

Key Features & Benefits:

- Kelvin & Wattage Selectable
- Optical Grade Polycarbonate Lens
- Durable Die-Cast Housing
- Standard 6' Cord
- Safety Cable
- Multiple Mounting Options
- Controls Ready for Network or Standalone Options
- 0–10V Dimming with 12V Aux
- 6kV Surge Protection
- IP65

Project:

Date:

Catalog #:

Notes:

Product Specifications:

Selectable Wattage: 100W–125W–150W
 Selectable Kelvin: 3500K–4000K–5000K
 Lumens: Up to 23,495
 Efficacy: Up to 157 lm/W
 Input Voltage: 120–277 VAC
 Input Frequency: 50/60 Hz
 Operating Temperature: -40°F to 122°F (-40°C to 50°C)
 Dimming: 0-10V Dimming with 12V Aux
 CRI: >80
 Warranty: 5 Years
 L70 Lifetime Calculated per TM21: 54,000 hrs
 Dimensions (ØxH): Ø11.02" x 4.45"
 Weight (lbs): 4.19



Ordering Guide:

ESL	-	TYPE	-	SELECTABLE WATTAGE	-	GENERATION	-	SELECTABLE KELVIN	-	OPTIONS
ESL	-	HFX	-	100150W	-	1	-	3550	-	
		(HFX) HaloFlex Series Round High Bays		(60100W) 60W–80W–100W (100150W) 100W–125W–150W (100200W) 100W–150W–200W (200300W) 200W–240W–300W		(1) 1st Generation		(3550) 3500K–4000K–5000K		Options Table on Page 2



FIELD INSTALLED ACCESSORIES

ESL-ACCS-CMA2	Conduit Mount for HaloFlex Round High Bays
ESL-RHB1-LOOP	Loop Mount for HaloFlex Round High Bays
ESL-ISS-SSEN-03	SoloSense™ – Stand Alone PIR + Daylight Sensor for Highbay
ESL-ISS-MSEN-03	MultiSense™ – Network PIR + Daylight Sensor for Highbay

FACTORY INSTALLED OPTIONS

EM25*	25W Emergency Backup Unit, Not Compatible with Any Sensors
CS3B6P	Cord Set, 3 Conductor, 18 Gauge, Black, 6 Foot Length, Straight Blade Plug
CS3B6TL5	Cord Set, 3 Conductor, 18 Gauge, Black, 6 Foot Length, Twist Lock, NEMA I5–15, 120 VAC
CS3B6TL6	Cord Set, 3 Conductor, 18 Gauge, Black, 6 Foot Length, Twist Lock, NEMA I6–15, 240 VAC
CS3B6TL7	Cord Set, 3 Conductor, 18 Gauge, Black, 6 Foot Length, Twist Lock, NEMA I7–15, 277 VAC

*If the fixture is ordered with the EM25 Option, it is incompatible with any sensors.



ESL-ISS-MSEN-03

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-03

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	EFFICACY (lm/W)	DLC QPL CODE
ESL-HFX-60100W-13550-BK-90D	60W–80W–100W	3500K–4000K–5000K	15,793	158	Pending
ESL-HFX-100150W-13550-BK-90D	100W–125W–150W		23,495	157	S-YZBBQQ
ESL-HFX-100200W-13550-BK-90D	100W–150W–200W		31,087	155	S-NC29BY
ESL-HFX-200300W-13550-BK-90D	200W–240W–300W		45,005	150	S-HWGFMI

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



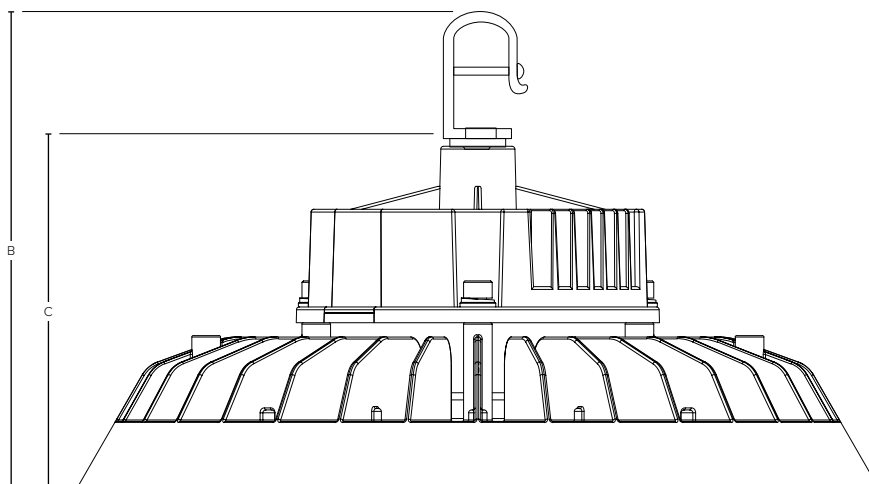
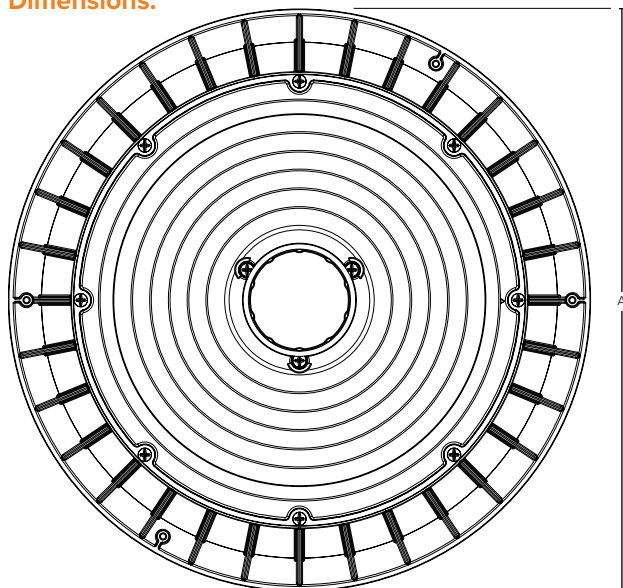
Electrical Load — Standard Voltage:

SYSTEM WATTS	INPUT CURRENT				INPUT VOLTAGE	INPUT FREQUENCY	POWER FACTOR	THD	OPERATING TEMPERATURE	SURGE PROTECTION	DIMMING
	120 VAC	208 VAC	240 VAC	277 VAC							
60	0.50	0.29	0.25	0.22	120–277 VAC	50/60 Hz	>0.95	<20%	-40°F to 122°F (-40°C to 50°C)	6kV	0–10V Dim to Off with 12V Aux
80	0.67	0.38	0.33	0.29							
100	0.83	0.48	0.42	0.36							
125	1.04	0.60	0.52	0.45							
150	1.25	0.72	0.63	0.54							
200	1.67	0.96	0.83	0.72							
300	2.50	1.25	1.25	1.08							

Lumen Data:

PART NUMBER	WATTAGE	KELVIN	LUMEN	LM/W
ESL-HFX-60100W-13550-BK-90D	100	3500K	14,458	145
	100	4000K	15,793	158
	100	5000K	14,910	149
ESL-HFX-100150W-13550-BK-90D	150	3500K	20,943	140
	150	4000K	23,495	157
	150	5000K	21,807	145
ESL-HFX-100200W-13550-BK-90D	200	3500K	27,958	140
	200	4000K	31,087	155
	200	5000K	28,799	144
ESL-HFX-100200W-13550-BK-90D	300	3500K	40,400	135
	300	4000K	45,005	150
	300	5000K	42,023	140

Dimensions:



ITEM#	A	B	C
ESL-HFX-60100W-13550-BK-90D	10.04"	5.55"	4.45"
ESL-HFX-100150W-13550-BK-90D	11.02"	5.55"	4.45"
ESL-HFX-100200W-13550-BK-90D	12.56"	6.02"	4.84"
ESL-HFX-200300W-13550-BK-90D	13.35"	6.81"	5.63"