

ILLUMINA®

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BS101LED ECO

- The **ILLUMINA® BS101LED ECO** is an economical, corrosion, flame and vandal resistant wet location luminaire certified to NSF/ANSI 2 for Splash Zone applications.
- **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 ²	WT30 (3000K)	120-277V	blank (surface mount standard)	FA ⁴ (fully assembled)	NOD ⁶ (integrated node)
		SA ¹ (AC & EM)	HO	WT35 (3500K)	347-480V		FP (fuse protection - 3A)	SP (surge protection - 10KA)
				WT40 (4000K)		JM ³ (junction mount)	OS ^{5,6} (internal occ sensor)	SS (stainless steel clips)
				WT50 (5000K)				TPS (tamper proof screws)

CONTROLS & ACCESSORIES

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

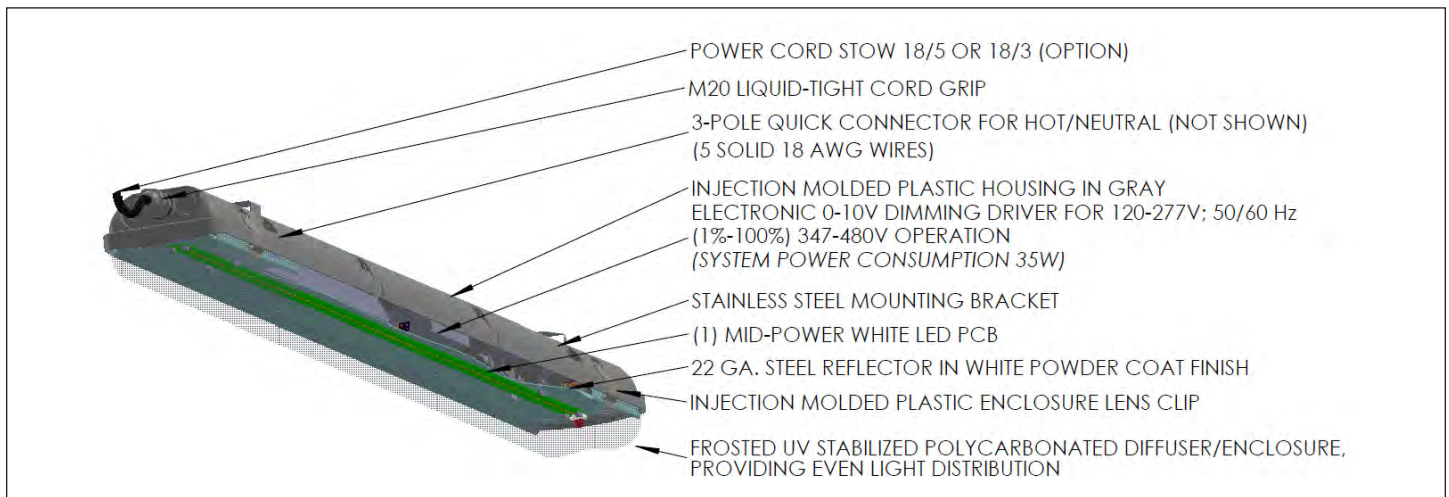
NOTE 7: Standard pendant lengths "x" = 12 (12"), 24 (24") and 48 (48")

NOTE 8: Consult factory for non-standard lengths

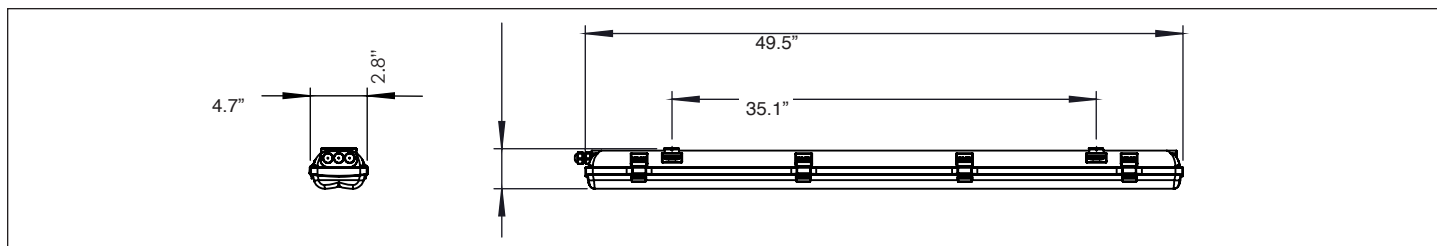
NOTE 9: Handheld remote to adjust FSP221 occ sensor

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

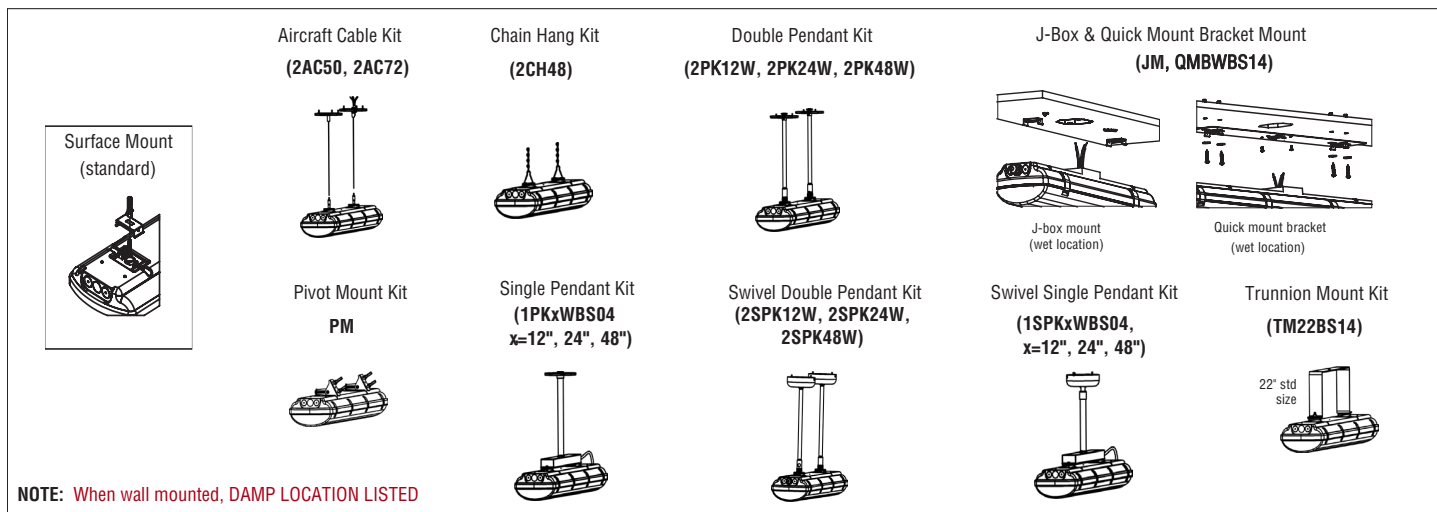
TECHNICAL INFORMATION



DIMENSIONS

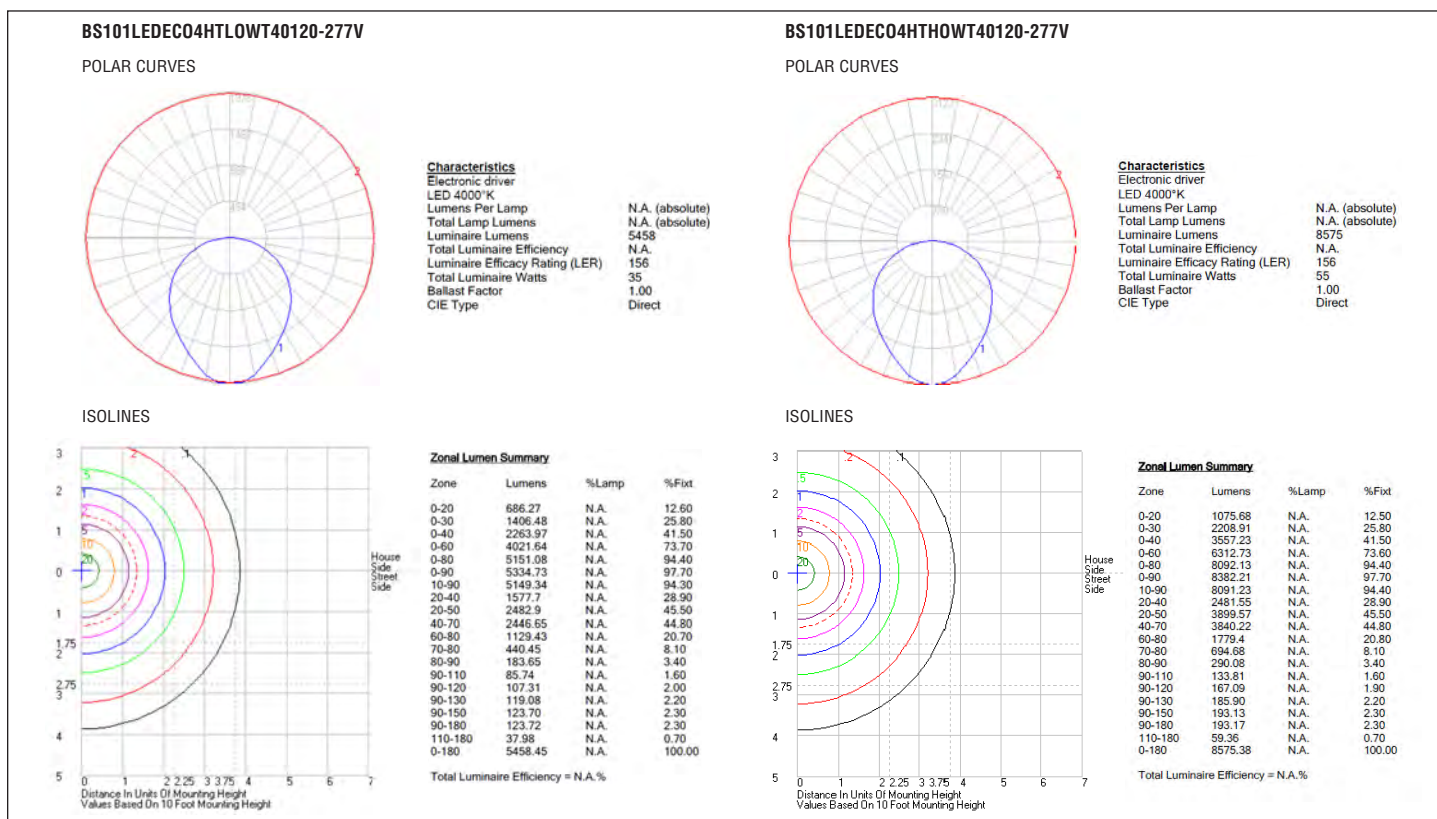


MOUNTING OPTIONS



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)	
RLY* Wireless Relay (Damp Location)	EMDCB* Remote Sensor (Damp Location)	SW1* Single Switch (Damp Location)	OS (Beghelli standard) (Wet Location)	SW1* Single Switch (Damp Location)
 Max range: 100ft Max fixtures: 20				
			External occ sensor options: OSM1* , SBOR , CRMB9 , OSFSP221 , etc.	
INTEGRATED NODE (NOD)				
NOD* Node	EMDCB* Remote Sensor (Damp Location)	SW1* Single Switch (Damp Location)		
				

* 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.