

Performance Overview:

- Wattage: 90
- Lumen Output: Up to 12,989 Lumens
- Efficacy (lm/W): Up to 145 Lumens per Watt
- Kelvin: 3000K, 4000K, 5000K
- Protection: Standard 10kV Surge Protection
- CRI: >80



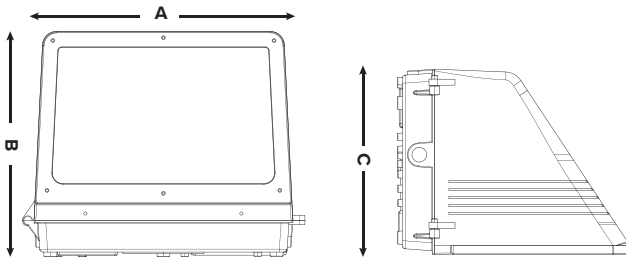
Project: _____ Date: _____

Catalog #: _____

Notes: _____

Key Features & Benefits:

- 10kV surge protection standard
- 1-10V dimming
- Occupancy sensor and photocell capable
- Easy installation with built-in level and driver disconnect
- Available in White and Bronze finish



SYSTEM WATTS	DIMENSIONS			WEIGHT
	A	B	C	Pounds (lbs)
45	14.3"	11.4"	9.2"	7.06
60	14.3"	11.4"	9.2"	7.06
90	14.3"	11.4"	9.2"	10.36
120	14.3"	11.4"	9.2"	10.36

Ordering Guide:

ESL	FCWP	90W	1			
ESL	TYPE	WATTS	GENERATION	KELVIN	VOLTAGE	FINISH*
	Full Cut Off Wall Pack	90W	1 (1st Generation)	30 (3000 Kelvin) 40 (4000 Kelvin) 50 (5000 Kelvin)	Blank HV (High Voltage)	Blank (Bronze) WH (White) XX (Any color)

*Contact Factory for custom finish options

Options & Accessories (Order Separately)

Emergency BBU:	Sensors:
ESL-EMG-BBU (Emergency BBU, 1100 Lumens, 90 min Backup, 120-277 VAC, Factory Installed)	ESL-WP-PC (Wall Pack Photocell, Factory Installed)
	ESL-4OCC-LDD (Occupancy Sensor, 0-10V Dimming, 8' - 20' Mounting, Factory Installed)
	ESL-REM-100 (Hand Held Remote to Control ESL-4OCC-LDD)

Options & Accessories:



ESL-4OCC-LDD

Sensor Type: Microwave
 Sensitivity Adjustment: 20% / 50% / 75% / 100%
 Dimming Control Output: 0-10V
 Detection Radius/angle: Max. 26ft/360°
 Detection Area (square footage): 2123ft²@20ft/360°
 Mounting Height: 20ft Max
 Remote Range: 50ft
 Programming: Via Dip Switch

For more information please see the
 ESL-4OCC-LDD cut sheet

ESL-EMG-2DC-9W

Output Power: 9 Watts
 Rated Voltage: 100-277 VAC, 50-60Hz
 Emergency Operation: ≥90 Minutes
 Charging Time: 24 Hours
 2-Wire Illumination Test Switch
 High Temperature, Knickel-Cadium Battery
 RoHS Compliant
 UL 924, CSA C.22.2 No. 141-15, CEC Title 20

For more information please see the
 ESL-4OCC-LDD cut sheet

ESL-REM-100



ESL-WP-PC

Catalog Data:

ESL	TYPE	WATTAGE	GENERATION	KELVIN									INPUT* VOLTAGE
				3000K (30)			4000K (40)			5000K (50)			
				LUMENS	LPW	DLC QPL	LUMENS	LPW	DLC QPL	LUMENS	LPW	DLC QPL	
ESL-FCWP-45W				6,547	143	POQRQ95F	6,566	141	P2FJDS54	6,688	142	PYK05NEP	(BLANK)

ESL	TYPE	WATTAGE	GENERATION	KELVIN									INPUT* VOLTAGE
				3000K (30)			4000K (40)			5000K (50)			
				LUMENS	LPW	DLC QPL	LUMENS	LPW	DLC QPL	LUMENS	LPW	DLC QPL	
ESL-FCWP-60W				8,905	146	PZICMTQR	8,939	144	PVROFBN1	9,019	144	P8B84CG3	(BLANK)
				8,905	146	PZICMTQR	8,939	144	PVROFBN1	9,019	144	P8B84CG3	(HV)

ESL	TYPE	WATTAGE	GENERATION	KELVIN									INPUT* VOLTAGE
				3000K (30)			4000K (40)			5000K (50)			
				LUMENS	LPW	DLC QPL	LUMENS	LPW	DLC QPL	LUMENS	LPW	DLC QPL	
ESL-FCWP-90W				12,814	145	PLXY5L14	12,902	143	PGCA3VT3	12,989	145	PIUGEBDW	(BLANK)
				12,814	145	PLXY5L14	12,902	143	PGCA3VT3	12,989	145	PIUGEBDW	(HV)

ESL	TYPE	WATTAGE	GENERATION	KELVIN									INPUT* VOLTAGE
				3000K (30)			4000K (40)			5000K (50)			
				LUMENS	LPW	DLC QPL	LUMENS	LPW	DLC QPL	LUMENS	LPW	DLC QPL	
ESL-FCWP-120W				16,722	143	P2KYO0P6	16,837	141	P5D5EHU1	17,090	142	P4TY7QMS	(BLANK)
				16,722	143	P2KYO0P6	16,837	141	P5D5EHU1	17,090	142	P4TY7QMS	(HV)

* Input Voltage: (Blank) = 120-277 VAC, (HV) = 277-480 VAC

Construction:

- Die Cast Aluminum Housing
- High Performance Heat Sink
- Weathertight LED Driver Housing
- Continuous Gasket Seal
- LEDs Mounted to and Protected by Aluminum Housing with Easy Driver Access Hinged Door

Optical:

- Precision Engineered Optical Lens:
 - Consistent Uniformity
 - Impact Resistant
 - UV Protection

Electrical:

- Input Voltage Options: 120-277 VAC, 277-480 VAC
- Life: >50,000 hours
- Dimming: 1-10V Dimmable
- 10kV Surge Protection

Lumen Ambient Temperature (LAT) Multipliers:

AMBIENT		LUMEN MULTIPLIER
0 °C	32 °F	1.02
10 °C	50 °F	1.01
20 °C	68 °F	1
25 °C	77 °F	1
30 °C	86 °F	1
40 °C	104 °F	0.99
50 °C	122 °F	0.96

Driver Summary:

SYSTEM WATTS	OUTPUT CURRENT	OUTPUT POWER
45	900 mA	35-52 VDC
60	1200 mA	30-50 VDC
90	1700 mA	35-52 VDC
120	2300 mA	35-52 VDC

Electrical Load - Standard Voltage:

SYSTEM WATTS	INPUT CURRENT				INPUT VOLTAGE	INPUT FREQUENCY	POWER FACTOR	THD	OPERATING TEMPERATURE	SURGE PROTECTION	DIMMING
	120 VAC	208 VAC	240 VAC	277 VAC							
45	0.38	0.22	0.19	0.16	120-277 VAC	50/60 Hz	>0.98 @120 VAC >0.90 @277 VAC	<20%	-40°F to 131°F (-40°C to 55°C)	Independent 10kV SPD	1-10V
60	0.50	0.29	0.25	0.22							
90	0.75	0.43	0.38	0.32							
120	1.00	0.58	0.50	0.43							

Electrical Load - High Voltage:

SYSTEM WATTS	INPUT CURRENT			INPUT VOLTAGE	INPUT FREQUENCY	POWER FACTOR	THD	OPERATING TEMPERATURE	SURGE PROTECTION	DIMMING
	277 VAC	347 VAC	480 VAC							
60	0.22	0.17	0.13	277-480 VAC	50/60 Hz	>0.90 @277 VAC >0.96 @480 VAC	<15% @277 VAC, <20% @480 VAC	-40°F to 158°F (-40°C to 70°C)	Independent 10kV SPD	1-10V
90	0.32	0.26	0.19							
120	0.43	0.35	0.25							