LED 840 TROFFER RETROFIT SERIES

ESL-CSS-840-24-2535W-3550K

Key Features & Benefits:

- Kelvin and Wattage Selectable
- Slim Design For Multiple Applications
- Standard 0–10V Continuous Dimming
- Integrated Occupancy Sensor Capable

Project: Date:

Catalog #:

Notes:

Product Specifications:

Selectable Wattage: 25W—30W—35W
Selectable Kelvin: 3500K—4000K—5000K
Lumens: 4,445 lm
Efficacy: 127 lm/W
Input Voltage Options: 120–277 VAC
Input Frequency: 50/60 Hz
Operating Temperature: -4°F to 104°F (-20°C to 40°C)
Dimming: 0–10V
CRI: >80
Beam Angle: 110°
Warranty: 5 Years
L70 Lifetime 100,000 Hours calculated per TM21
Dimensions: 23.7″ x 47.8″ x 3.1″



5 YEAR WARRANTY | CERTIFIED | DLC LISTED PREMIUM | DIMMABLE 0–10V — DIM TO OFF | DAMP LOCATION | 3CCT SELECTABLE KELVIN | MULTI-WATT SELECTABLE WATTAGE

Ordering Guide:

ESL	-	FAMILY	-	TYPE	-	SIZE	-	WATTAGE	-	SELECTABLE KELVIN	-	OPTIONS
ESL	-	CSS	-	840	-	24	-	2535W	-	3550K	-	
		(CSS) Contractor Series Selectable		(840) Troffer Retrofit		(24) 2x4		(2530W) 25W—30W—35W		(3550K) 3500K—4000K—5000K		

FACTORY INSTALLED OPTIONS	
EM5	Emergency backup battery unit, auto test function, 5 watts output, 90 minutes minimum, 120–277 VAC input, 20–250 VDC output, closed lead wiring, UL listed for factory or field install
EM9	Emergency backup battery unit, auto test function, 9 watts output, 90 minutes minimum, 120–277 VAC input, 10–300 VDC output, open terminal block wiring, UL listed for factory or field install, title 20
2DHOC	Stand alone daylight harvesting and occupancy sensor. Program with dip switch or REM-100

Catalog Data:

ITEM#	SELECTABLE WATTAGE	SELECTABLE KELVIN	MAX LUMEN OUTPUT	MAX EFFICACY (lm/w)	INPUT VOLTAGE
2x2 SINGLE BASKET RETROFIT KIT — 2 FIXTURES PER BOX					
ESL-CSS-840-22-2030W-3550K	20W—25W—30W	3500K—4000K—5000K	3,810	127	120–277 VAC
2x4 SINGLE BASKET RETROFIT KIT — 2 FIXTURES PER BOX					
ESL-CSS-840-24-2535W-3550K	25W—30W—35W	3500K—4000K—5000K	4,445	127	120–277 VAC

†Not All Part Numbers DLC Qualified. For a Complete Listing Please Consult the DLC Qualified Products List (QPL).

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ESL-CSS-840-24-2535W-3550K

Electrical Load — Standard Voltage:

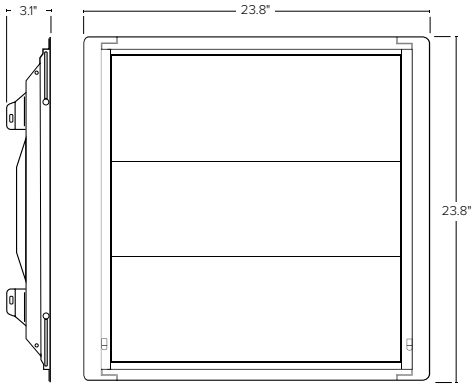
SYSTEM WATTS	INPUT CURRENT 120 VAC	208 VAC	240 VAC	277 VAC	INPUT WATTAGE	INPUT FREQUENCY	POWER FACTOR	THD	OPERATING TEMPERATURE	DIMMING
25	0.21	0.12	0.10	0.09	120–277 VAC	50/60 Hz	>0.9	<20%	-4°F to 104°F (-20°C to 40°C)	0–10V Dimming
30	0.25	0.14	0.13	0.11	120–277VAC	50/60 Hz	>0.9	<20%	-4°F to 104°F (-20°C to 40°C)	0–10V Dimming
35	0.29	0.17	0.15	0.13	120–277VAC	50/60 Hz	>0.9	<20%	-4°F to 104°F (-20°C to 40°C)	0–10V Dimming
45	0.38	0.22	0.19	0.16	120–27 7VAC	50/60 Hz	>0.9	<20%	-4°F to 104°F (-20°C to 40°C)	0–10V Dimming

Lumen Ambient Temperature (LAT) Multipliers:

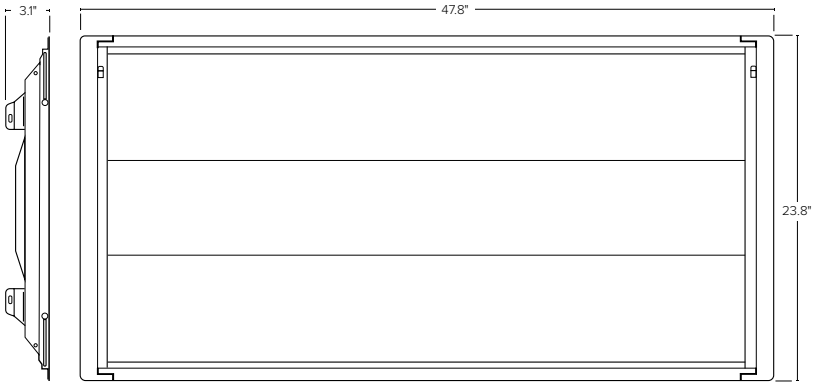
AMBIENT		LUMEN MULTIPLIER
0 °C	32 °F	1.02
10 °C	50 °F	1.01
20 °C	68 °F	1.00
25 °C	77 °F	1.00
30 °C	86 °F	1.00
40 °C	104 °F	0.99
50 °C	122 °F	0.96

Dimensions:

2x2
ESL-CSS-840-22-2030W-3550K



2x4
ESL-CSS-840-24-2535W-3550K



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