

ILLUMINA®



BS100LED PG

PARKING GARAGE

- The **ILLUMINA®** BS100LED PG 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:**

	2FT	4FT
LO:	3457 - 4134 lm	VLO: 3919 - 4674 lm
MO:	4615 - 5503 lm	LO: 5210 - 6231 lm
HO:	5766 - 6885 lm	HO: 7221 - 8622 lm
		VHO: 8426 - 9768 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:** Power Factor > 0.95
- **TOTAL HARMONIC DISTORTION (THD)** < 20%
- **WEIGHT:** 2ft: 5 lbs / 2.2 kg / 4ft: 10 lbs / 4.5 kg



APPLICATION: The **BS100LED PG** is specifically designed to meet requirements for parking structures.

ORDERING INFORMATION

MODEL	LENGTH	OPERATION	OUTPUT	COLOR TEMP	INPUT	MOUNTING	OPTIONS
BS100LED PG	2 (ft)	HT (AC only)	VLO ²	WT30 (3000K)	120-277V	blank (surface mount standard)	BLK ⁴ (4' black housing) OS ^{8,9} (external occ sensor)
	4 (ft)	SA ¹ (AC & EM)	LO	WT40 (4000K)	347-480V		CRD ⁵ (black, 18AWG) NOD ⁹ (integrated node)
			HO	WT50 (5000K)		JM ⁶ (j-box mount)	FA ⁶ (fully assembled) SP (surge protection - 10 KA)
			VHO ²				FP (fuse protection - 3A) SS (stainless steel clips)
							IS ^{7,9} (internal occ sensor) TPS (tamper proof screws)

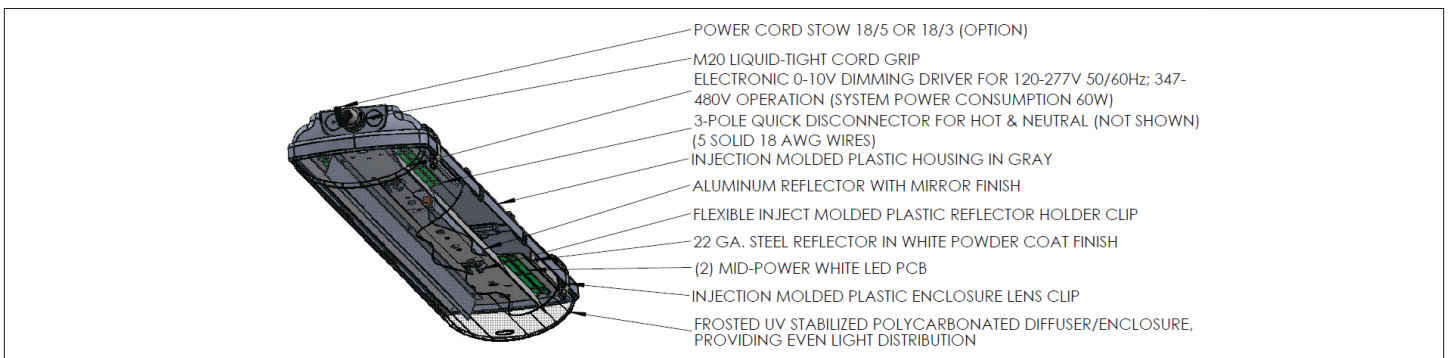
CONTROLS & ACCESSORIES

1PKxWBS02 ^{11,12} (single pendant kit, 2' fixture, white, x=length)	2CH48 ¹² (48" chairhang kit, field cuttable)	QMBWBS02 ¹⁴ (IP66 quick mount bracket, 2' fixture)
1PKxWBS04 ^{11,12} (single pendant kit, 2' fixture, white, x=length)	EMDCB ⁹ (BT wireless motion & lux sensor)	QMBWBS04 ¹⁴ (IP66 quick mount bracket, 4' fixture)
1SPKxWBS02 ^{11,12} (swivel single pendant kit, 2' fixture, white, x=length)	HHRFSIR ¹⁰ (hand held remote for FSP221)	RLY ⁹ (wireless relay)
1SPKxWBS04 ^{11,12} (swivel single pendant kit, 4' fixture, white, x=length)	MLM1 ⁹ (wireless motions and lux sensor)	TM22BS02 ¹² (22" length trunnion mount, 2' fixture)
2PKxW ^{11,12} (double pendant kit, white, x=length)	MM ¹³ (magnet mount)	TM22BS04 ¹² (22" length trunnion mount, 4' fixture)
2SPKxW ^{11,12} (swivel double pendant kit, white, x=length)	PM (pivot mount)	
2ACx ¹² (adjustable aviation cable, x=length; 50=50", 72=72")		

NOTE 1: Emergency pack 120-277V; 7W/912 lm (2ft) & 10W/1474 lm (4ft)
 NOTE 2: VLO and VHO are available in 4 ft only.
 NOTE 3: JM: direct j-box mount maintains fixture's IP66 rating
 NOTE 4: For 2' fixture, contact factory for lead time, MOQ 1000
 NOTE 5: Specify length for CRD, specify 3 or 5 conductor
 NOTE 6: Includes latches, grommets, etc. installed at factory for quick installation
 NOTE 7: IS is std Beggelli sensor; FSP221, Magnum ISM1 and other sensors are available

NOTE 8: OS is std Beggelli sensor (Magnum OSM1, CRMB9, OSFSP221, SBOR and other sensors also available)
 NOTE 9: Beggelli offers wireless and powerless control solutions, contact factory for more details
 NOTE 10: FSP221 AND OSFSP221 require HHRFSIR handheld remote accessory
 NOTE 11: Standard pendant lengths "x" = 12 (12"), 24 (24") and 48 (48")
 NOTE 12: Consult factory for non-standard lengths
 NOTE 13: Magnetic mounts must be installed to steel beam measuring minimum 3/16" thick
 NOTE 14: Quick Mount bracket requires JM mount; FA option recommended for maximum labor savings NOTE: Surface mount is standard.

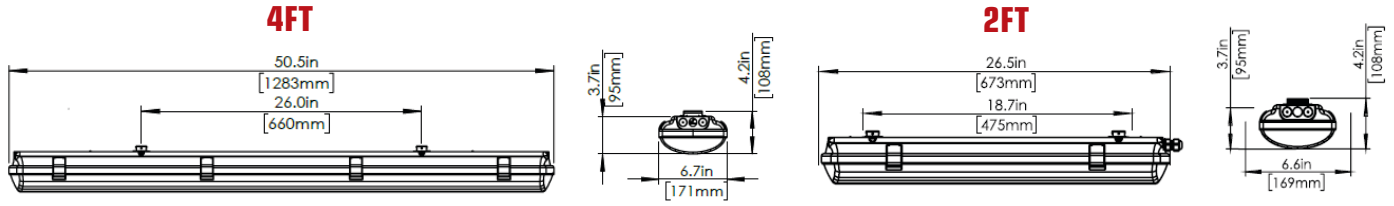
TECHNICAL INFORMATION



ILLUMINA® BS100LED PG

ADDITIONAL INFORMATION

DIMENSIONS

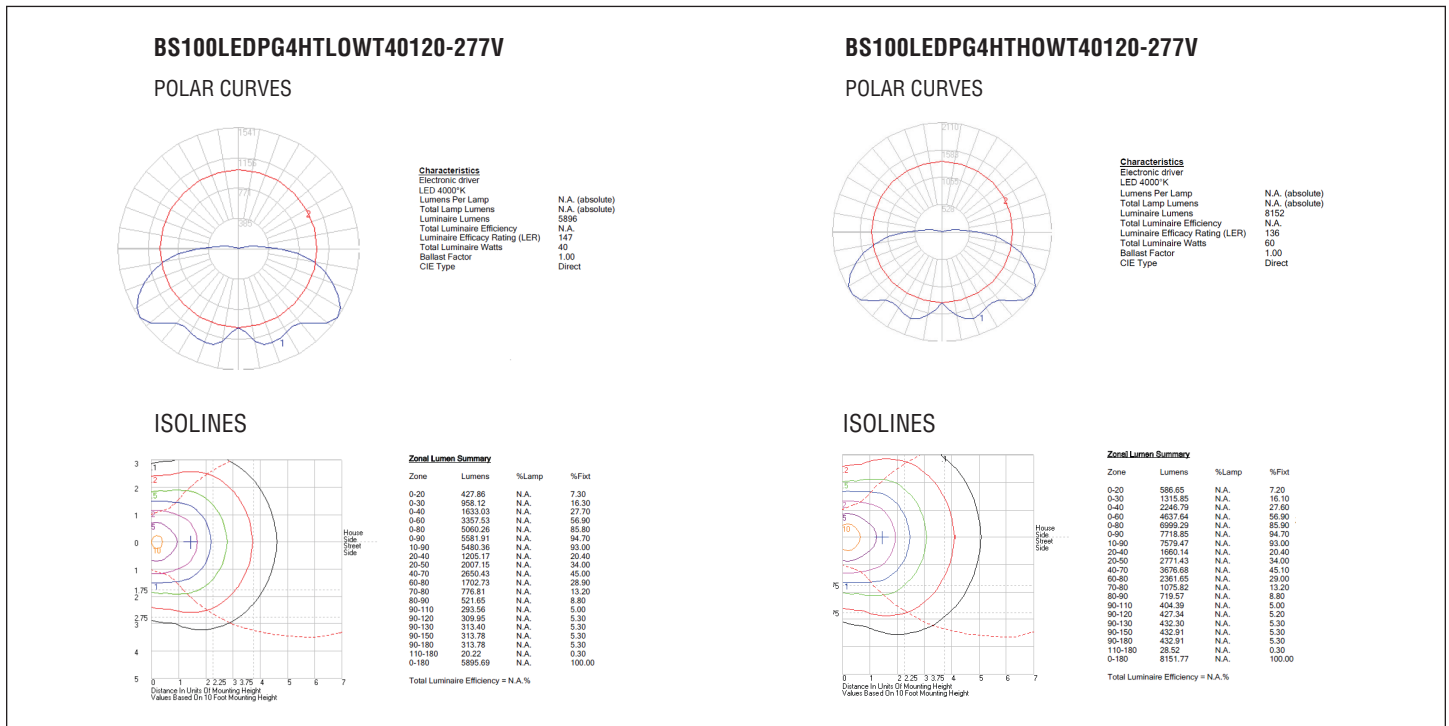


MOUNTING OPTIONS

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) 	
Magnet Mount Kit (MM) 	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)

NOTE: When wall mounted, DAMP LOCATION LISTED

PHOTOMETRICS



ILLUMINA® BS100LED PG

ADDITIONAL INFORMATION

ENERGY CHART

MODEL	LENGTH	EFFICACY	CONSUMPTION WATTAGE	LUMEN OUTPUT	CRI	L70 (HRS) TESTED	L70 (HRS) PROJECTED
2FT							
BS100LED PG 2HT LO WT30 120-277V	2 ft	115 lm/W	30	3457	>80	>60,000	>100,000
BS100LED PG-2HT LO WT40 120-277V	2 ft	130 lm/W	30	3908	>80	>60,000	>100,000
BS100LED PG 2HT LO WT50 120-277V	2 ft	138 lm/W	30	4134	>80	>60,000	>100,000
BS100LED PG 2HT MO WT30 120-277V	2 ft	115 lm/W	40	4615	>80	>60,000	>100,000
BS100LED PG 2HT MO WT40 120-277V	2 ft	130 lm/W	40	5205	>80	>60,000	>100,000
BS100LED PG 2HT MO WT50 120-277V	2 ft	138 lm/W	40	5503	>80	>60,000	>100,000
BS100LED PG 2HT HO WT30 120-277V	2 ft	115 lm/W	50	5766	>80	>60,000	>100,000
BS100LED PG 2HT HO WT40 120-277V	2 ft	130 lm/W	50	6512	>80	>60,000	>100,000
BS100LED PG 2HT HO WT50 120-277V	2 ft	138 lm/W	50	6885	>80	>60,000	>100,000
4FT							
BS100LED PG 4HT VLO WT30 120-277V	4 ft	131 lm/W	30	3919	>80	>60,000	>100,000
BS100LED PG 4HT VLO WT40 120-277V	4 ft	147 lm/W	30	4421	>80	>60,000	>100,000
BS100LED PG 4HT VLO WT50 120-277V	4 ft	151 lm/W	30	4674	>80	>60,000	>100,000
BS100LED PG 4HT LO WT30 120-277V	4 ft	130 lm/W	40	5210	>80	>60,000	>100,000
BS100LED PG 4HT LO WT40 120-277V	4 ft	147 lm/W	40	5896	>80	>60,000	>100,000
BS100LED PG 4HT LO WT50 120-277V	4 ft	156 lm/W	40	6231	>80	>60,000	>100,000
BS100LED PG 4HT HO WT30 120-277V	4 ft	120 lm/W	60	7221	>80	>60,000	>100,000
BS100LED PG 4HT HO WT40 120-277V	4 ft	136 lm/W	60	8152	>80	>60,000	>100,000
BS100LED PG 4HT HO WT50 120-277V	4 ft	144 lm/W	60	8622	>80	>60,000	>100,000
BS100LED PG 4HT VHO WT30 120-277V	4 ft	120 lm/W	70	8426	>80	>60,000	>100,000
BS100LED PG 4HT VHO WT40 120-277V	4 ft	136 lm/W	70	9512	>80	>60,000	>100,000
BS100LED PG 4HT VHO WT50 120-277V	4 ft	140 lm/W	70	9768	>80	>60,000	>100,000

ELECTRICAL RATING

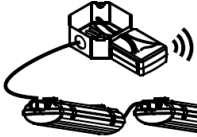


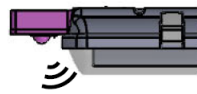

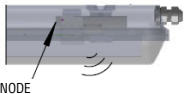




PRODUCT	NOMINAL POWER (W)	AC CURRENT (A) AC VOLTAGE		FREQUENCY (HZ)	DC VOLTAGE (V)	DC CURRENT (MA)
		120 V	277 V			
2FT						
BS100LED PG 2HT LO	30	0.26	0.11	50/60	45	600
BS100LED PG 2HT MO	40	0.34	0.15	50/60	45	800
BS100LED PG 2HT HO	50	0.43	0.18	50/60	45	1000
4FT						
BS100LED PG 4HT VLO	30	0.26	0.11	50/60	45	600
BS100LED PG 4HT LO	40	0.34	0.15	50/60	45	800
BS100LED PG 4HT HO	60	0.51	0.22	50/60	45	1200
BS100LED PG 4HT VHO	70	0.60	0.26	50/60	45	1400

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

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

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>External occ sensor options: OSM1*, SBOR, CRMB9, OSFSP221, etc.</p>	<p>SW1* Single Switch (Damp Location)</p> 
INTEGRATED NODE (NOD)			INTEGRATED NODE & SENSOR (IS)	
<p>NOD* Node</p>  <p>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>Internal occ sensor options: ISM1*, FSP221, etc.</p>	<p>SW1* Single Switch (Damp Location)</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 years, see website for full warranty details