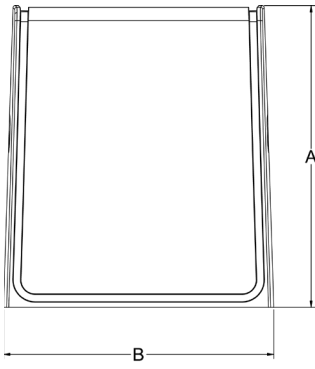
WLZ2-CP (T3, 45W, 4000K)
IES: TYPE III VERY SHORT
MOUNTING HEIGHT: 10'
TILT: ZERO



WLZ2-CP (T4, 45W, 4000K)
IES: TYPE IV VERY SHORT
MOUNTING HEIGHT: 10'
TILT: ZERO

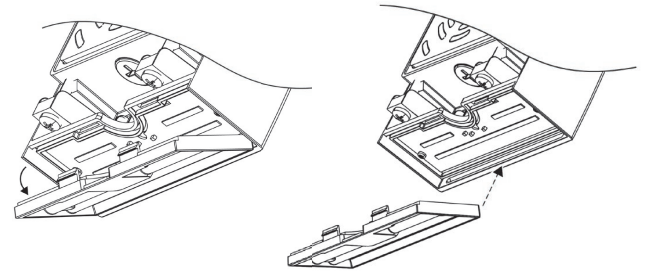


DIMENSIONS



Model	A	B	C
WLZ1-CP	7.1"	6.5"	2.9"
WLZ2-CP	8.5"	7.7"	3.4"
WLZ3-CP	10.8"	9.6"	3.9"
WLZ4-CP	13.0"	12.0"	3.9"

LENS INSTALLATION DETAIL



PERFORMANCE DATA

Model	Wattage	CCT	Distribution	Lumens	LPW	BUG Rating	CRI
WLZ1-CP (T2, 10W, 4000K)	10W	4000K	Type II	1,518lm	157 lm/W	B1-U0-G1	80
WLZ1-CP (T3, 10W, 4000K)	10W	4000K	Type III	1,466lm	152 lm/W	B1-U0-G1	80
WLZ1-CP (T4, 10W, 4000K)	10W	4000K	Type IV	1,441lm	150 lm/W	B1-U0-G1	80
WLZ1-CP (T2, 15W, 4000K)	15W	4000K	Type II	2,053lm	151 lm/W	B1-U0-G1	80
WLZ1-CP (T3, 15W, 4000K)	15W	4000K	Type III	1,965lm	145 lm/W	B1-U0-G1	80
WLZ1-CP (T4, 15W, 4000K)	15W	4000K	Type IV	1,960lm	144 lm/W	B1-U0-G1	80
WLZ1-CP (T2, 18W, 4000K)	18W	4000K	Type II	2,609lm	147 lm/W	B1-U0-G1	80
WLZ1-CP (T3, 18W, 4000K)	18W	4000K	Type III	2,504lm	142 lm/W	B1-U0-G1	80
WLZ1-CP (T4, 18W, 4000K)	18W	4000K	Type IV	2,481lm	140 lm/W	B1-U0-G1	80
WLZ2-CP (T2, 25W, 4000K)	25W	4000K	Type II	3,759lm	164 lm/W	B2-U0-G1	80
WLZ2-CP (T3, 25W, 4000K)	25W	4000K	Type III	3,761lm	164 lm/W	B2-U0-G1	80
WLZ2-CP (T4, 25W, 4000K)	25W	4000K	Type IV	3,681lm	161 lm/W	B2-U0-G1	80
WLZ2-CP (T2, 35W, 4000K)	35W	4000K	Type II	5,141lm	163 lm/W	B2-U0-G1	80
WLZ2-CP (T3, 35W, 4000K)	35W	4000K	Type III	5,097lm	161 lm/W	B2-U0-G1	80
WLZ2-CP (T4, 35W, 4000K)	35W	4000K	Type IV	5,025lm	159 lm/W	B2-U0-G1	80
WLZ2-CP (T2, 45W, 4000K)	45W	4000K	Type II	6,871lm	159 lm/W	B2-U0-G1	80
WLZ2-CP (T3, 45W, 4000K)	45W	4000K	Type III	6,472lm	151 lm/W	B2-U0-G1	80
WLZ2-CP (T4, 45W, 4000K)	45W	4000K	Type IV	6,524lm	152 lm/W	B2-U0-G1	80
WLZ3-CP (T2, 50W, 4000K)	50W	4000K	Type II	8,295lm	170 lm/W	B3-U0-G1	80
WLZ3-CP (T3, 50W, 4000K)	50W	4000K	Type III	8,397lm	172 lm/W	B3-U0-G1	80
WLZ3-CP (T4, 50W, 4000K)	50W	4000K	Type IV	8,246lm	171 lm/W	B3-U0-G1	80
WLZ3-CP (T2, 65W, 4000K)	65W	4000K	Type II	10,346lm	166 lm/W	B3-U0-G1	80
WLZ3-CP (T3, 65W, 4000K)	65W	4000K	Type III	10,459lm	169 lm/W	B3-U0-G1	80
WLZ3-CP (T4, 65W, 4000K)	65W	4000K	Type IV	10,344lm	167 lm/W	B3-U0-G1	80
WLZ3-CP (T2, 80W, 4000K)	80W	4000K	Type II	12,437lm	163 lm/W	B3-U0-G1	80
WLZ3-CP (T3, 80W, 4000K)	80W	4000K	Type III	12,294lm	161 lm/W	B3-U0-G1	80
WLZ3-CP (T4, 80W, 4000K)	80W	4000K	Type IV	12,127lm	158 lm/W	B3-U0-G1	80
WLZ4-CP (T2, 90W, 4000K)	90W	4000K	Type II	14,228lm	167 lm/W	B3-U0-G2	80
WLZ4-CP (T3, 90W, 4000K)	90W	4000K	Type III	14,156lm	168 lm/W	B3-U0-G2	80
WLZ4-CP (T4, 90W, 4000K)	90W	4000K	Type IV	14,022lm	165 lm/W	B3-U0-G2	80
WLZ4-CP (T2, 110W, 4000K)	110W	4000K	Type II	17,230lm	163 lm/W	B3-U0-G2	80
WLZ4-CP (T3, 110W, 4000K)	110W	4000K	Type III	17,295lm	163 lm/W	B3-U0-G2	80
WLZ4-CP (T4, 110W, 4000K)	110W	4000K	Type IV	16,995lm	160 lm/W	B3-U0-G2	80
WLZ4-CP (T2, 130W, 4000K)	130W	4000K	Type II	19,123lm	153 lm/W	B3-U0-G2	80
WLZ4-CP (T3, 130W, 4000K)	130W	4000K	Type III	19,026lm	152 lm/W	B3-U0-G2	80
WLZ4-CP (T4, 130W, 4000K)	130W	4000K	Type IV	18,696lm	150 lm/W	B3-U0-G2	80

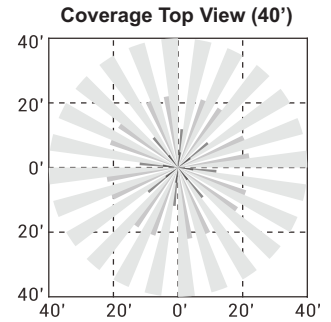
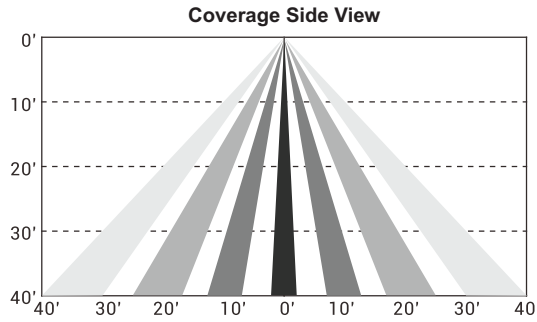
Sensor Details - Bluetooth Enabled (Accessories LE-MS3W-KIT-XX-A) [Click here for sensor details](#)



LE-MS3W-XX-AUX-HB1



LE-ADAPTER-XX-AUX



SEE APP FOR
SENSOR SETTINGS

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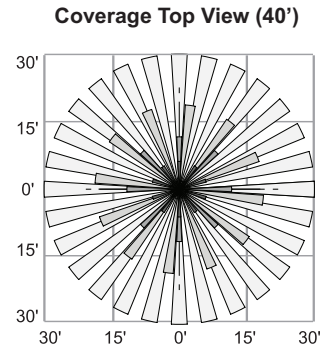
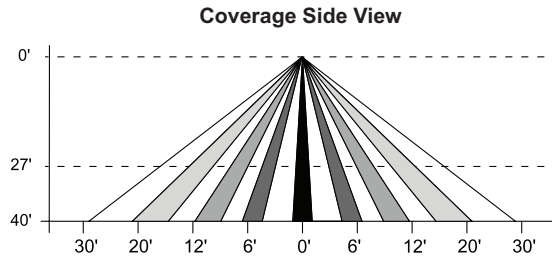
Sensor Details (Accessories SC-MSP12-KIT-XX-A and TL-MSSW-REMOTE)



TL-MSP12-XX



TL-ARM-AUX-XX



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	10Lux, 30Lux, 50Lux, 100Lux, 300Lux, 500Lux (DEFAULT disabled)
STANDBY DIM SETTING	0%, 10%, 30%, 50% (DEFAULT 30%)
STANDBY TIME SETTING (TO OFF)	1min, 30min, 60min (DEFAULT 30min)



TL-MSSW-REMOTE Accessory
(Sold Separately)