

## BS100LED-PLUS2

- The ILLUMINA® BS100LED-PLUS2 vapor tight is corrosion, flame and vandal resistant.
- **HOUSING:** 100% UV stabilized polycarbonate, liquid silicone perimeter gasket with memory retention.
- **DIFFUSER:** Frosted UV stabilized polycarbonate diffuser, providing even light distribution.
- **LUMENS:** LO: 5518 up to 6069 lm  
HO: 7546 up to 8299 lm
- **OPERATING TEMP:**  
HT (AC Only) -40°F to 104°F (-40°C to 40°C)  
EM 32°F to 104°F (0°C to 40°C)
- **WEIGHT:** 5 lbs / 2.2 kg



**APPLICATION:** The ILLUMINA® BS100LED-PLUS2 is ideal for various applications including retail, industrial, parking garages, barns, carport, parking structures, warehouses, breezeways, canopies, schools, and much more. It can be installed both indoor and outdoor.

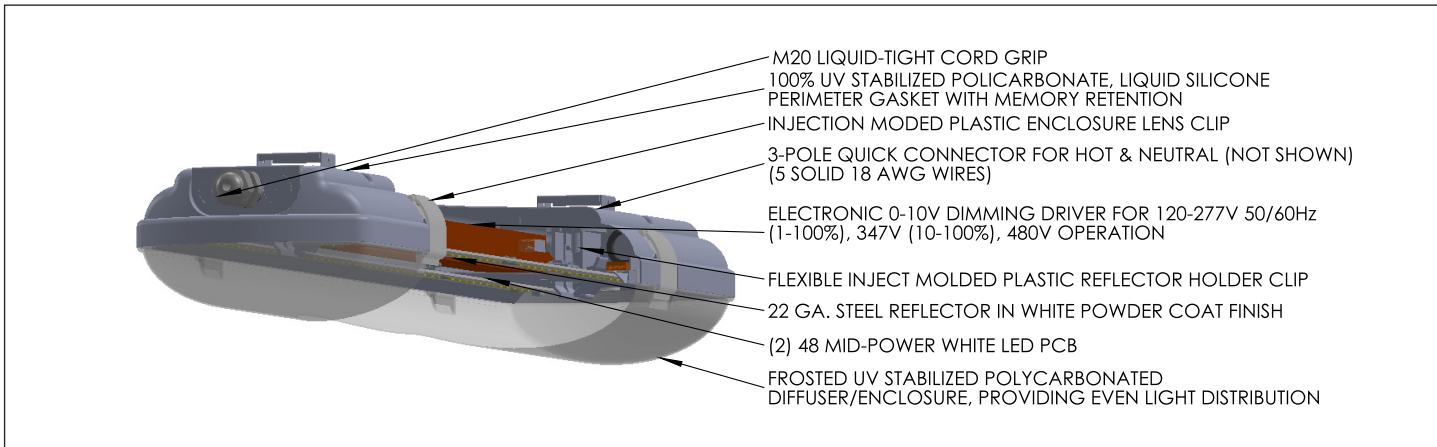
### CONFIGURATIONS

MODEL	LENGTH	OPERATION	LUMENS	COLOR TEMP	INPUT	MOUNTING	OPTIONS
BS100LED-PLUS	2 (ft)	HT (AC only)	LO	WT35 (3500K)	120-277V	AC <sup>1</sup> (aviation cable)	EM <sup>5</sup> (emergency backup-remote)
			HO	WT40 (4000K)	347V	SPK <sup>2</sup> (single pendant kit)	SS (stainless steel clips)
				WT50 (5000K)	480V	SVLSPK <sup>2</sup> (swivel single pendant kit)	FP (fuse protection - 3A)
						SVLDPK <sup>2</sup> (swivel double pendant kit)	TPS <sup>9</sup> (tamper proof screws)
						DPK <sup>2</sup> (double pendant kit)	TPB (tamper proof under driver bit)
						CH <sup>2</sup> (chain hang kit)	NODL <sup>7</sup> (integrated node - LOGICA)
						TM <sup>2</sup> (trunnion mount)	IOSL <sup>7</sup> (internal occupancy sensor - LOGICA)
						PM (pivot mount)	EOSL <sup>7</sup> (external occupancy sensor - LOGICA)
						JM <sup>3</sup> (junction mount)	IOS <sup>8</sup> (internal occupancy sensor)
						QMB <sup>4</sup> (quick mount bracket)	EOS (external occupancy sensor)
						MM (magnet surface mount)	SP (surge protection - 10KA)
							B <sup>9</sup> (black housing)
							W <sup>9</sup> (white housing)
							FA <sup>10</sup> (fully assembled)

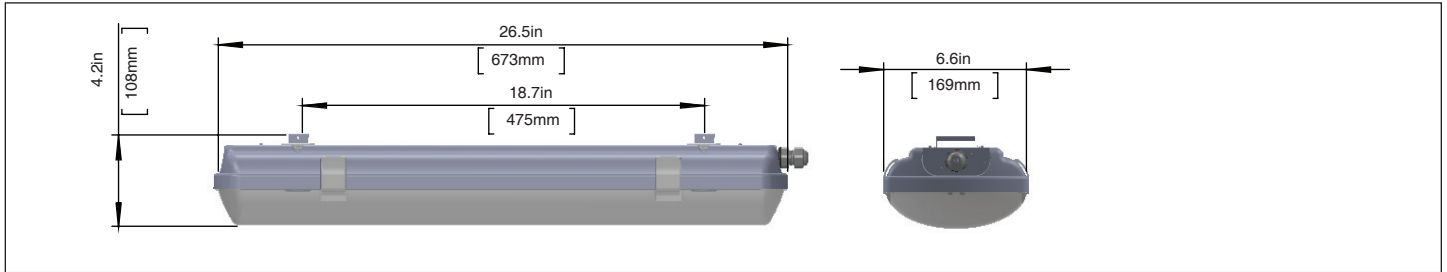
NOTE 1: Specify length for AC:50", 72", 100", 150", 250" fully adjustable.  
 NOTE 2: SPK, DPK, CH, TM, SVLSPK, & SVLDPK options must specify length.  
 NOTE 3: JM option - the unit is no longer wet location, but damp location.  
 NOTE 4: QMB must be used with JM.  
 NOTE 5: Field installation emergency pack; 120/277V; 20W; 2354 lumens.  
 NOTE 6: 18-8 stainless steel screws.

NOTE 7: Logica (Beggelli wireless and powerless control solutions). Contact factory for more details.  
 NOTE 8: FSP-221-requires wireless IR handheld remote (HHR-FSIR) for changing defaults and testing of occupancy sensor. Order as needed (item #476100186). For more details, contact factory.  
 NOTE 9: Contact factory.  
 NOTE 10: Includes latches and grommets installed at the factory. Can be combined with the JM option.

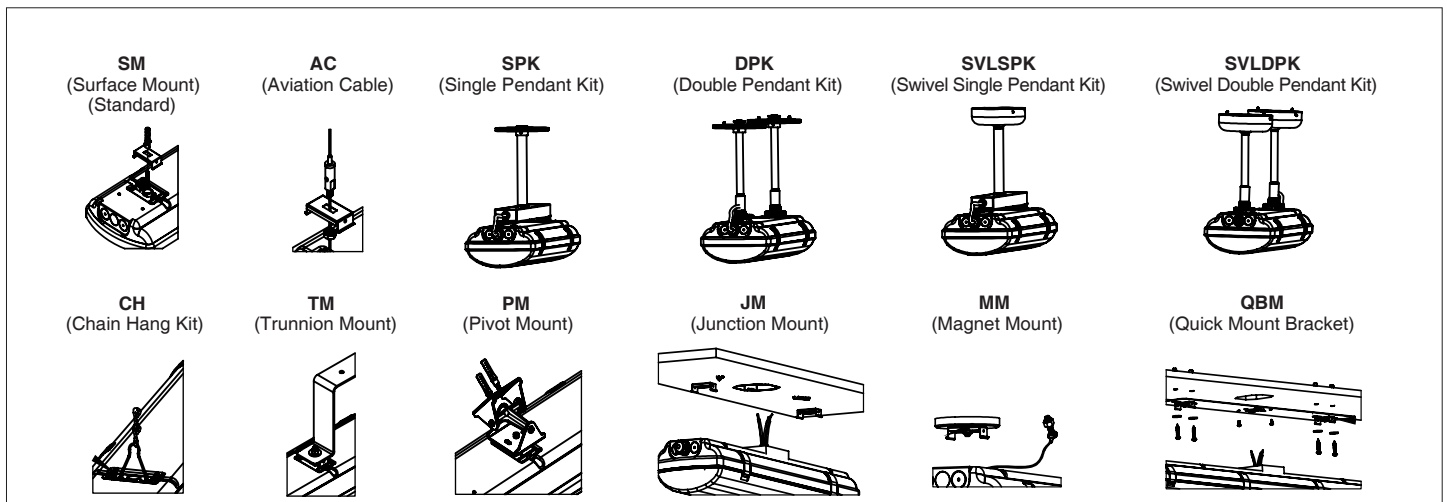
### TECHNICAL INFORMATION



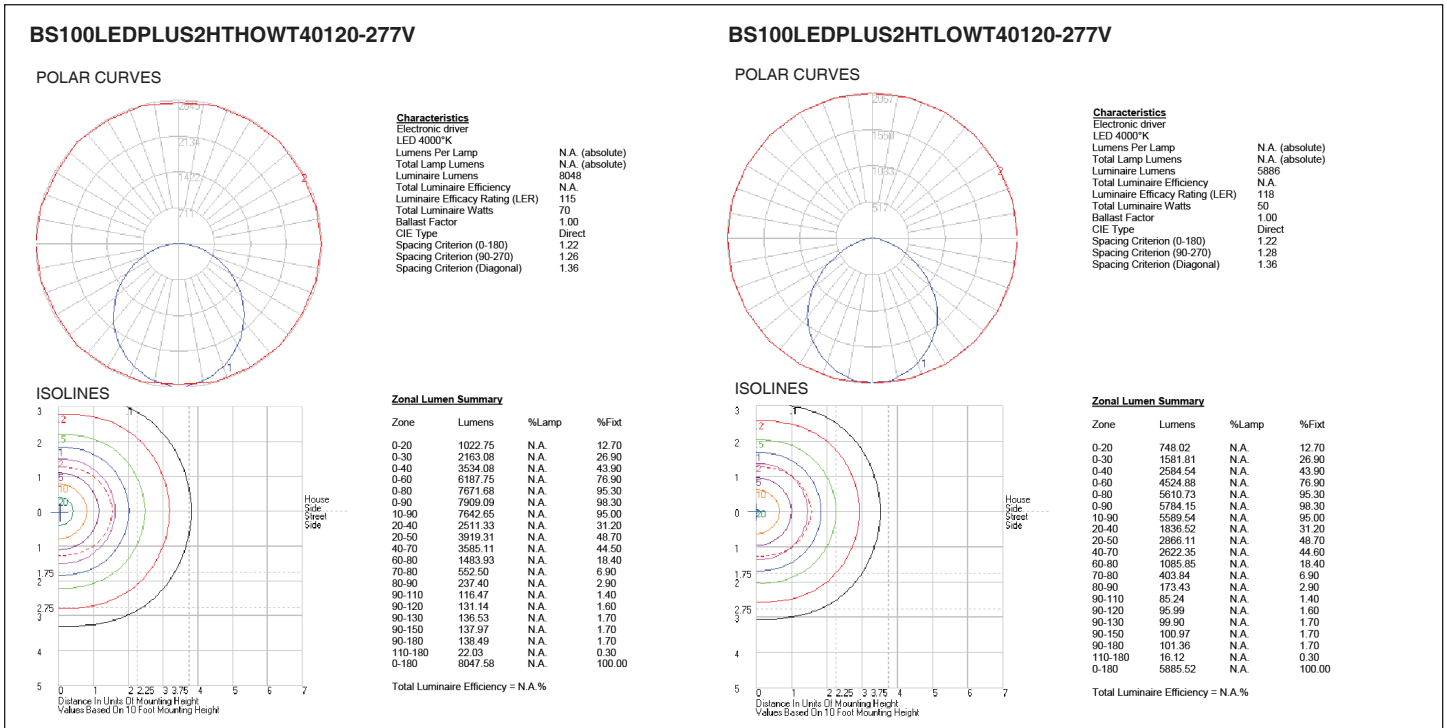
DIMENSIONS



MOUNTING OPTIONS



PHOTOMETRICS



# ILLUMINA® BS100LED-PLUS2

ADDITIONAL INFORMATION

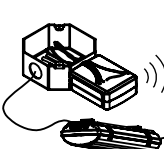


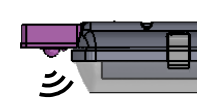

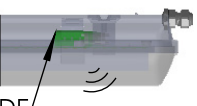




## ENERGY CHART

MODEL	LENGTH	EFFICACY	CONSUMPTION WATTAGE	LUMEN OUTPUT	CRI	L70 (hrs.)	L88 (hrs.)
BS100LED-PLUS2-HT-LO-WT35-120-277V	2 ft	110 lm/W	50	5518	>80	>60,000	>51,000
BS100LED-PLUS2-HT-LO-WT40-120-277V	2 ft	118 lm/W	50	5886	>80	>60,000	>51,000
BS100LED-PLUS2-HT-LO-WT50-120-277V	2 ft	121 lm/W	50	6069	>80	>60,000	>51,000
BS100LED-PLUS2-HT-HO-WT35-120-277V	2 ft	108 lm/W	70	7546	>80	>60,000	>51,000
BS100LED-PLUS2-HT-HO-WT40-120-277V	2 ft	115 lm/W	70	8048	>80	>60,000	>51,000
BS100LED-PLUS2-HT-HO-WT50-120-277V	2 ft	119 lm/W	70	8299	>80	>60,000	>51,000

## ELECTRICAL RATING

PRODUCT	NOMINAL POWER (W)	AC CURRENT (A)		FREQUENCY (HZ)	DC VOLTAGE (V)	DC CURRENT (MA)
		AC VOLTAGE 120V	AC VOLTAGE 277V			
BS100LED-PLUS2-HT-LO	50	0.43	0.18	50/60	45	1000
BS100LED-PLUS2-HT-HO	70	0.59	0.26	50/60	45	1300

## LOGICA (WIRELESS & POWERLESS LIGHTING CONTROL SOLUTIONS)

DAISY CHAIN FIXTURES (RLYL)			EXTERNAL NODE & SENSOR (EOSL)	
<p><b>LOG-RLY</b> WIRELESS RELAY (DRY LOCATION)</p> 	<p><b>LOG-ESRP</b> SWITCH (ACCESSORY) (DRY LOCATION)</p> 	<p><b>LOG-ML2</b> REMOTE SENSOR (ACCESSORY) (DRY LOCATION)</p> 	<p><b>LOG-HBKO10V / HBKOD</b> NODE &amp; SENSOR (KNOCK-OUT)</p> 	<p><b>LOG-ESRP</b> SWITCH (ACCESSORY) (DRY LOCATION)</p> 
INTEGRATED NODE (NODL)			INTEGRATED NODE & SENSOR (IOSL)	
<p><b>LOG-10V12/DRD</b> (NODE 0-10V/DALI) (INTEGRATED)</p> 	<p><b>LOG-ESRP</b> SWITCH (ACCESSORY) (DRY LOCATION)</p> 	<p><b>LOG-ML2</b> REMOTE SENSOR (ACCESSORY) (DRY LOCATION)</p> 	<p><b>LOG-ML10V/MLD</b> NODE &amp; SENSOR (INTEGRATED) (ON LENS)</p> 	<p><b>LOG-ESRP</b> SWITCH (ACCESSORY) (DRY LOCATION)</p> 
<p>FOR DETAILS PLEASE SEE LIGHTING CONTROL SOLUTION CONFIGURATION.</p>				

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