

Performance Summary:

- Wattage: 105
- Lumens: Up to 14,280 Lumens
- Efficacy: Up to 136 Lumens per Watt
- Kelvin: 4000K, 5000K
- CRI: >82
- Mounting: Ships with V-Hooks and (2) 6' chain kits
- DLC Premium Listed
- Comes Standard with Shorting Cap for Easy Field Installation of Occupancy Sensors and/or Konex Wireless Networking



Project: _____ Date: _____

Catalog #: _____

Notes: _____



Product Specifications:

Optical:

- Semi-diffused PMMA lens for glare control

Construction:

- High performance aluminum heat sink

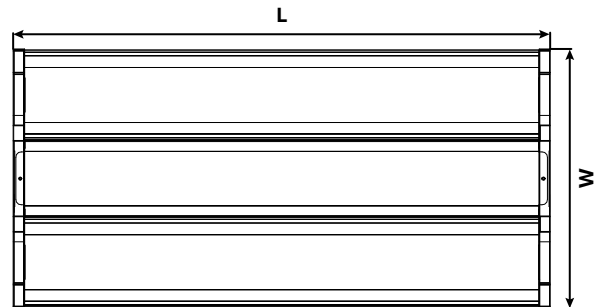
Mounting:

- Ships with V-Hooks and (2) 6' chain kits
- Other mounting available in accessories

Electrical:

- Input Voltage: 120-277 VAC
- Power Factor @120 VAC - 0.98%, @277 VAC - 0.90%
- THD @120 VAC <9%, @277 VAC <9%
- Operating Temperature: -4°F to 131°F (-20°C to 55°C)
- 12V AUX
- 0-10V Dimmable
- Konex Network Sensors Available

SYSTEM WATTS	DIMENSIONS			WEIGHT Pounds (lbs)
	L	W	H	
65	24.8"	15"	2.16"	10.36
105	24.8"	15"	2.16"	10.36
155	24.8"	15"	2.16"	10.36
210	24.8"	18.9"	2.16"	11.24
300	46.5"	18.9"	2.16"	19.84



Ordering Guide:

ESL	LHB	2	105W	3		
ESL	TYPE	SIZE	WATTAGE	GENERATION	KELVIN	OPTIONS*
	LHB (Lensed High Bay)	2 (2'x2')	105W (105 Watts)	3 (3rd Generation)	40 (4000 Kelvin) 50 (5000 Kelvin)	FACTORY INSTALLED

*Options (Factory Installed)

Emergency BBU:
EM18 (Emergency BBU, 90 min Backup, 120-277 VAC, Factory Installed)
Cord Sets:
CS3W6P (Cord Set, 3 Conductor, 18 Gauge, White, 6 Foot Length, Straight Blade Plug)
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 L5-15 - 120V)
CS3B6TL6 (Cord Set, 3 Conductor, 18 Gauge, Black, 6 Foot Length, Twist lock, Nema L6-15 - 240V)
CS3B6TL7 (Cord Set, 3 Conductor, 18 Gauge, Black, 6 Foot Length, Twist lock, Nema L7-15 - 277V)

Accessories (Field Installed)

Sensors:
ESL-KNX-FS7-RPP (Konex Occupancy Sensor with integrated RPP Controller. Field installed utilizing twist lock design for Konex high mount receptacles. 120-277 VAC with power statistics)
ESL-KNX-RPP-003 (Konex Power Pack Relay Controller. Use with KNX sensors or wall switches for wireless dimming control. Field installed utilizing twist lock design for Konex high mount receptacles. 120-277VAC with power statistics.)
ESL-9OCC-LV-HDD (High Bay Microwave Occupancy Sensor for Konex High Mount Receptacles, 12V Input, Daylight Harvesting, Up to 40 ft mounting, Microwave Sensor, 0-10 Dimming)
ESL-REM-100 (Wireless remote to control ESL-9OCC-LV-HDD)
Mounting:
ESL-LHB-AC-10FT (Aircraft Cable 10 Feet)
ESL-LHB-AC-16FT (Aircraft Cable 16 Feet)
ESL-LHB-PMKIT (LHB Pendant kit)
ESL-LHB-SFMKIT (LHB Surface Mount Kit (This option will not be applicable if install Emergency/Emergency Box)
Wire Guard:
ESL-LHB-24-WG (65W-155W LHB Wire Guard)
ESL-LHB-26-WG (210W LHB Wire Guard)
ESL-LHB-44-WG (300W-155W LHB Wire Guard)
Lens Replacements:
ESL-LHB-24-LENS (65W-155W LHB Replacement Lens)
ESL-LHB-26-LENS (210W LHB Replacement Lens)
ESL-LHB-44-LENS (320W LHB Replacement Lens)

Accessories:



Occupancy Sensor
ESL-9OCC-LV-HDD



Occupancy Sensor
ESL-KNX-FS7-RPP



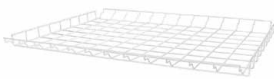
Power Pack
ESL-KNX-RPP-003



ESL-REM-100



Emergency Back Up
ESL-EMG-SL1-CDC-18W
FACTORY INSTALL ONLY



Wire Guard
ESL-LHB-24-WG
ESL-LHB-26-WG
ESL-LHB-44-WG



Surface Mount Kit
ESL-LHB-SFMKIT



Pendant Kit
ESL-LHB-PMKIT



Aircraft Cable
ESL-LHB-AC-10FT
ESL-LHB-AC-16FT

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
25 °C	77 °F	1
30 °C	86 °F	1
40 °C	104 °F	0.99
50 °C	122 °F	0.96

Electrical Load:

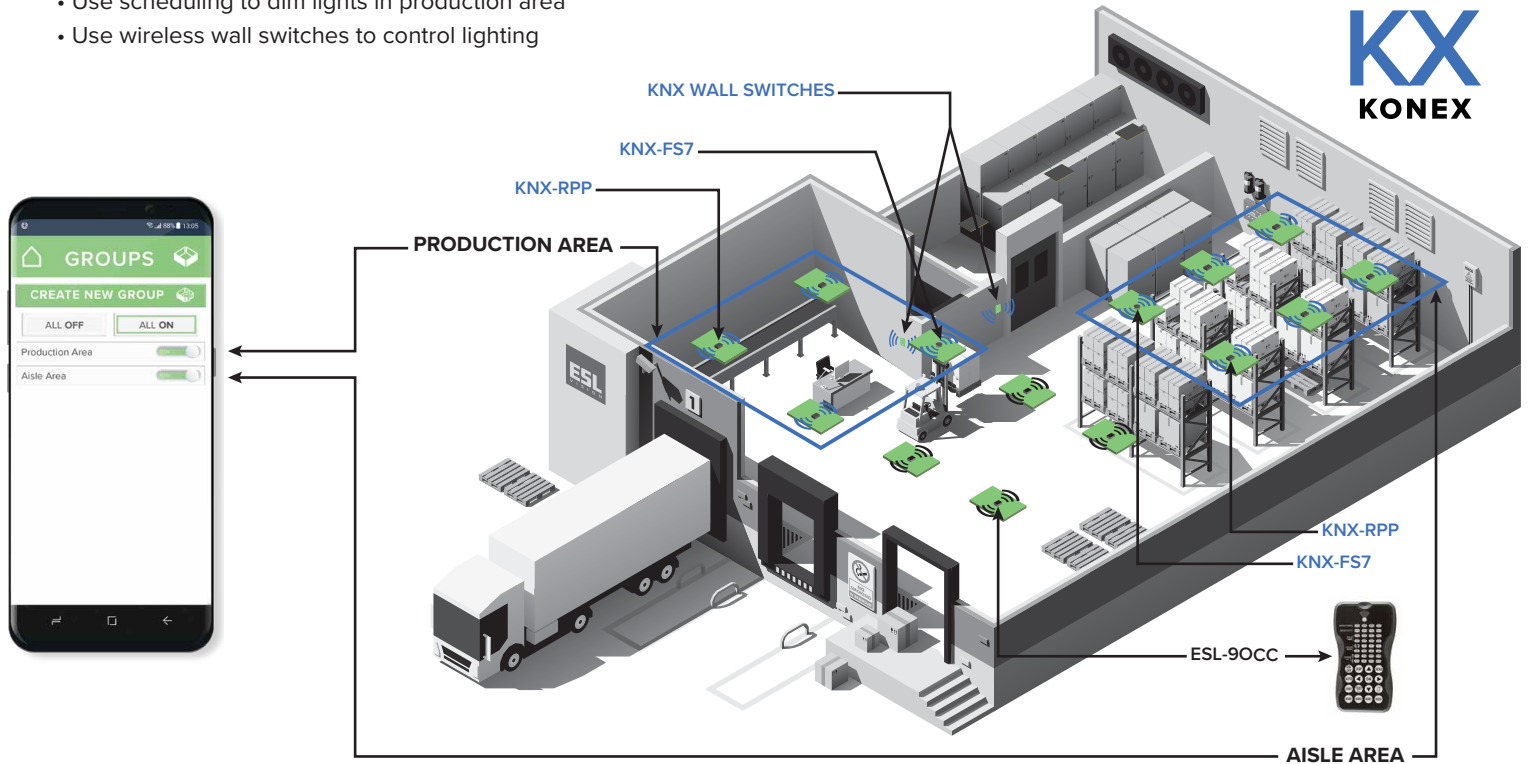
SYSTEM WATTS	INPUT CURRENT				INPUT VOLTAGE	INPUT FREQUENCY	POWER FACTOR	THD	OPERATING TEMPERATURE	SURGE PROTECTION	DIMMING
	120 VAC	208 VAC	240 VAC	277 VAC							
65	0.54	0.31	0.27	0.23	120-277 VAC	50/60 Hz	>0.98 @120 VAC >0.90 @277 VAC	<9%	-4°F to 131°F (-20°C to 55°C)	4kV L/N 10kV Optional	0-10V 12V AUX
105	0.88	0.50	0.44	0.38							
155	1.29	0.75	0.65	0.56							
210	1.75	1.01	0.88	0.76							
300	2.50	1.44	1.25	1.08							

Catalog Data:

ESL	TYPE	SIZE	WATTAGE	GENERATION	KELVIN			KELVIN			
					4000K (40)			5000K (50)			
					LUMENS	LPW	DLC QPL	LUMENS	LPW	DLC QPL	
					ESL-LHB-2-65W-3	8,481	132	PLFFEHR15HY	8,419	135	PL45V20DQS7F
					ESL-LHB-2-105W-3	14,042	134	PLFB4SBMD9LD	14,280	136	PLUK2LKJBHBMV
					ESL-LHB-2-155W-3	20,080	134	PLMCQOV3FXKU	20,382	137	PL3963C7IKSX
					ESL-LHB-2-210W-3	27,680	135	PLZNS42USIE	27,931	138	PLB2YGALUJ4G
					ESL-LHB-4-300W-3	40,215	135	PL2M8HW1OY2V	41,587	140	PL0YCA0165CC

Konex Technology - Production Area:

- Use scheduling to dim lights in production area
- Use wireless wall switches to control lighting



Konex Technology - Aisle Area:

- Group fixtures for operation by a single occupancy sensor
- Easily create multiple groups to control specific locations or the entire area

Keep it Simple Without Networking:

- The **ESL-9OCC** is an occupancy sensor to operate only the fixture in which it is installed. Great for basic On/Off or Dim to Off control.
- Program this sensor with the REM-100 remote (sold separately)