

# 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 <sup>6</sup> (integrated mode)
		SA <sup>1</sup> (AC & EM)	HO	WT35 (3500K)	347-480V	(surface mount standard)	FA <sup>3</sup> (fully assembled) SP (surge protection - 10KA)
				WT40 (4000K)		JM <sup>2</sup> (j-box mount)	FP (fuse protection - 3A) SS (stainless steel clips)
				WT50 (5000K)			IS <sup>4,6</sup> (internal occ sensor) TPS (tamper proof screws) OS <sup>5,6</sup> (external occ sensor)

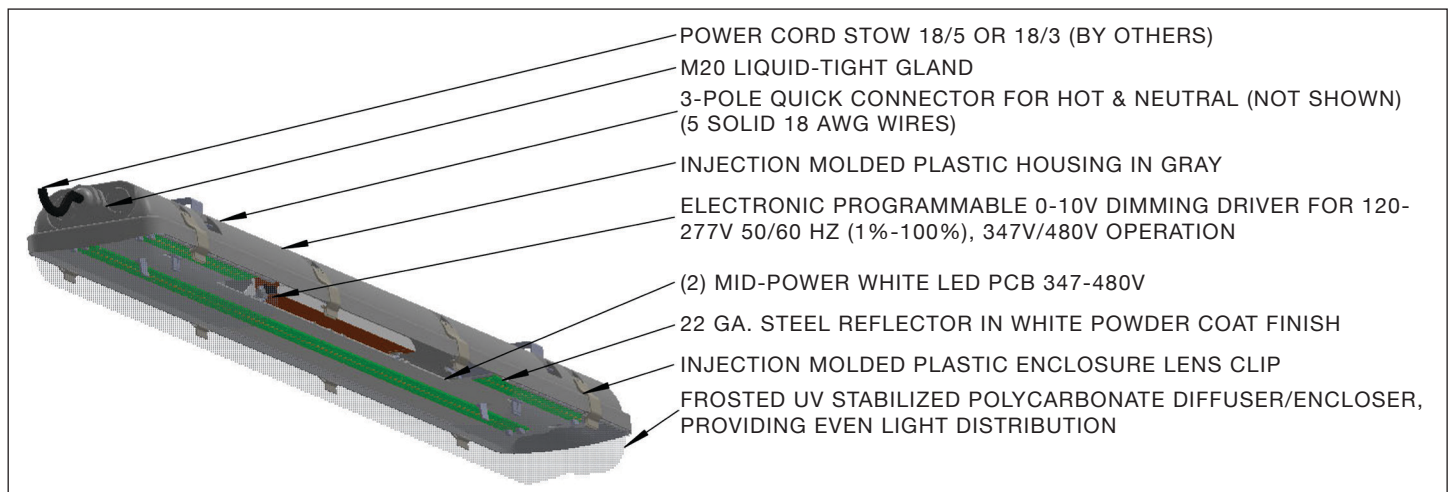
#### CONTROLS & ACCESSORIES

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

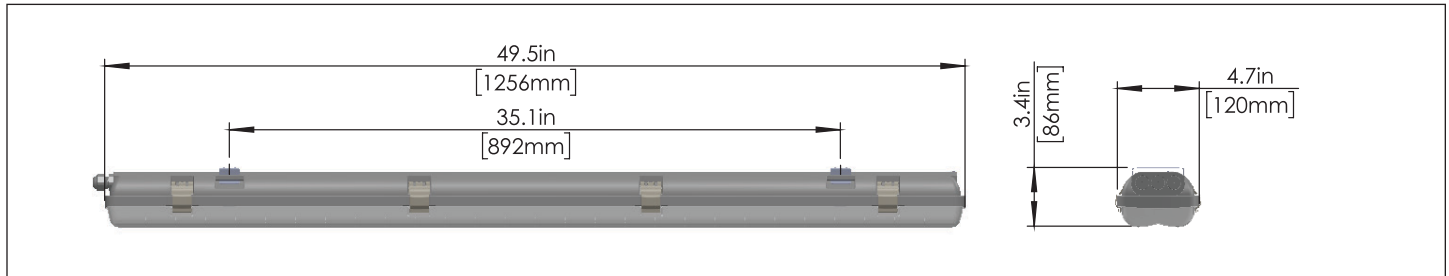
NOTE 1: Emergency pack 120-277V; 10W/ 1663 lm. CEC - Listed Title 20.  
NOTE 2: The unit is no longer wet location, but damp location  
NOTE 3: Includes latches, grommets, etc. installed at the factory for quick installation  
NOTE 4: IS is std Beghelli sensor, FSP221, Magnum ISM1 and other sensors also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

NOTE 6: Beghelli 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

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

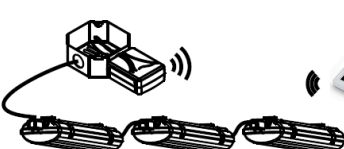


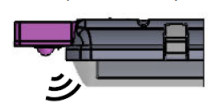

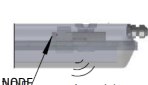




## ELECTRICAL RATING

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

\* 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.