

Key Features & Benefits:

- Standard 0–10V Continuous Dimming
- Integrated Occupancy Sensor Capable
- 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:

Wattage: 300W
 Kelvin: 4000K, 5000K
 Lumens: 40,500 lm
 Efficacy: 135 lm/W
 Input Voltage: 120–277 VAC
 Input Frequency: 50/60 Hz
 Operating Temperature: -4°F to 131°F
 (-20°C to 55°C)
 Dimming: 0–10V
 CRI: >82
 Warranty: 7 Years
 L70 Lifetime 50,000 Hours calculated per TM21
 Dimensions (LxWxH): 46.5" x 18.9" x 2.16"
 Weight (lbs): 19.84



Removable Shorting Cap for Easy Field Installation of Optional Sensors or Network Controls with No Extra Wiring



Ordering Guide:

| ESL | - | TYPE | - | SIZE | - | WATTAGE | - | GENERATION | KELVIN | - | OPTIONS |
|-----|---|------------------------------|---|-----------------|---|--------------------------|---|-------------------------|----------------------------------------------|---|---------|
| ESL | - | LHB (LHB) Linear High Bay | - | 4 (4) 4 Foot | - | 300W (300W) 300 WATTS | - | 3 (3) 3rd Generation | (xx) (40) 4000 Kelvin (50) 5000 Kelvin | - | |

FACTORY INSTALLED OPTIONS

| | |
|----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| EM18 | Emergency backup battery unit, auto test function, 18-watt output, 90-minute minimum, 120–277 VAC input, 20–300 VDC output, closed frame with dual flex conduits, UL listed for factory or field install, title 20 (SL6) |
| CS3W6W | Cord set, 3 conductor, 18 gauge, white, 6-foot length, whip end |
| CS3B6W | Cord set, 3 conductor, 18 gauge, black, 6-foot length, whip end |
| 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) |

*EMG is not compatible with KNX accessories

FIELD INSTALLED ACCESSORIES

| | |
|---------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ESL-KNX-2-RPP-FS7 | KONEX CONTROLS APP (v2) ONLY – Konex Occupancy Sensor with integrated RPP Controller. Field installed utilizing twist lock design for Twist Connect Receptacles. 120–277 VAC with power statistics |
| ESL-KNX-2-RPP-003 | KONEX CONTROLS APP (v2) ONLY – Konex Power Pack Relay Controller. Use with Konex sensors or wall switches for wireless dimming control. Field installed utilizing twist lock design for Twist Connect Receptacles. 120–277 VAC with power statistics. |
| ESL-9OCC-LV-HDD | High bay occupancy sensor for twist connect receptacles, 12V input, daylight harvesting, 40ft mounting, microwave sensor, step dimming |
| ESL-6OCC | High bay occupancy sensor for twist connect receptacles, 12–24VDC, daylight harvesting, 40 ft mounting, PIR sensor |
| ESL-ACCS-AC-10FT-S2 | Aircraft cable 10 feet |
| ESL-ACCS-AC-16FT-S2 | Aircraft cable 16 feet |
| ESL-LHB-PMKIT | LHB pendant kit |
| ESL-LHB-SFMKIT | Surface mount kit |
| ESL-LHB-24-LENS | 110–160W LHB replacement lens |
| ESL-LHB-26-LENS | 210W LHB replacement lens |
| ESL-LHB-44-LENS | 300W LHB replacement lens |
| ESL-LHB-24-WG | 110–160W LHB wire guard |
| ESL-LHB-26-WG | 210W LHB wire guard |
| ESL-LHB-44-WG | 300W LHB wire guard |
| ESL-SPD-300V-10KV-1 | Hard-wired surge protector; (100–300 VAC) maximum discharge current: 10kA |
| ESL-REM-100 | Hand-held remote for the 90CC |

*EMG is not compatible with KNX accessories

Catalog Data:

| ITEM# | WATTAGE | KELVIN | MAX LUMEN OUTPUT | MAX EFFICACY (lm/w) | INPUT VOLTAGE | DLC QPL CODE |
|--------------------|---------|--------|------------------|---------------------|---------------|---------------|
| 2 FOOT | | | | | | |
| ESL-LHB-2-65W-340 | 65W | 4000K | 8,481 | 132 | 120–277 VAC | PLFFEHR115HY |
| ESL-LHB-2-65W-350 | | 5000K | 8,419 | 135 | | PL45V20DQS7F |
| ESL-LHB-2-105W-340 | 105W | 4000K | 14,042 | 134 | 120–277 VAC | PLFB4SBMD9LD |
| ESL-LHB-2-105W-350 | | 5000K | 14,280 | 136 | | PLUK2LKJBH MV |
| ESL-LHB-2-155W-340 | 155W | 4000K | 20,080 | 134 | 120–277 VAC | PLMCQOV3FXKU |
| ESL-LHB-2-155W-350 | | 5000K | 20,382 | 137 | | PL3963C7IKSX |
| ESL-LHB-2-210W-340 | 210W | 4000K | 27,680 | 135 | 120–277 VAC | PLZNSZ42USIE |
| ESL-LHB-2-210W-350 | | 5000K | 27,931 | 138 | | PLB2YGALUJ4G |
| 4 FOOT | | | | | | |
| ESL-LHB-4-300W-340 | 300W | 4000K | 40,500 | 135 | 120–277 VAC | PL2M8HW10Y2V |
| ESL-LHB-4-300W-350 | | 5000K | 41,587 | 140 | | PL0YCA0165CC |

Accessories



Konex Occupancy/RPP
ESL-KNX-2-FS7-RPP



Konex RPP
ESL-KNX-2-RPP-003



Microwave
Occupancy Sensor
ESL-9OCC-LV-HDD



PIR
Occupancy Sensor
ESL-6OCC



Programming Remote
ESL-REM-100



Emergency Backup
ESL-EMG-SL1-CDC-18W
FACTORY INSTALL ONLY



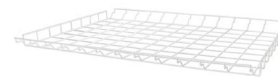
Surface Mount Kit
ESL-LHB-SFMKIT



Pendant Kit
ESL-LHB-PMKIT



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

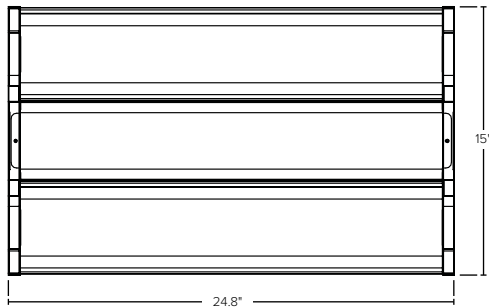


Wire Guard
ESL-LHB-24-WG
ESL-LHB-26-WG
ESL-LHB-44-WG

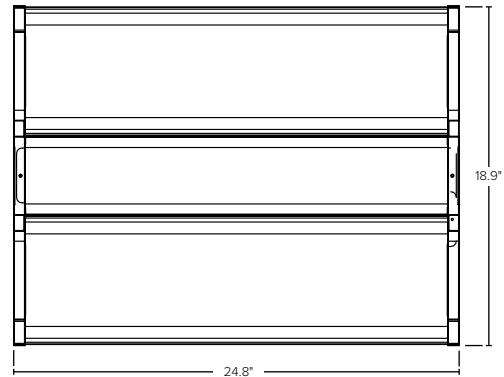
Electrical Load — Standard Voltage:

| SYSTEM WATTS | INPUT CURRENT | | | | INPUT WATTAGE | 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 | 120–277VAC | 50/60 Hz | >0.9 | <20% | -40°F to 122°F (-20°C to 50°C) | 4kV | 0–10V w/ 12V AUX |
| 80 | 0.67 | 0.38 | 0.33 | 0.29 | 120–277VAC | 50/60 Hz | >0.9 | <20% | -40°F to 122°F (-20°C to 50°C) | 4kV | 0–10V w/ 12V AUX |
| 100 | 0.83 | 0.48 | 0.42 | 0.36 | 120–277VAC | 50/60 Hz | >0.9 | <20% | -40°F to 122°F (-20°C to 50°C) | 4kV | 0–10V w/ 12V AUX |
| 120 | 1.00 | 0.58 | 0.50 | 0.43 | 120–277VAC | 50/60 Hz | >0.9 | <20% | -40°F to 122°F (-20°C to 50°C) | 4kV | 0–10V w/ 12V AUX |
| 80 | 0.67 | 0.38 | 0.33 | 0.29 | 120–277 VAC | 50/60 Hz | >0.9 | <20% | -40°F to 122°F (-20°C to 50°C) | 4kV | 0–10V w/ 12V AUX |
| 120 | 1.00 | 0.58 | 0.50 | 0.43 | 120–277VAC | 50/60 Hz | >0.9 | <20% | -40°F to 122°F (-20°C to 50°C) | 4kV | 0–10V w/ 12V AUX |
| 150 | 1.25 | 0.72 | 0.63 | 0.54 | 120–277VAC | 50/60 Hz | >0.9 | <20% | -40°F to 122°F (-20°C to 50°C) | 4kV | 0–10V w/ 12V AUX |
| 185 | 1.54 | 0.89 | 0.77 | 0.67 | 120–277VAC | 50/60 Hz | >0.9 | <20% | -40°F to 122°F (-20°C to 50°C) | 4kV | 0–10V w/ 12V AUX |
| 200 | 1.67 | 0.96 | 0.83 | 0.72 | 120–277 VAC | 50/60 Hz | >0.9 | <20% | -40°F to 122°F (-20°C to 50°C) | 4kV | 0–10V w/ 12V AUX |
| 240 | 2.00 | 1.15 | 1.00 | 0.87 | 120–277VAC | 50/60 Hz | >0.9 | <20% | -40°F to 122°F (-20°C to 50°C) | 4kV | 0–10V w/ 12V AUX |
| 280 | 2.33 | 1.35 | 1.17 | 1.01 | 120–277VAC | 50/60 Hz | >0.9 | <20% | -40°F to 122°F (-20°C to 50°C) | 4kV | 0–10V w/ 12V AUX |
| 320 | 2.67 | 1.54 | 1.33 | 1.16 | 120–277VAC | 50/60 Hz | >0.9 | <20% | -40°F to 122°F (-20°C to 50°C) | 4kV | 0–10V w/ 12V AUX |

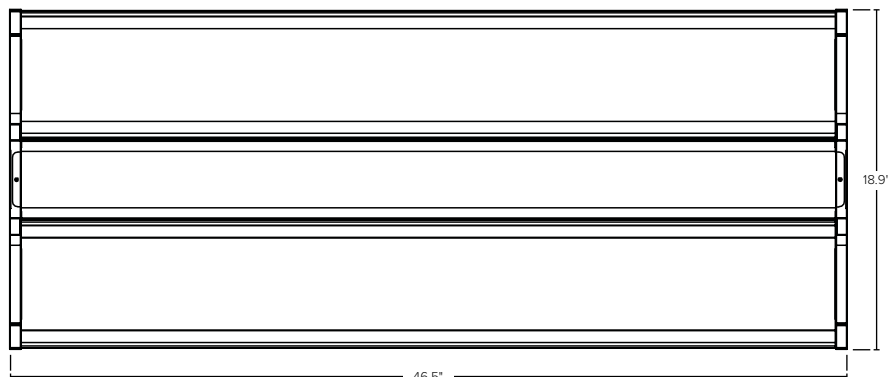
Dimensions:



65W, 105W, 155W



210W



300W

Konex Technology—Production Area:

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



Keep it Simple Without Networking:

- The 9OCC (microwave) and 6OCC (PIR) are occupancy sensors to operate only the fixtures in which they are installed. Great for basic On/Off or Dim to Off control
- Program these sensors with the REM-100 remote (sold separately)

Konex Technology—Aisle Area:

- Group fixtures to all work off one occupancy sensor
- Easily create multiple groups to control specific locations or the entire area