

**ILLUMINA®****TITLE**  
**20****TITLE**  
**24**

## BS101LED ECO

- The **ILLUMINA® BS101LED ECO** is an economical, corrosion, flame and vandal resistant wet location luminaire.
- **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: 4744 - 5041 lm  
HO: 7594 - 7919 lm
- **OPERATING TEMP:** HT (AC Only) -40°F to 104°F (-20°C to 40°C)  
SA (AC & Emergency) 32°F to 104°F (0°C to 40°C)
- **POWER FACTOR:** >0.95
- **TOTAL HARMONICS DISTORTION (THD):** <20%
- **WEIGHT:** 9 lbs / 4.08 kg



**APPLICATION:** The **ILLUMINA® BS101LED ECO** provides ideal illumination for canopies, warehouses, schools, breezeways and service corridors. It can be installed both indoor & outdoor.

### ORDERING INFORMATION

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

#### CONTROLS & ACCESSORIES

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

NOTE 1: Emergency pack 120-277V; 10W/1440 lm.

NOTE 2: No DLC for LO.

NOTE 3: JM direct j-box mount maintains fixture's IP66 rating

NOTE 4: Includes latches, grommets, etc. installed at the factory for quick installation

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

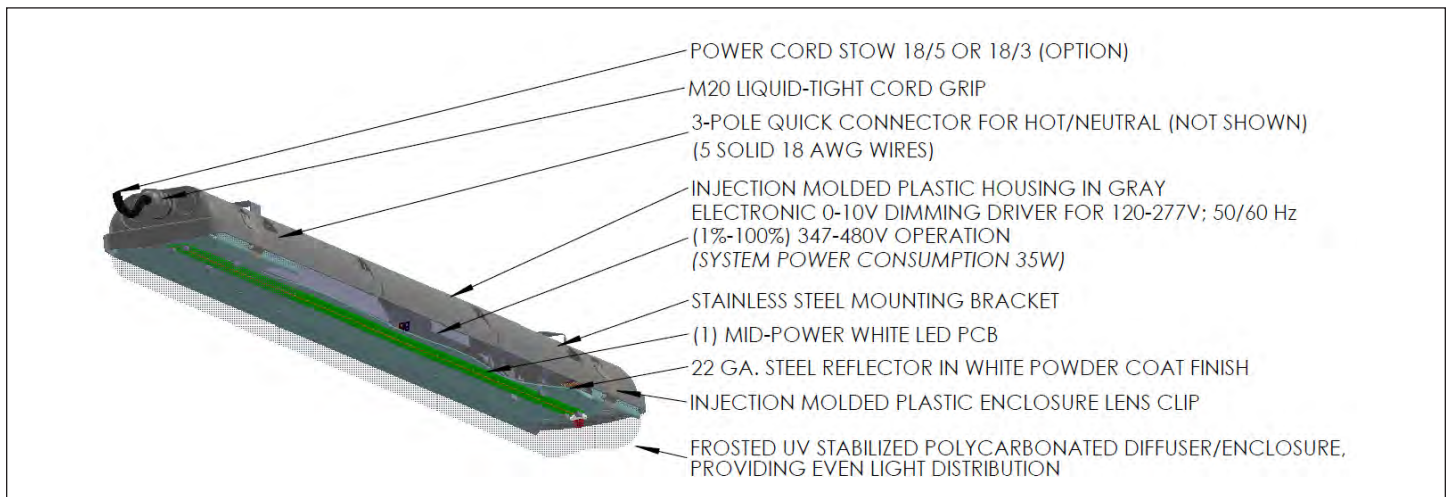
NOTE 7: Standard pendant lengths "x" = 12 (12"), 24 (24") and 48 (48")

NOTE 8: Consult factory for non-standard lengths

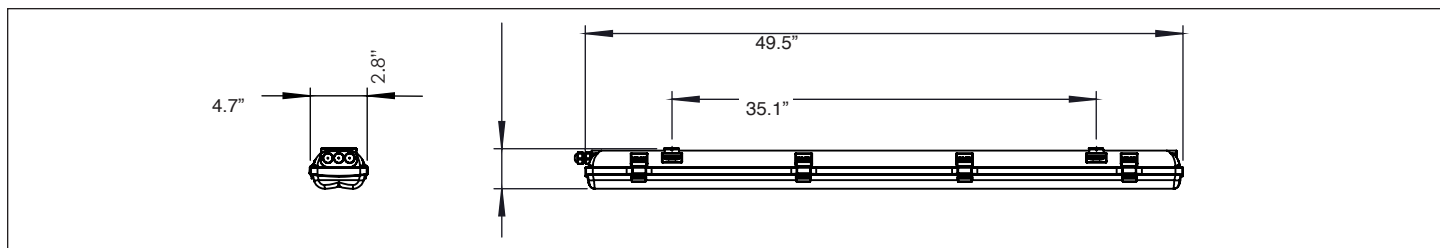
NOTE 9: Handheld remote to adjust FSP221 occ sensor

NOTE 10: Quick Mount bracket requires JM mount; FA option recommended for maximum labor savings

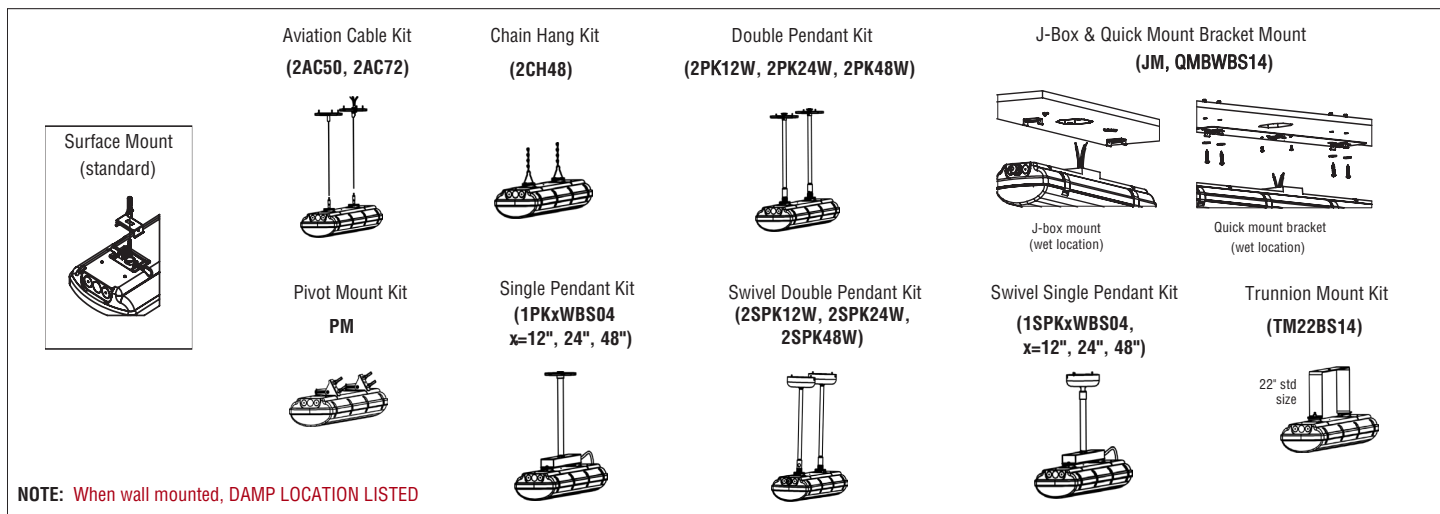
### TECHNICAL INFORMATION



## DIMENSIONS

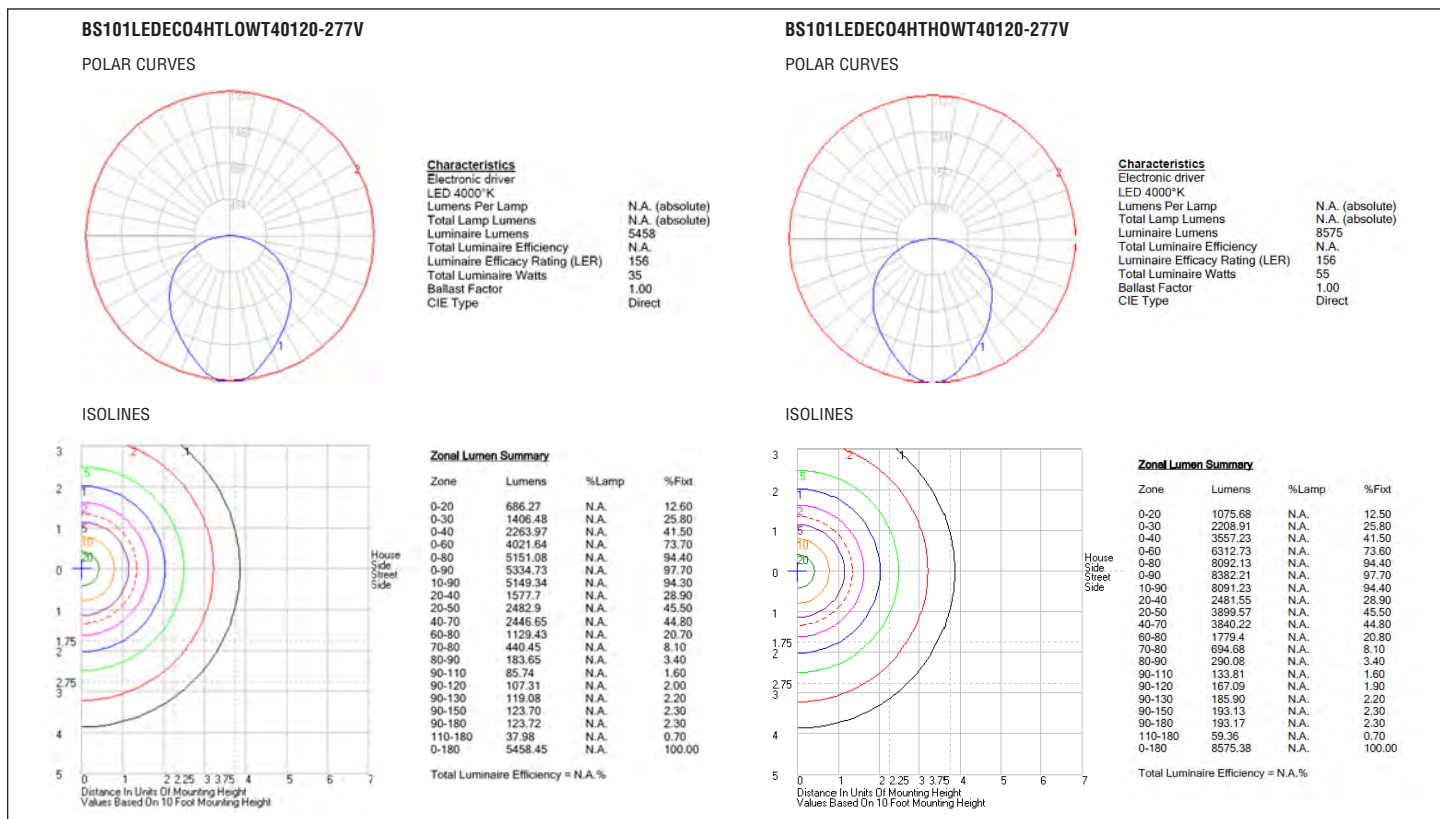


## MOUNTING OPTIONS



**NOTE:** When wall mounted, DAMP LOCATION LISTED

## PHOTOMETRICS



## ILLUMINA® BS101LED ECO

### ENERGY CHART

MODEL	LENGTH	EFFICACY	CONSUMPTION WATTAGE	LUMEN OUTPUT	CRI	L70 (HRS) TESTED	L70 (HRS) PROJECTED
BS101LED-ECO-4HT-LO-WT30-120-277V	4 ft	136 lm/W	35	4744	>80	>60,000	>100,000
BS101LED-ECO-4HT-LO-WT35-120-277V	4 ft	137 lm/W	35	4795	>80	>60,000	>100,000
BS101LED-ECO-4HT-LO-WT40-120-277V	4 ft	139 lm/W	35	4874	>80	>60,000	>100,000
BS101LED-ECO-4HT-LO-WT50-120-277V	4 ft	144 lm/W	35	5041	>80	>60,000	>100,000
BS101LED-ECO-4HT-HO-WT30-120-277V	4 ft	138 lm/W	55	7594	>80	>60,000	>100,000
BS101LED-ECO-4HT-HO-WT30-120-277V	4 ft	139 lm/W	55	7644	>80	>60,000	>100,000
BS101LED-ECO-4HT-HO-WT40-120-277V	4 ft	140 lm/W	55	7726	>80	>60,000	>100,000
BS101LED-ECO-4HT-HO-WT50-120-277V	4 ft	144 lm/W	55	7919	>80	>60,000	>100,000

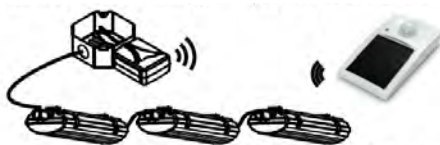


### ELECTRICAL RATING

PRODUCT	NOMINAL POWER (W)	AC CURRENT (A) AC VOLTAGE		FREQUENCY (HZ)	DC VOLTAGE (V)	DC CURRENT (MA)
		120 V	277 V			
BS101LED-ECO-HT-LO	35	0.30	0.13	50/60	45	650
BS101LED-ECO-HT-HO	55	0.47	0.20	50/60	45	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

### BEGHELLI LIGHTING CONTROL SOLUTIONS

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

\* Magnum control options also available (RLYM1 relay, MLM1 sensor, SW1M1 switch, NODM1 node 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.