ESL VISION

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: _____

INTELLISENSE™

Product Specifications:

Selectable Wattage: 20W—30W—40W
Selectable Kelvin: 3500K—4000K—5000K
Lumens: Up to 5,600
Efficacy: Up to 140 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): 47.64" x 3.15" x 2.68"
Weight (lbs): 3.86

5 YEAR WARRANTY | **DLC LISTED™** | **UL CERTIFIED** | **DIMMABLE 0–10V** | **DAMP LOCATION** | **3CCT SELECTABLE KELVIN** | **MULTI-WATT SELECTABLE WATTAGE**

Ordering Guide:

ESL	-	FAMILY	-	TYPE	-	SIZE	-	SELECTABLE WATTAGE	-	SELECTABLE KELVIN	-	OPTIONS
ESL	-	ISS	-	601	-	4	-	2040W	-	3550K	-	
		(ISS) IntelliSense™ Series		(601) Decorative Strip		(4) 4 Foot		(2040W) 20W–30W–40W		(3550K) 3500K–4000K–5000K		

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

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-MSEN-01

SoloSense™– PIR & Daylight Harvesting Sensor
- Stand alone lighting control
- Occupancy sensing
- Vacancy sensing
- Daylight harvesting

ESL-ISS-SSEN-01

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-601-2-1525W-3550K	15W–20W–25W	3500K–4000K–5000K	3,500	140	24.0" x 3.15" x 2.68"	Linear Ambient: S-121T04
ESL-ISS-601-4-2040W-3550K	20W–30W–40W	3500K–4000K–5000K	5,600	140	47.64" x 3.15" x 2.68"	Linear Ambient: S-K32V2G High Bay Luminaires: S-WLPL4W
ESL-ISS-601-8-3055W-3550K	30W–40W–55W	3500K–4000K–5000K	7,700	140	94.8" x 3.15" x 2.68"	Linear Ambient: S-WS3BDZ High Bay Luminaires: S-JR5X5Y
ESL-ISS-601-8-70100W-3550K	70W–85W–100W	3500K–4000K–5000K	14,000	140	94.8" x 3.15" x 2.68"	Linear Ambient: S-T2J15G High Bay Luminaires: S-GW0P1Y

Lumen Data: 2 FOOT

ESL-ISS-601-2-1525W-3550K

SELECTABLE WATTAGE	SELECTABLE KELVIN	MAX LUMEN OUTPUT	ACTUAL WATTAGE	MAX EFFICACY (lm/W)
25W	3500K	3,674	26	141
	4000K	3,914	25	157
	5000K	3,834	26	146
20W	3500K	3,071	21	145
	4000K	3,252	20	160
	5000K	3,166	21	151
15W	3500K	2,412	16	149
	4000K	2,538	16	162
	5000K	2,484	16	155

Lumen Data: 4 FOOT

ESL-ISS-601-4-2040W-3550K

SELECTABLE WATTAGE	SELECTABLE KELVIN	MAX LUMEN OUTPUT	ACTUAL WATTAGE	MAX EFFICACY (lm/W)
40W	3500K	5,514	39	141
	4000K	5,760	37	155
	5000K	5,609	39	145
30W	3500K	4,194	29	145
	4000K	4,442	28	159
	5000K	4,317	29	151
20W	3500K	2,859	19	149
	4000K	2,992	19	161
	5000K	2,928	19	155

Lumen Data: 8 FOOT

ESL-ISS-601-8-3055W-3550K

SELECTABLE WATTAGE	SELECTABLE KELVIN	MAX LUMEN OUTPUT	ACTUAL WATTAGE	MAX EFFICACY (lm/W)
55W	3500K	7,715	55	141
	4000K	8,289	53	157
	5000K	7,989	55	147
40W	3500K	5,720	39	146
	4000K	5,975	37	160
	5000K	5,842	39	151
30W	3500K	4,337	29	150
	4000K	4,525	28	162
	5000K	4,446	29	155

Lumen Data: 8 FOOT High Wattage

ESL-ISS-601-8-70100W-3550K

SELECTABLE WATTAGE	SELECTABLE KELVIN	MAX LUMEN OUTPUT	ACTUAL WATTAGE	MAX EFFICACY (lm/W)
100W	3500K	13,777	98	141
	4000K	14,967	95	157
	5000K	14,352	97	148
85W	3500K	12,289	84	146
	4000K	13,182	82	160
	5000K	12,726	84	151
70W	3500K	10,416	69	150
	4000K	10,909	67	162
	5000K	10,747	69	156

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:

2 FOOT STRIP
ESL-ISS-601-2-1525W-3550K

2.68"
24.0"
3.15"
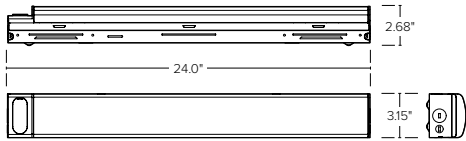
4 FOOT STRIP
ESL-ISS-601-4-2040W-3550K

2.68"
47.64"
3.15"
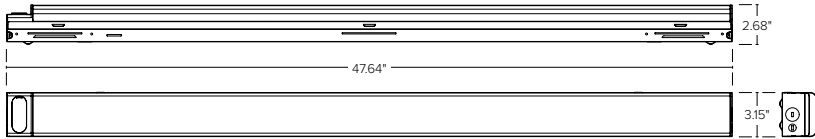
8 FOOT STRIP
ESL-ISS-601-8-3055W-3550K &
ESL-ISS-601-8-70100W-3550K

2.68"
94.8"
3.15"

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