

Key Features & Benefits:

- Kelvin and Wattage Selectable
- Self-Contained LED and Lens for Easy Install
- 0–10V Continuous Dimming
- 3/4" Knockouts on Both Sides for Continuous-Run Mounting
- IntelliSense™ Quick Connect for Either:
 - Stand Alone Controls (SoloSense™)
 - Network Controls (MultiSense™)

Project: _____

Date: _____

Catalog #: _____

Notes: _____



Product Specifications:

Selectable Wattage: 38W–46W–54W
 Selectable Kelvin: 3500K–4000K–5000K
 Lumens: Up to 7,020
 Efficacy: Up to 130 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
 Beam Angle: 110°
 Warranty: 5 Years
 L70 Lifetime 100,000 Hours calculated per TM21
 Dimensions (LxWxH): 94.2" x 2.8" x 2.3"
 Weight (lbs): 8.49



Ordering Guide:

ESL	FAMILY	TYPE	SIZE	SELECTABLE WATTAGE	SELECTABLE KELVIN	OPTIONS
ESL	ISS <small>(ISS) IntelliSense™ Series</small>	601 <small>(601) Decorative Strip</small>	8 <small>(8) 8 Foot</small>	3854W <small>(3854W) 38W–46W–54W</small>	3550K <small>(3550K) 3500K–4000K–5000K</small>	

FIELD INSTALLED OPTIONS

EM5	Emergency backup battery unit, auto test function, 5 watts output, 90 minutes minimum, 120–277 VAC input, 20–50 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

FIELD INSTALLED ACCESSORIES

ESL-ACCS-WG-2FT-01	601 strip wire guard for 2 foot
ESL-ACCS-WG-4FT-01	601 strip wire guard for 4 foot and 8 foot
ESL-ACCS-JCVH-3FT-S2	V-hook with chains, set of 2, 3 feet
ESL-ACCS-JCVH-3FT-S3	V-hook with chains set of 3, 3 feet
ESL-ACCS-AC-10FT-S2	3M adjustable aircraft cable kit, set of 2, 10 feet
ESL-ACCS-AC-10FT-S3	3M adjustable aircraft cable kit, set of 3, 10 feet
ESL-ACCS-CRA-01	Connecting piece for runs

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)	DLC QPL CODE
ESL-ISS-601-4-1830W-3550K	18W–25W–30W	3500K–4000K–5000K	3,900	130	47.3" x 2.8" x 2.3"	Pending
ESL-ISS-601-4-3445W-3550K	34W–38W–45W	3500K–4000K–5000K	5,850	130	47.3" x 2.8" x 2.3"	Pending
ESL-ISS-601-8-3854W-3550K	38W–46W–54W	3500K–4000K–5000K	7,020	130	94.2" x 2.8" x 2.3"	Pending
ESL-ISS-601-8-6590W-3550K	65W–75W–90W	3500K–4000K–5000K	11,700	130	94.2" x 2.8" x 2.3"	Pending

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

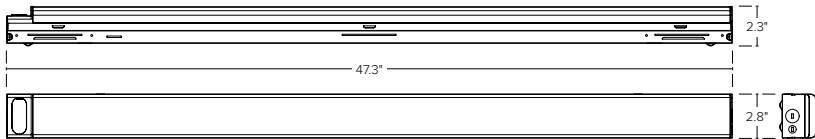
Electrical Load — Standard Voltage:

SYSTEM WATTS	INPUT CURRENT				INPUT WATTAGE	INPUT FREQUENCY	POWER FACTOR	THD	OPERATING TEMPERATURE	DIMMING
	120 VAC	208 VAC	240 VAC	277 VAC						
18	0.15	0.09	0.08	0.06	120–277 VAC	50/60 Hz	>0.9	<15%	-4°F to 122°F (-20°C to 50°C)	0–10V Dimming
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
34	0.28	0.16	0.14	0.12	120–277 VAC	50/60 Hz	>0.9	<15%	-4°F to 122°F (-20°C to 50°C)	0–10V Dimming
38	0.32	0.18	0.16	0.14	120–277 VAC	50/60 Hz	>0.9	<15%	-4°F to 122°F (-20°C to 50°C)	0–10V Dimming
45	0.38	0.22	0.19	0.16	120–277 VAC	50/60 Hz	>0.9	<15%	-4°F to 122°F (-20°C to 50°C)	0–10V Dimming
46	0.38	0.22	0.19	0.17	120–277 VAC	50/60 Hz	>0.9	<15%	-4°F to 122°F (-20°C to 50°C)	0–10V Dimming
54	0.45	0.26	0.23	0.19	120–277 VAC	50/60 Hz	>0.9	<15%	-4°F to 122°F (-20°C to 50°C)	0–10V Dimming
65	0.54	0.31	0.27	0.23	120–277 VAC	50/60 Hz	>0.9	<15%	-4°F to 122°F (-20°C to 50°C)	0–10V Dimming
75	0.63	0.36	0.31	0.27	120–277 VAC	50/60 Hz	>0.9	<15%	-4°F to 122°F (-20°C to 50°C)	0–10V Dimming
90	0.75	0.43	0.38	0.32	120–277 VAC	50/60 Hz	>0.9	<15%	-4°F to 122°F (-20°C to 50°C)	0–10V Dimming

Dimensions:

4 FOOT STRIP

ESL-ISS-601-4-1830W-3550K &
ESL-ISS-601-4-3445W-3550K



8 FOOT STRIP

ESL-ISS-601-8-3854W-3550K &
ESL-ISS-601-8-6590W-3550K

