

ILLUMINA®

TITLE 20 TITLE 24



BS101LED

- The **ILLUMINA® BS101LED** is 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: 40W @ 5786 - 6909 lm | HO: 60W @ 8679 - 10,351 lm
- **OPERATING TEMP:** HT (AC only) -40°F to 104°F (-40°C to 40°C)
SA (AC & Emergency) 32°F to 104°F (0°C to 40°C)
- **POWER FACTOR:** > 0.95
- **TOTAL HARMONIC DISTORTION (THD):** < 20%
- **WEIGHT:** 10 lbs. / 4.54 kg.



APPLICATION: The **ILLUMINA® BS101LED** provides ideal illumination for canopies, warehouses, schools, breezeways and service corridors.

ORDERING INFORMATION

Example: BS101LED4 HT HO WT40 120-277V FSP221

MODEL	LENGTH	OPERATION	OUTPUT	COLOR TEMP	INPUT	MOUNTING	OPTIONS
BS101LED	4 (ft)	HT (AC only)	LO	WT30 (3000K)	120-277V	blank	D (dali driver) NOD ⁶ (integrated mode)
		SA ¹ (AC & EM)	HO	WT35 (3500K)	347-480V	(surface mount standard)	FA ³ (fully assembled) SP (surge protection - 10KA)
				WT40 (4000K)		JM ² (j-box mount)	FP (fuse protection - 3A) SS (stainless steel clips)
				WT50 (5000K)			IS ^{4,6} (internal occ sensor) TPS (tamper proof screws) OS ^{5,6} (external occ sensor)

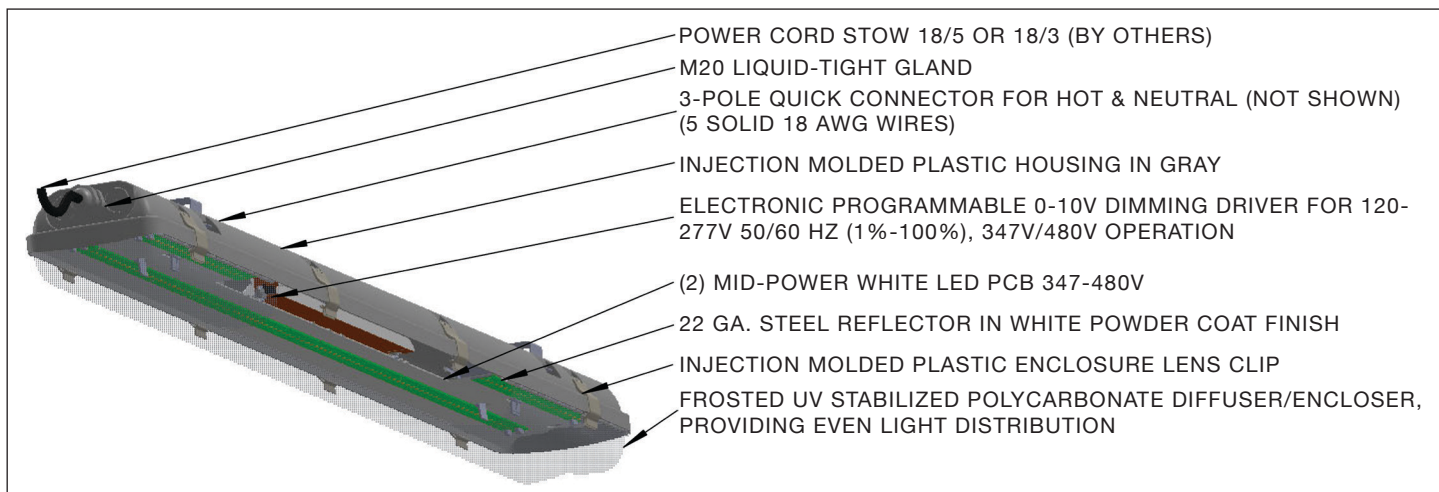
CONTROLS & ACCESSORIES

1PKxWBS14 ^{7,8} (single pendant kit, white, x=length)	2SPKxW ^{7,8} (swivel double stem pendant kit)	QMBWBS14 ¹⁰ (quick mount bracket)
1SPKxWBS14 ^{7,8} (swivel single pendant kit, white, x=length)	EMDCB ⁸ (BT wireless motion and lux sensor)	RLY ⁶ (Beggelli lighting control module relay)
2ACx ⁸ (aircraft cable, x=length)	HHRFSIR ⁹ (handheld remote for FSP221)	SW1 ⁶ (single BT rocker wall switch)
2CH48 ⁸ (48" chain hang kit, field cuttable)	MLM1 ⁸ (wireless motion and lux sensor)	TM22BS14 ⁸ (22" trunion mount bracket)
2PKxW ^{7,8} (double stem pendant mount kit, white)	PM (pivot mount)	

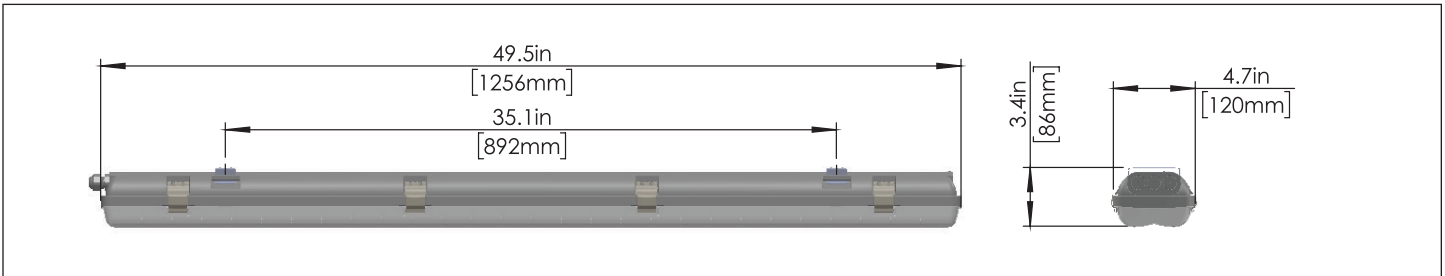
NOTE 1: Emergency pack 120-277V; 10W/ 1663 lm. CEC - Listed Title 20.
NOTE 2: The unit is no longer wet location, but damp location
NOTE 3: Includes latches, grommets, etc. installed at the factory for quick installation
NOTE 4: IS is std Beggelli sensor, FSP221, Magnum ISM1 and other sensors also available
NOTE 5: OS is std Beggelli sensor (Magnum OSM1, CRMB9, OSFSP221, SBOR and other sensors also available)

NOTE 6: Beggelli offers wireless and powerless control solutions, contact factory for more details
NOTE 7: Standard pendant lengths "x" = 12 (12"), 24 (24"), and 48 (48")
NOTE 8: Consult factory for non-standard lengths
NOTE 9: FSP221 and OSFSP221 require HHRFSIR handheld remote accessory
NOTE 10: Quick Mount bracket requires JM mount; FA option recommended for maximum labor savings

TECHNICAL INFORMATION



DIMENSIONS



MOUNTING OPTIONS

Surface Mount (standard) 	Aviation Cable Kit (2AC50, 2AC72) 	Chain Hang Kit (2CH48) 	Double Pendant Kit (2PK12W, 2PK24W, 2PK48W) 	J-Box & Quick Mount Bracket Mount (JQM) <p>J-box mount (damp location) Quick mount bracket (wet location)</p>	
Pivot Mount Kit PM 	Single Pendant Kit (1PKxWBS04 x=12", 24", 48") 	Swivel Double Pendant Kit (2SPK12W, 2SPK24W, 2SPK48W) 	Swivel Single Pendant Kit (1SPKxWBS04, x=12", 24", 48") 	Trunnion Mount Kit (TM22BS04) <p>22" std size</p>	

NOTE: When wall mounted, DAMP LOCATION LISTED

PHOTOMETRICS

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ADDITIONAL INFORMATION

ENERGY CHART

MODEL	LENGTH	EFFICACY	CONSUMPTION WATTAGE	LUMEN OUTPUT	CRI	L70 (HRS) TESTED	L70 (HRS) PROJECTED
BS101LED-4HT-LO-WT30-120-277V	4 ft	145 lm/W	40	5,786	>80	>60,000	>100,000
BS101LED-4HT-LO-WT35-120-277V	4 ft	154 lm/W	40	6,159	>80	>60,000	>100,000
BS101LED-4HT-LO-WT40-120-277V	4 ft	163 lm/W	40	6,536	>80	>60,000	>100,000
BS101LED-4HT-LO-WT50-120-277V	4 ft	173 lm/W	40	6,909	>80	>60,000	>100,000
BS101LED-4HT-HO-WT30-120-277V	4 ft	145 lm/W	60	8,679	>80	>60,000	>100,000
BS101LED-4HT-HO-WT35-120-277V	4 ft	154 lm/W	60	9,233	>80	>60,000	>100,000
BS101LED-4HT-HO-WT40-120-277V	4 ft	163 lm/W	60	9,782	>80	>60,000	>100,000
BS101LED-4HT-HO-WT50-120-277V	4 ft	173 lm/W	60	10,351	>80	>60,000	>100,000

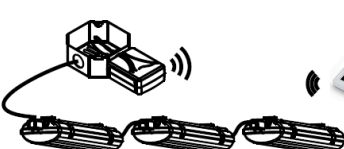


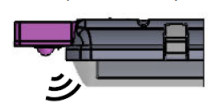

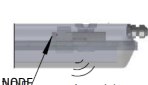




ELECTRICAL RATING

PRODUCT	NOMINAL POWER (W)	AC CURRENT (A) AC VOLTAGE		FREQUENCY (HZ)	DC VOLTAGE (V)	DC CURRENT (MA)
		120 V	277 V			
BS101LED-HT-LO	40	0.34	0.15	50/60	45	800
BS101LED-HT-HO	60	0.51	0.22	50/60	45	1200

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

BEGHELLI LIGHTING CONTROL SOLUTIONS

DAISY CHAIN FIXTURES (RELAY)			EXTERNAL NODE & SENSOR (OS)	
<p>RLY* Wireless Relay (Damp Location)</p>  <p>Max range: 100ft Max fixtures: 20</p>	<p>EMDCB* Remote Sensor (Damp Location)</p> 	<p>SW1* Single Switch (Damp Location)</p> 	<p>OS (Beghelli standard) (Wet Location)</p> <p>(EXTERNAL)</p> 	<p>SW1* Single Switch (Damp Location)</p> 
<p>External occ sensor options: OSM1*, SBOR, CRMB9, OSFSP221, etc.</p>				
INTEGRATED NODE (NOD)			INTEGRATED NODE & SENSOR (IS)	
<p>NOD* Node</p> 	<p>EMDCB* Remote Sensor (Damp Location)</p> 	<p>SW1* Single Switch (Damp Location)</p> 	<p>IS (Beghelli standard) (Wet Location)</p> <p>Mounted on lens</p> 	<p>SW1* Single Switch (Damp Location)</p> 
<p>Internal occ sensor options: ISM1*, FSP221, etc.</p>				

* Magnum control options also available (RLYM1 relay, MLM1 sensor, SW1M1 switch, NODM1 node and ISM1 and OSM1 sensors)

**Beghelli offers standard wired and wireless control solutions. Beghelli fixtures are compatible with most control solutions available in the market, consult factory for more details.

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