

Key Features & Benefits:

- IntelliSense™ Sensor Enabled
- Wattage and Kelvin Selectable
- Slim Design for Multiple Applications
- 0–10V Dimming
- Back Lit for Uniform Lighting

Project: _____

Date: _____

Catalog #: _____

Notes: _____

Product Specifications:

Selectable Wattage: 30W–40W–50W
 Selectable Kelvin: 3500K–4000K–5000K
 Lumens: Up to 6,650
 Efficacy: Up to 154 lm/W
 Input Voltage: 120–277 VAC
 Input Frequency: 50/60 Hz
 Operating Temperature: -4°F to 122°F (-20°C to 50°C)
 Dimming: 0–10V
 CRI: >80
 Warranty: 5 Years
 L70 Lifetime 100,000 Hours calculated per TM21
 Dimensions (LxWxH): 47.68" x 23.74" x 1.42"
 Weight (lbs): 9.22



Ordering Guide:

ESL	FAMILY	TYPE	SIZE	SELECTABLE WATTAGE	SELECTABLE KELVIN	OPTIONS
ESL	ISS <small>(ISS) IntelliSense™ Series</small>	620 <small>(620) Backlit Panel</small>	24 <small>(24) 2x4</small>	3050W <small>(3050W) 30W–40W–50W</small>	3550K <small>(3550K) 3500K–4000K–5000K</small>	

FACTORY INSTALLED OPTIONS

EM15 Emergency backup battery unit, auto test function, 15 watts output, 90 minutes, 100-347 VAC input, 170 VDC output, enclosed box, UL listed for factory or field install, lithium battery

FIELD INSTALLED ACCESSORIES

ESL-ACCS-14-SMK-02	Surface mount kit for 1x4
ESL-ACCS-22-SMK-02	Surface mount kit for 2x2
ESL-ACCS-24-SMK-02	Surface mount kit for 2x4
ESL-ACCS-14-FLK-01	Flange mount kit for 1x4
ESL-ACCS-22-FLK-01	Flange mount kit for 2x2
ESL-ACCS-24-FLK-01	Flange mount kit for 2x4
ESL-ACCS-ACHK-S2	10 foot air craft cable mount

FIELD INSTALLED SENSORS

ESL-ISS-SSEN-01	SoloSense™ – plug and play 4 wire stand alone PIR + daylight harvesting sensor for 600 series
ESL-ISS-MSEN-01	MultiSense™ – plug and play 4 wire network PIR + daylight harvesting sensor 600 series



ESL-ISS-MSEN-01

MultiSense™ – PIR & Daylight Harvesting Sensor

- Bluetooth network lighting control
- Wireless commissioning
- Wireless zoning/grouping
- High & low trim capable
- Occupancy sensing
- LLLC capable
- Vacancy sensing
- Daylight harvesting
- Scene & zone control



ESL-ISS-SSEN-01

SoloSense™ – PIR & Daylight Harvesting Sensor

- Stand alone lighting control
- Occupancy sensing
- Vacancy sensing
- Daylight harvesting

FIELD INSTALLED MULTISENSE™ ACCESSORIES

ESL-ISS-PP-01	MultiSense™ network zone controller AC 120–277 VAC 20A
ESL-ISS-WS-B3B-01	MultiSense™ network wall switch battery powered 3 buttons
ESL-ISS-WS-A3B-01	MultiSense™ network wall switch AC powered 3 buttons
ESL-ISS-WS-B8B-01	MultiSense™ network wall switch battery powered 3 buttons
ESL-ISS-EMG-LC-01	MultiSense™ network AC emergency lighting controller 120–277 VAC UL924
ESL-ISS-MSEN-ACS-01	MultiSense™ network PIR ceiling sensor 120–277 VAC input 8A
ESL-ISS-MSEN-ACS-02	MultiSense™ network ceiling sensor dual mode PIR & ultrasonic 120–277 VAC
ESL-ISS-MSEN-BCS-01	MultiSense™ network ceiling sensor PIR & daylight harvesting battery power
ESL-ISS-GTW-01	MultiSense™ network ceiling sensor real time clock & energy monitoring dongle

Catalog Data:

ITEM#	SELECTABLE WATTAGE	SELECTABLE KELVIN	MAX LUMEN OUTPUT	MAX EFFICACY (lm/w)	DIMENSIONS (LxWxH)
ESL-ISS-620-14-2040W-3550K	20W–30W–40W	3500K–4000K–5000K	5,180	143	47.68" x 11.85" x 1.42"
ESL-ISS-620-22-2040W-3550K	20W–30W–40W	3500K–4000K–5000K	5,140	143	23.74" x 23.74" x 1.42"
ESL-ISS-620-24-3050W-3550K	30W–40W–50W	3500K–4000K–5000K	6,650	154	47.68" x 23.74" x 1.42"

Electrical Load — Standard Voltage:

SYSTEM WATTS	INPUT CURRENT				INPUT WATTAGE	INPUT FREQUENCY	POWER FACTOR	THD	OPERATING TEMPERATURE	DIMMING
	120 VAC	208 VAC	240 VAC	277 VAC						
25	0.21	0.12	0.10	0.09	120–277 VAC	50/60 Hz	>0.9	<15%	-4°F to 122°F (-20°C to 50°C)	0–10V Dimming
30	0.25	0.14	0.13	0.11	120–277 VAC	50/60 Hz	>0.9	<15%	-4°F to 122°F (-20°C to 50°C)	0–10V Dimming
40	0.33	0.19	0.17	0.14	120–277 VAC	50/60 Hz	>0.9	<15%	-4°F to 122°F (-20°C to 50°C)	0–10V Dimming
50	0.42	0.24	0.21	0.18	120–277 VAC	50/60 Hz	>0.9	<15%	-4°F to 122°F (-20°C to 50°C)	0–10V Dimming

Lumen Data: 1x4

ESL-ISS-620-14-2040W-3550K

SELECTABLE WATTAGE	SELECTABLE KELVIN	MAX LUMEN OUTPUT	ACTUAL WATTAGE	MAX EFFICACY (lm/W)
20W	3500K	2,642	20	134
	4000K	2,737	19	143
	5000K	2,733	20	139
30W	3500K	3,823	30	128
	4000K	4,016	29	139
	5000K	3,943	30	132
40W	3500K	4,891	40	123
	4000K	5,185	38	135
	5000K	5,084	40	127

Lumen Data: 2x2

ESL-ISS-620-22-2040W-3550K

SELECTABLE WATTAGE	SELECTABLE KELVIN	MAX LUMEN OUTPUT	ACTUAL WATTAGE	MAX EFFICACY (lm/W)
20W	3500K	2,365	19	135
	4000K	2,711	19	143
	5000K	2,636	19	139
30W	3500K	3,819	29	130
	4000K	3,988	28	140
	5000K	3,898	29	133
40W	3500K	4,874	39	124
	4000K	5,143	38	136
	5000K	4,988	39	127

Lumen Data: 2x4

ESL-ISS-620-24-3050W-3550K

SELECTABLE WATTAGE	SELECTABLE KELVIN	MAX LUMEN OUTPUT	ACTUAL WATTAGE	MAX EFFICACY (lm/W)
20W	3500K	4,061	28	144
	4000K	4,245	28	154
	5000K	4,213	28	149
30W	3500K	5,209	38	138
	4000K	5,465	37	150
	5000K	5,361	37	143
40W	3500K	6,311	47	133
	4000K	6,654	46	145
	5000K	6,501	47	137

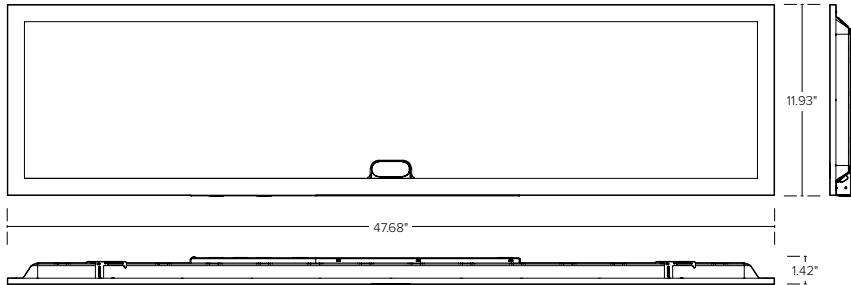
Lumen Ambient Temperature (LAT) Multipliers:

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:

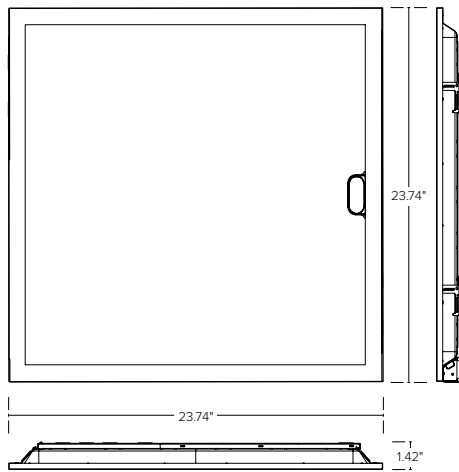
1x4

ESL-ISS-620-14-2040W-3550K



2x2

ESL-ISS-620-22-2040W-3550K



2x4

ESL-ISS-620-24-3050W-3550K

