

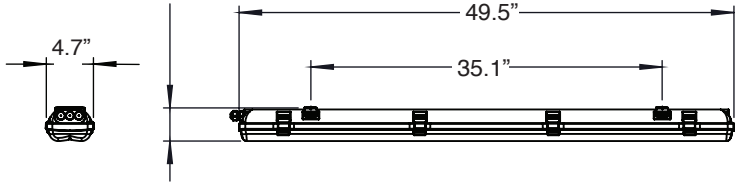
L70
25°C **60,000 Hours**



FEATURES

- Corrosion, flame and vandal resistant.
- HOUSING: 100% UV stabilized polycarbonate, liquid silicone perimeter gasket with memory retention.
- DIFFUSER: The frosted UV stabilized polycarbonate diffuser eliminates glare and provides even light distribution.
- LUMENS:
 - LO: 3952 up to 3686 lm
 - HO: 5999 up to 6615 lm
- OPERATING TEMP:
 - HT (AC Only) -4°F to 104°F (-20°C to 40°C)
 - SA (AC & Emergency) 32°F to 104°F(0°C to 40°C)
- WEIGHT: 9 lbs / 4.08 kg
- APPLICATION: The BS101 Series provides ideal illumination for canopies, warehouses, schools, breeze- ways and service corridors. It can be installed both indoor & outdoor.
- WARRANTY: 5 years warranty, see website for full warranty details.

DIMENSIONS



ORDERING INFORMATION

EXAMPLE: BS101-4-HT-LO-WT35-120-277V-PM



| Model | Length | Operation | Lumens | Color Temp | Input | Mounting | Options |
|--------------|--------|---|-----------------------|--|------------------|---|---|
| BS101 Series | 4 (ft) | HT (AC only) SA ¹ (AC & EM) | LO ² HO | WT35 (3500K) WT40 (4000K) WT50 (5000K) | 120-277V 347V | AC ³ (aviation cable) SPK ⁴ (single pendant kit) SVLSPK ⁴ (swivel single pendant kit) SVLDPK ⁴ (swivel double pendant kit) DPK ⁴ (double pendant kit) CH ⁴ (chain hang kit) TM ⁴ (trunion mount) PM (pivot mount) JM ⁵ (junction mount) QMB ⁶ (quick mount bracket) | SS (stainless steel clips) FP (fuse protection - 3A) TPS ⁷ (tamper proof screws) TPB (tamper proof under driver bit) NODL ⁸ (integrated node - LOGICA) EOSL ⁸ (external occupancy sensor - LOGICA) EOS (external occupancy sensor) SP (surge protection - 10KA) B ⁹ (black housing) W ⁹ (white housing) FA ¹⁰ (fully assembled) D (dali) |

NOTE 1: Emergency pack 120-277V; 10W; 1264 lm.

NOTE 2: No DLC for LO.

NOTE 3: Specify length for AC:50", 72", 100", 150", 250" fully adjustable.

NOTE 4: SPK, DPK, CH, TM, & SVLSPK options must specify length.

NOTE 5: JM option - the unit is no longer wet location, but damp location.

NOTE 6: QMB must be used with JM.

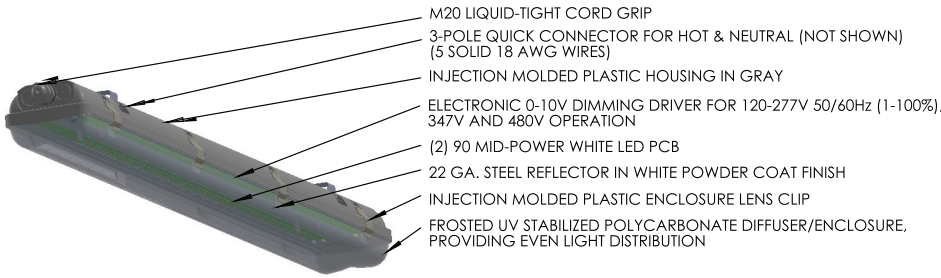
NOTE 7: 18-8 stainless steel screws.

NOTE 8: Logica (LEDalux wireless and powerless control solutions). Check website for more information.

NOTE 9: Contact factory, MOQ is QTY. 1,000

NOTE 10: Includes latches and grommets installed at the factory. Can be combined with the JM option.

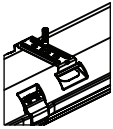
TECHNOLOGY INFORMATION



- M20 LIQUID-TIGHT CORD GRIP
- 3-POLE QUICK CONNECTOR FOR HOT & NEUTRAL (NOT SHOWN) (5 SOLID 18 AWG WIRES)
- INJECTION MOLDED PLASTIC HOUSING IN GRAY
- ELECTRONIC 0-10V DIMMING DRIVER FOR 120-277V 50/60Hz (1-100%), 347V AND 480V OPERATION
- (2) 90 MID-POWER WHITE LED PCB
- 22 GA. STEEL REFLECTOR IN WHITE POWDER COAT FINISH
- INJECTION MOLDED PLASTIC ENCLOSURE LENS CLIP
- FROSTED UV STABILIZED POLYCARBONATE DIFFUSER/ENCLOSURE, PROVIDING EVEN LIGHT DISTRIBUTION

MOUNTING OPTIONS

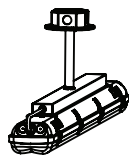
SM (Surface Mount) (Standard)



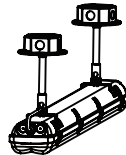
AC (Aviation Cable)



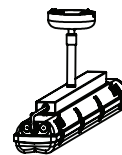
SPK (Single Pendant Kit)



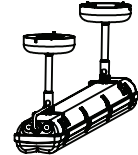
DPK (Double Pendant Kit)



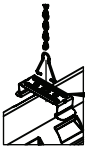
SVLSPK (Swivel Single Pendant Kit)



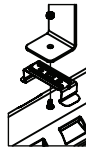
SVLDPK (Swivel Double Pendant Kit)



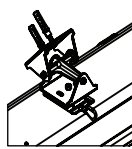
CH (Chain Hang Kit)



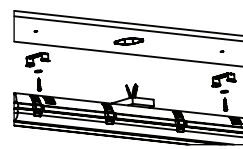
TM (Trunnion Mount)



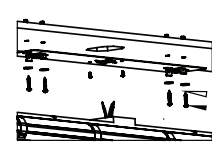
PM (Pivot Mount)



JM (Junction Mount)



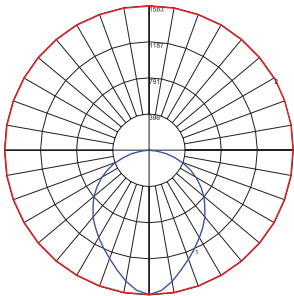
QBM (Quick Mount Bracket)



PHOTOMETRICS

BS1014HTLOWT40120-277V

POLAR CURVES

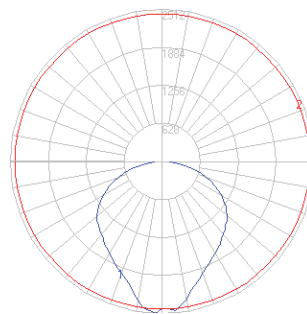


Characteristics

| | |
|---------------------------------|---------------------|
| Electronic driver | |
| LED 4000°K | |
| Lumens Per Lamp | N.A. (absolute) |
| Total Lamp Lumens | N.A. (absolute) |
| Luminaire Lumens | 4066 |
| Total Luminaire Efficiency | N.A. |
| Luminaire Efficacy Rating (LER) | 116 |
| Total Luminaire Watts | 35 |
| Ballast Factor | 1.00 |
| CIE Type | Direct |
| Spacing Criterion (0-180) | 1.06 |
| Spacing Criterion (90-270) | 1.06 |
| Spacing Criterion (Diagonal) | 1.26 |
| Basic Luminous Shape | Rectangular w/Sides |
| Luminous Length (0-180) | 4.12 ft |
| Luminous Width (90-270) | 0.39 ft |
| Luminous Height | 0.26 ft |

BS1014HTHOWT40120-277V

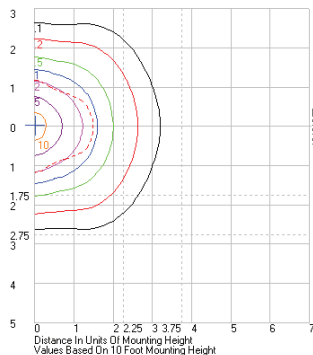
POLAR CURVES



Characteristics

| | |
|---------------------------------|-----------------|
| Electronic driver | |
| LED 4000°K | |
| Lumens Per Lamp | N.A. (absolute) |
| Total Lamp Lumens | N.A. (absolute) |
| Luminaire Lumens | 6431 |
| Total Luminaire Efficiency | N.A. |
| Luminaire Efficacy Rating (LER) | 117 |
| Total Luminaire Watts | 55 |
| Ballast Factor | 1.00 |
| CIE Type | Direct |
| Spacing Criterion (0-180) | 1.22 |
| Spacing Criterion (90-270) | 1.08 |
| Spacing Criterion (Diagonal) | 1.26 |

ISOLINES

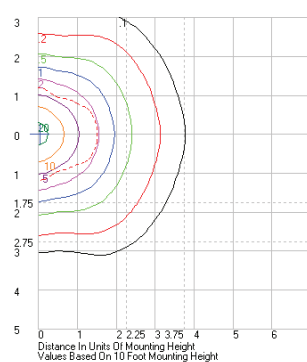


Zonal Lumen Summary

| Zone | Lumens | %Lamp | %Fixt |
|---------|---------|-------|--------|
| 0-20 | 463.83 | N.A. | 12.90 |
| 0-30 | 948.44 | N.A. | 26.50 |
| 0-40 | 1520.61 | N.A. | 42.40 |
| 0-60 | 2673.94 | N.A. | 74.60 |
| 0-80 | 3396.42 | N.A. | 94.80 |
| 0-90 | 3507.39 | N.A. | 97.90 |
| 10-90 | 3381.18 | N.A. | 94.30 |
| 20-40 | 1056.77 | N.A. | 29.50 |
| 20-50 | 1654.07 | N.A. | 46.10 |
| 40-70 | 1597.48 | N.A. | 44.60 |
| 60-80 | 722.48 | N.A. | 20.20 |
| 70-80 | 278.33 | N.A. | 7.80 |
| 80-90 | 110.98 | N.A. | 3.10 |
| 90-110 | 52.13 | N.A. | 1.50 |
| 90-120 | 66.12 | N.A. | 1.80 |
| 90-130 | 73.98 | N.A. | 2.10 |
| 90-150 | 76.93 | N.A. | 2.10 |
| 90-180 | 76.94 | N.A. | 2.10 |
| 110-180 | 24.81 | N.A. | 0.70 |
| 0-180 | 3584.33 | N.A. | 100.00 |

Total Luminaire Efficiency = N.A. %

ISOLINES



Zonal Lumen Summary

| Zone | Lumens | %Lamp | %Fixt |
|---------|---------|-------|--------|
| 0-20 | 850.21 | N.A. | 13.20 |
| 0-30 | 1738.17 | N.A. | 27.00 |
| 0-40 | 2786.87 | N.A. | 43.30 |
| 0-60 | 4901.73 | N.A. | 76.20 |
| 0-80 | 6226.2 | N.A. | 96.80 |
| 0-80 | 6430.65 | N.A. | 100.00 |
| 10-90 | 6198.95 | N.A. | 96.40 |
| 20-40 | 1936.66 | N.A. | 30.10 |
| 20-50 | 3031.94 | N.A. | 47.10 |
| 40-70 | 2929.13 | N.A. | 45.50 |
| 60-80 | 1324.47 | N.A. | 20.60 |
| 70-80 | 510.20 | N.A. | 7.90 |
| 80-90 | 204.45 | N.A. | 3.20 |
| 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 | 6430.65 | N.A. | 100.00 |

Total Luminaire Efficiency = N.A. %

ENERGY CHART

| MODEL | LENGTH | EFFICACY | CONSUMPTION WATTAGE(W) | LUMEN OUTPUT(LM) | CRI | L70 (hrs.) |
|----------------------------|--------|----------|------------------------|------------------|-----|------------|
| BS101-4HT-LO-WT35-120-277V | 4 ft | 116 lm/W | 35 | 3952 | >80 | >60,000 |
| BS101-4HT-LO-WT40-120-277V | 4 ft | 120 lm/W | 35 | 4066 | >80 | >60,000 |
| BS101-4HT-LO-WT50-120-277V | 4 ft | 123 lm/W | 35 | 4184 | >80 | >60,000 |
| BS101-4HT-HO-WT35-120-277V | 4 ft | 116 lm/W | 55 | 6390 | >80 | >60,000 |
| BS101-4HT-HO-WT40-120-277V | 4 ft | 117 lm/W | 55 | 6431 | >80 | >60,000 |
| BS101-4HT-HO-WT50-120-277V | 4 ft | 120 lm/W | 55 | 6615 | >80 | >60,000 |

ELECTRICAL RATING

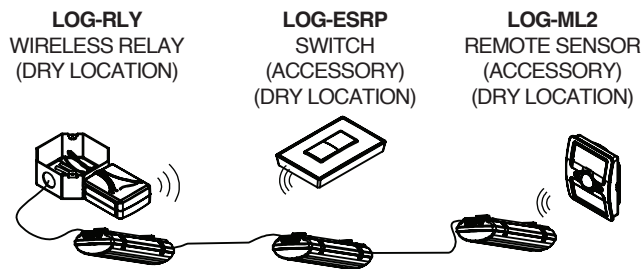
| PRODUCT | NOMINAL POWER (W) | AC CURRENT (A) | | FREQUENCY (HZ) | DC VOLTAGE (V) | DC CURRENT (MA) |
|-------------|-------------------|-----------------|-----------------|----------------|----------------|-----------------|
| | | AC VOLTAGE 120V | AC VOLTAGE 277V | | | |
| BS101-HT-LO | 35 | 0.30 | 0.13 | 50/60 | 45 | 650 |
| BS101-HT-HO | 55 | 0.47 | 0.20 | 50/60 | 48 | 1000 |

DIMMER COMPATIBILITY

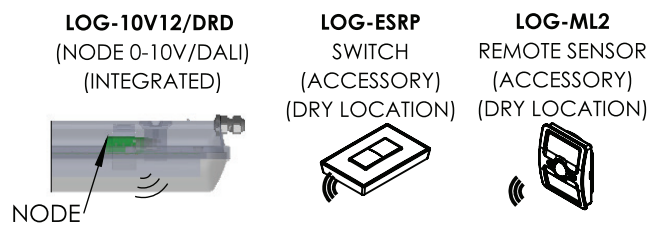
| DIMMER | COMPATABILITY | |
|-----------------------|---------------|---------|
| | ON / OFF | DIMMING |
| LEVITON - AWRMG-7 | YES | YES |
| LUTRON - DIVE - DVSTV | YES | YES |
| LUTRON - DIVE - DVTV | YES | YES |
| WATT STOPPER - DCLV1 | YES | YES |

LOGICA (WIRELESS & POWERLESS LIGHTING CONTROL SOLUTIONS)

DAISY CHAIN FIXTURES (RLYL)



INTEGRATED NODE (NODL)



FOR DETAILS PLEASE SEE LIGHTING CONTROL SOLUTION CONFIGURATION.

EXTERNAL NODE & SENSOR (EOSL)

