

BOXLED®



HIGH BAY

- **BOXLED®** High-Bay Luminaires for Commercial and Industrial applications.
- **REFLECTOR:** Parabolic aluminum louvers available with medium, wide, or asymmetrical distribution options. Micro prismatic tempered glass diffuser provides optimized light distribution for a visually comfortable and glare free environment.
- The **BOXLED®** is wet location, IP66 rated. Durable powder coated die-cast construction provides resistance against corrosion, flame and chemicals.
- **LUMENS:** LO: 14993 up to 16430 lm
HO: 23776 up to 26076 lm
- **OPERATING TEMP:**
HT: (AC Only) -22°F to 104°F (-30°C to 40°C)
EM: 32°F to 104°F (0°C to 40°C)
- **WEIGHT:** 17 lbs / 7.7 kg



APPLICATION: The **BOXLED®** is ideal for damp or wet applications including warehouses, factories, gymnasiums, loading docks, logistic centers, mining, carwash, agriculture and open ceiling environments.

CONFIGURATIONS

| MODEL | OPERATION | OUTPUT | DISTRIBUTION | COLOR TEMP | INPUT | MOUNTING | OPTIONS |
|----------|-----------|--------|-----------------------|--------------|----------|----------------------------|---|
| BL736LED | HT | LO | MBD (medium beam) | WT30 (3000K) | 120-277V | SM (surface mount) | EM (emergency back up-remote) |
| | | HO | WBD (wide beam) | WT40 (4000K) | 347V | AC (aviation cable) | EOSL (external occupancy sensor - LOGICA) |
| | | | ASY (asymmetric beam) | WT50 (5000K) | 480V | CH (chain hang kit) | FP (fuse protection - 3A) |
| | | | | | | PK (pendant kit) | NODL (integrated node - LOGICA) |
| | | | | | | SVLPK (swivel pendant kit) | SP (surge protector - 10KA) |
| | | | | | | HK (hook mount) | WG (wire-guard) |

NOTE 1: Surface mount is standard.

NOTE 2: Specify length for AC: 50", 72", 100", 150", 250"; specify for others.

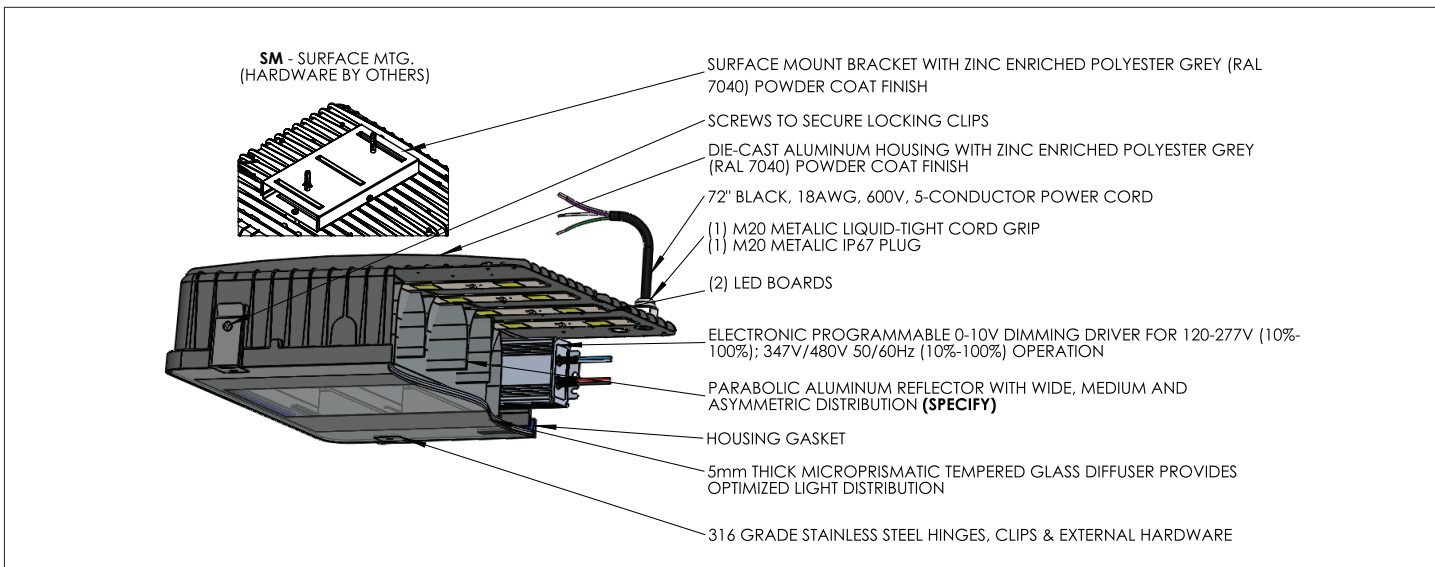
NOTE 3: Specify length for CH: 12", 24", 36", 48", specify for others.

NOTE 4: Specify length for PK: 12" 24", 48", specify for others.

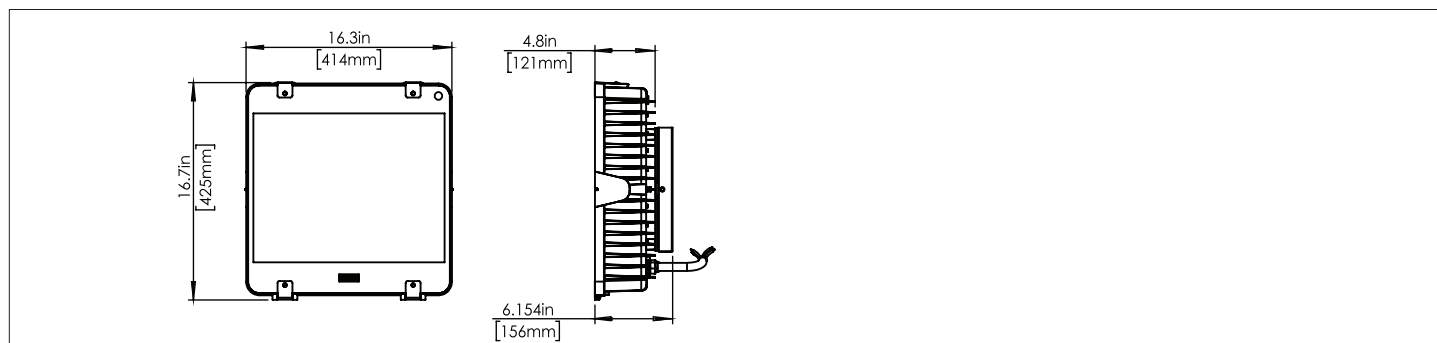
NOTE 5: Title 20 Field installation emergency pack (120-277V); LO & HO: 17W; 2292 lm; (wet location required nema box).

NOTE 6: Logica (Beghelli wireless and powerless control solutions). Contact factory for more details.

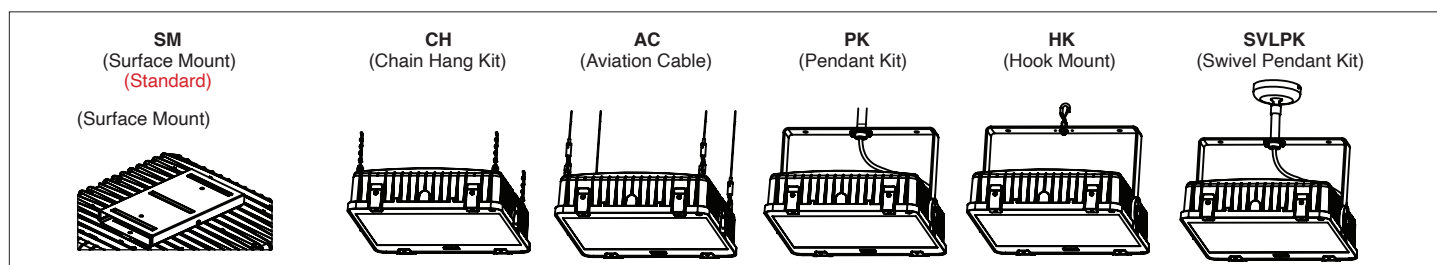
TECHNICAL INFORMATION



DIMENSIONS



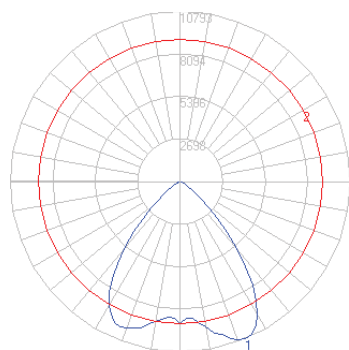
MOUNTING OPTIONS



PHOTOMETRICS

BL736LEDHTLOWT40WBD120-277V

POLAR CURVES

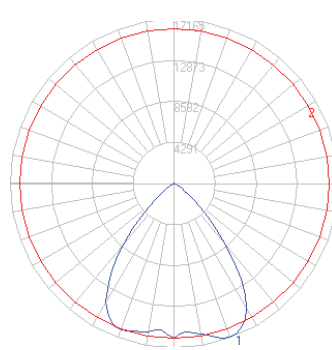


Characteristics

| | |
|---------------------------------|-----------------|
| Electronic driver | |
| LED 4000°K | |
| Lumens Per Lamp | N.A. (absolute) |
| Total Lamp Lumens | N.A. (absolute) |
| Luminaire Lumens | 15478 |
| Total Luminaire Efficiency | N.A. |
| Luminaire Efficacy Rating (LER) | 103 |
| Total Luminaire Watts | 150 |
| Ballast Factor | 1.00 |
| CIE Type | Direct |
| Spacing Criterion (0-180) | 1.20 |
| Spacing Criterion (90-270) | 1.26 |
| Spacing Criterion (Diagonal) | 1.22 |

BL736LEDHTHOWT40WBD120-277V

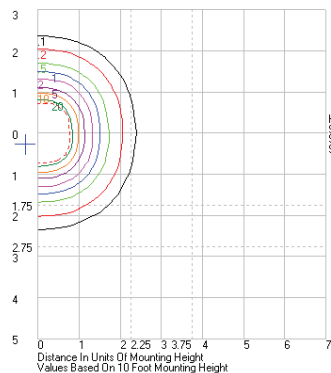
POLAR CURVES



Characteristics

| | |
|---------------------------------|-----------------|
| Electronic driver | |
| LED 4000°K | |
| Lumens Per Lamp | N.A. (absolute) |
| Total Lamp Lumens | N.A. (absolute) |
| Luminaire Lumens | 24543 |
| Total Luminaire Efficiency | N.A. |
| Luminaire Efficacy Rating (LER) | 107 |
| Total Luminaire Watts | 230 |
| Ballast Factor | 1.00 |
| CIE Type | Direct |
| Spacing Criterion (0-180) | 1.14 |
| Spacing Criterion (90-270) | 1.18 |
| Spacing Criterion (Diagonal) | 1.16 |

ISOLINES

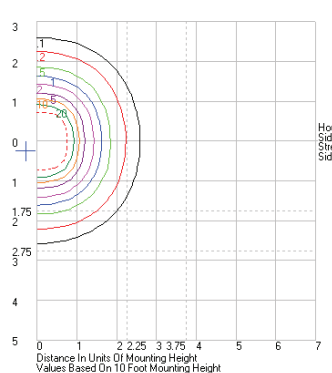


Zonal Lumen Summary

| Zone | Lumens | %Lamp | %Fixt |
|---------|----------|-------|--------|
| 0-20 | 3592.33 | N.A. | 23.20 |
| 0-30 | 7969.68 | N.A. | 51.50 |
| 0-40 | 12156.26 | N.A. | 78.50 |
| 0-60 | 15121.98 | N.A. | 97.70 |
| 0-80 | 15453.71 | N.A. | 99.80 |
| 0-90 | 15478.42 | N.A. | 100.00 |
| 10-90 | 14028.48 | N.A. | 94.50 |
| 20-40 | 8563.93 | N.A. | 55.30 |
| 20-50 | 10781.93 | N.A. | 69.70 |
| 40-70 | 3207.23 | N.A. | 20.70 |
| 60-80 | 331.73 | N.A. | 2.10 |
| 70-80 | 90.21 | N.A. | 0.60 |
| 80-90 | 24.72 | N.A. | 0.20 |
| 90-110 | 0.00 | N.A. | 0.00 |
| 90-120 | 0.00 | N.A. | 0.00 |
| 90-130 | 0.00 | N.A. | 0.00 |
| 90-150 | 0.00 | N.A. | 0.00 |
| 90-180 | 0.00 | N.A. | 0.00 |
| 110-180 | 0.00 | N.A. | 0.00 |
| 0-180 | 15478.42 | N.A. | 100.00 |

Total Luminaire Efficiency = N.A.%

ISOLINES



Zonal Lumen Summary

| Zone | Lumens | %Lamp | %Fixt |
|---------|----------|-------|--------|
| 0-20 | 6084.39 | N.A. | 24.80 |
| 0-30 | 13109.8 | N.A. | 53.40 |
| 0-40 | 19583.74 | N.A. | 79.80 |
| 0-60 | 24011.8 | N.A. | 97.80 |
| 0-80 | 24507.68 | N.A. | 99.90 |
| 0-90 | 24542.59 | N.A. | 100.00 |
| 10-90 | 23048.56 | N.A. | 93.90 |
| 20-40 | 13499.35 | N.A. | 55.00 |
| 20-50 | 16821.38 | N.A. | 68.50 |
| 40-70 | 4789.34 | N.A. | 19.50 |
| 60-80 | 486.08 | N.A. | 2.00 |
| 70-80 | 134.81 | N.A. | 0.50 |
| 80-90 | 34.71 | N.A. | 0.10 |
| 90-110 | 0.00 | N.A. | 0.00 |
| 90-120 | 0.00 | N.A. | 0.00 |
| 90-130 | 0.00 | N.A. | 0.00 |
| 90-150 | 0.00 | N.A. | 0.00 |
| 90-180 | 0.01 | N.A. | 0.00 |
| 110-180 | 0.00 | N.A. | 0.00 |
| 0-180 | 24542.59 | N.A. | 100.00 |

Total Luminaire Efficiency = N.A.%

ELECTRICAL RATING

DIMMER COMPATIBILITY

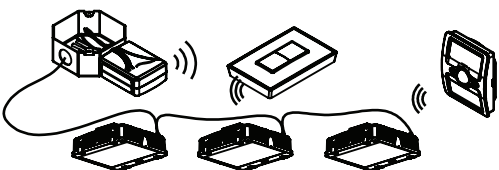
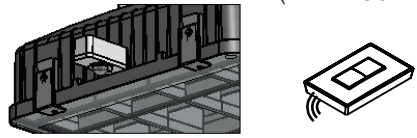


| PRODUCT | NOMINAL POWER (W) | AC CURRENT (A) | | FREQUENCY (HZ) | DC VOLTAGE (V) | DC CURRENT (MA) |
|----------------|-------------------|----------------|------|----------------|----------------|-----------------|
| | | 120V | 277V | | | |
| BL736LED-HT-LO | 150 | 1.28 | 0.55 | 50/60 | 50 | 2700 |
| BL736LED-HT-HO | 230 | 1.96 | 0.85 | 50/60 | 50 | 4100 |

| DIMMER | COMPATABILITY | |
|-----------------------|---------------|---------|
| | ON / OFF | DIMMING |
| LEVITON - AWRMG - 7 | YES | YES |
| LUTRON - DIVE - DVSTV | YES | YES |
| LUTRON - DIVE - DVTV | YES | YES |
| WATT STOPPER DCLV1 | YES | YES |

ENERGY CHART

| MODEL | EFFICACY | CONSUMPTION WATTAGE | LUMEN OUTPUT | CRI | L70 (hrs.) |
|----------------------------------|----------|---------------------|--------------|-----|------------|
| BL736LED-HT-LO-WBD-WT30-120-277V | 100 lm/W | 150 | 14993 | >80 | >60,000 |
| BL736LED-HT-LO-WBD-WT40-120-277V | 103 lm/W | 150 | 15470 | >80 | >60,000 |
| BL736LED-HT-LO-WBD-WT50-120-277V | 110 lm/W | 150 | 16430 | >80 | >60,000 |
| BL736LED-HT-HO-WBD-WT30-120-277V | 103 lm/W | 230 | 23776 | >80 | >60,000 |
| BL736LED-HT-HO-WBD-WT40-120-277V | 107 lm/W | 230 | 24543 | >80 | >60,000 |
| BL736LED-HT-HO-WBD-WT50-120-277V | 113 lm/W | 230 | 26076 | >80 | >60,000 |

LOGICA (WIRELESS & POWERLESS LIGHTING CONTROL SOLUTIONS)

| DAISY CHAIN FIXTURES (RLYL) | | | EXTERNAL NODE & SENSOR (EOSL) (WET LOCATION) | |
|---|---|---|---|---|
| <p>LOG-RLY WIRELESS RELAY (DAMP LOCATION)</p> | <p>LOG-ESRP SWITCH (ACCESSORY) (DAMP LOCATION)</p> | <p>LOG-ML2 REMOTE SENSOR (ACCESSORY) (DAMP LOCATION)</p> | <p>LOG-HBKO10V/HBKOD NODE & SENSOR (KNOCK-OUT)</p> | <p>LOG-ESRP SWITCH (ACCESSORY) (DAMP LOCATION)</p> |
|  | | |  | |
| <p>DAISY CHAIN - 13 FIXTURES; 18 FT MAX. (base on 12AWG) (daisy chain by others)</p> <p>FOR DETAILS PLEASE SEE LIGHTING CONTROL SOLUTION CONFIGURATION.</p> | | | <p>INTEGRATED NODE (NODL)</p> | |
| <p>LOG-10V12/DRD (NODE 0-10V/DALI) (INTEGRATED)</p> | <p>LOG-ESRP SWITCH (ACCESSORY) DAMP LOCATION</p> | <p>LOG-ML2 REMOTE SENSOR (ACCESSORY) DAMP LOCATION</p> | | |
|  | | |  | |

■ **WARRANTY:** 5 year warranty, see website for full warranty details.