

ILLUMINA®**TITLE 20****TITLE 24**

BS100LED PG

PARKING GARAGE

- The **ILLUMINA®** BS100LED PG is a corrosion, flame and vandal resistant vapor tight that is certified for NSF/ ANSI 2 Splash Zone applications.
- 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: 3887 - 4198 lm	VLO: 4200 - 4470 lm
MO: 5287 - 5613 lm	LO: 5600 - 5960 lm
HO: 6600 - 7016 lm	HO: 8400 - 8911 lm
	VHO: 9687 - 10,396 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)
- ELECTRICAL:** 120-277V, 50/60HZ; 0-10VDC dimming; PF >0.95; THD < 20%
- WEIGHT:** 2ft: 5 lb / 2.2 kg / 4ft: 10 lb / 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)	OSBSR ^{8,9} (external occ sensor)
			HO	WT50 (5000K)		JM ³ (j-box mount)	FA ⁶ (fully assembled)	NOD ⁹ (integrated node)
			VHO ²				FP (fuse protection - 3A)	SP (surge protection - 10 KA)
							IS ^{7,9} (internal occ sensor)	SS (stainless steel clips)
							ISBSR ^{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" chain hang kit, field cuttable)	QMBWBS02 ¹⁴ (IP66 quick mount bracket, 2' fixture)
1PKxWBS04 ^{11,12} (single pendant kit, 4' 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)	MM ¹³ (magnet mount)	TM22BS02 ¹² (22" length trunnion mount, 2' fixture)
2PKxW ^{11,12} (double pendant kit, white, x=length)	PM (pivot mount)	TM22BS04 ¹² (22" length trunnion mount, 4' fixture)
2SPKxW ^{11,12} (swivel double pendant kit, white, x=length)		
2ACx ¹² (adjustable aircraft cable, x=length; 50=50", 72=72")		

NOTE 1: Emergency pack 120-277V; 7W/912 lm (2 ft) & 10W/1474 lm (4 ft)

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 and 3 or 5-conductor (CRD required for suspension mounting: pendant and chain/ cable kit accessories)

NOTE 6: Includes latches, grommets, etc. installed at factory for quick installation

NOTE 7: IS is std Beghelli sensor (DLC Listed ISBSR; as well as FSP221 and other sensors are available; SEE CONTROLS SECTION ON PAGE 4)

NOTE 8: OS is std Beghelli sensor (DLC Listed OSBSR; as well as CRMB9, OSFSP221, SBOR and other sensors also available, SEE CONTROLS SECTION ON PAGE 4)

NOTE 9: Beghelli 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.

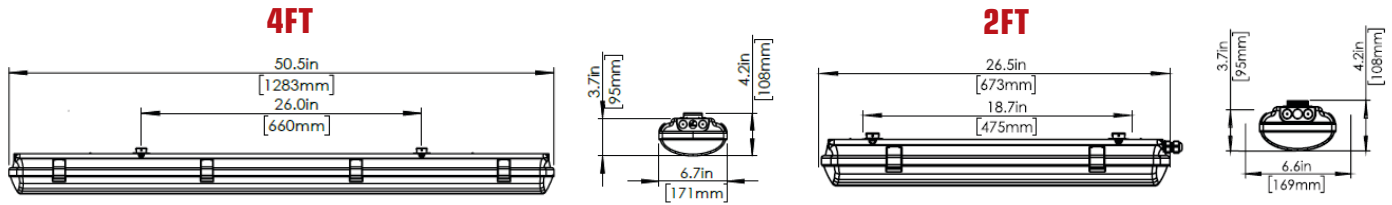
TECHNICAL INFORMATION



ILLUMINA BS100LED PG

ADDITIONAL INFORMATION

DIMENSIONS

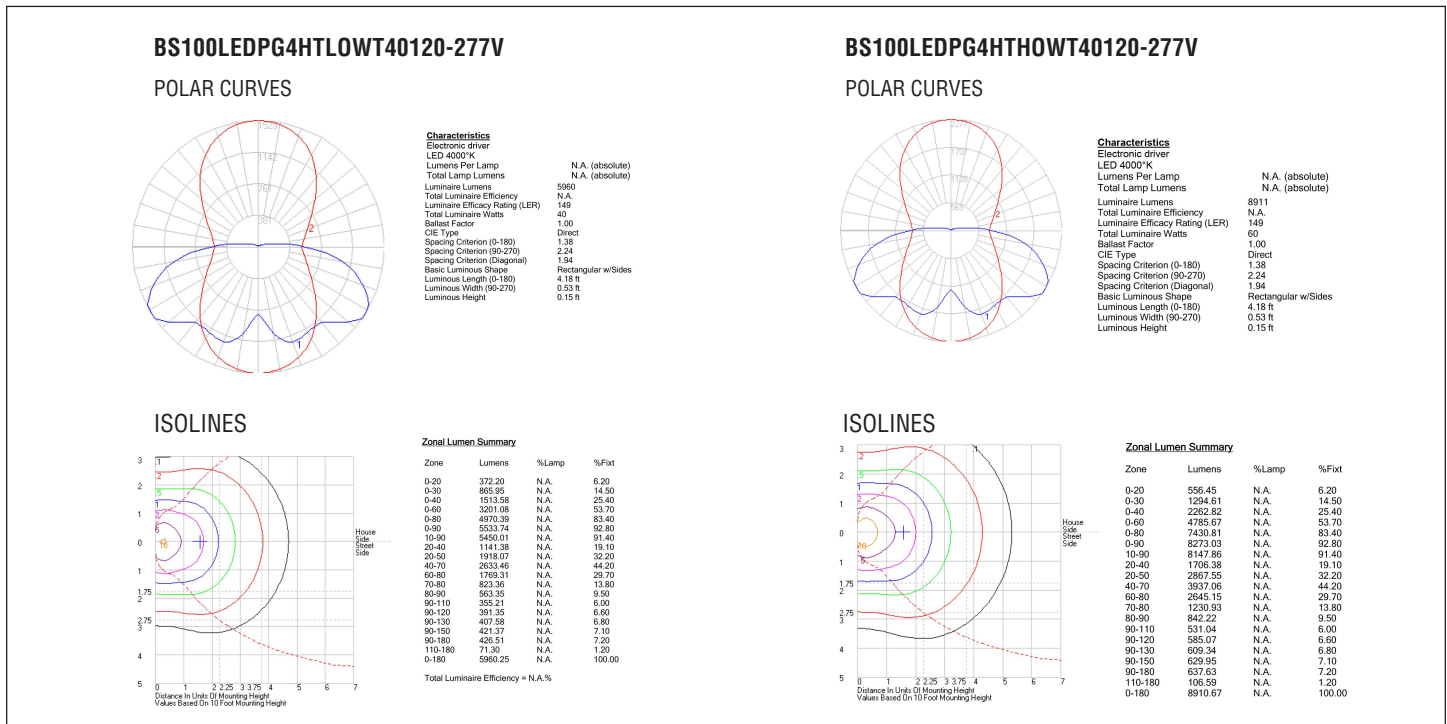


MOUNTING OPTIONS

Surface Mount (standard) 	Aircraft 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
NOTE: CRD option required for all suspension mount kits

PHOTOMETRICS



ILLUMINA BS100LED PG

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	130 lm/W	30	3887	>80	>60,000	>100,000
BS100LED PG-2HT LO WT40 120-277V	2 ft	140 lm/W	30	4198	>80	>60,000	>100,000
BS100LED PG 2HT LO WT50 120-277V	2 ft	140 lm/W	30	4198	>80	>60,000	>100,000
BS100LED PG 2HT MO WT30 120-277V	2 ft	132 lm/W	40	5287	>80	>60,000	>100,000
BS100LED PG 2HT MO WT40 120-277V	2 ft	140 lm/W	40	5613	>80	>60,000	>100,000
BS100LED PG 2HT MO WT50 120-277V	2 ft	140 lm/W	40	5613	>80	>60,000	>100,000
BS100LED PG 2HT HO WT30 120-277V	2 ft	132 lm/W	50	6600	>80	>60,000	>100,000
BS100LED PG 2HT HO WT40 120-277V	2 ft	140 lm/W	50	7016	>80	>60,000	>100,000
BS100LED PG 2HT HO WT50 120-277V	2 ft	140 lm/W	50	7016	>80	>60,000	>100,000
4FT							
BS100LED PG 4HT VLO WT30 120-277V	4 ft	140 lm/W	30	4200	>80	>60,000	>100,000
BS100LED PG 4HT VLO WT40 120-277V	4 ft	149 lm/W	30	4470	>80	>60,000	>100,000
BS100LED PG 4HT VLO WT50 120-277V	4 ft	149 lm/W	30	4470	>80	>60,000	>100,000
BS100LED PG 4HT LO WT30 120-277V	4 ft	140 lm/W	40	5600	>80	>60,000	>100,000
BS100LED PG 4HT LO WT40 120-277V	4 ft	149 lm/W	40	5960	>80	>60,000	>100,000
BS100LED PG 4HT LO WT50 120-277V	4 ft	149 lm/W	40	5960	>80	>60,000	>100,000
BS100LED PG 4HT HO WT30 120-277V	4 ft	140 lm/W	60	8400	>80	>60,000	>100,000
BS100LED PG 4HT HO WT40 120-277V	4 ft	149 lm/W	60	8911	>80	>60,000	>100,000
BS100LED PG 4HT HO WT50 120-277V	4 ft	149 lm/W	60	8911	>80	>60,000	>100,000
BS100LED PG 4HT VHO WT30 120-277V	4 ft	138 lm/W	70	9687	>80	>60,000	>100,000
BS100LED PG 4HT VHO WT40 120-277V	4 ft	149 lm/W	70	10396	>80	>60,000	>100,000
BS100LED PG 4HT VHO WT50 120-277V	4 ft	149 lm/W	70	10396	>80	>60,000	>100,000

ELECTRICAL RATING

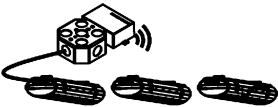
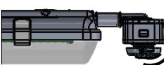
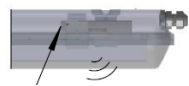
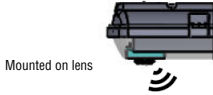
PRODUCT	NOMINAL POWER (W)	AC CURRENT (A) AC VOLTAGE		FREQUENCY (HZ)	DC VOLTAGE (V)	DC CURRENT (MA)
		120 V	277 V			
2FT						
BS100LED PG 2HT LO	30	0.26	0.11	50/60	45	600
BS100LED PG 2HT MO	40	0.34	0.15	50/60	45	800
BS100LED PG 2HT HO	50	0.43	0.18	50/60	45	1000
4FT						
BS100LED PG 4HT VLO	30	0.26	0.11	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)	
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: OSB**, OSBC**, OSBSR**, SBOR, CRMB9, OSFSP221, etc.	
INTEGRATED NODE (NOD)			INTEGRATED NODE & SENSOR (IS)	
NOD* Node 	EMDCB* Remote Sensor (Damp Location) 	SW1* Single Switch (Damp Location) 	IS (Beghelli standard) (Wet Location) 	SW1* Single Switch (Damp Location) 
			Internal occ sensor options: ISB**, ISBC**, ISBSR**, FSP221, etc.	

** B = Bluetooth Mesh; BC = Casambi Mesh; BSR = DLC-listed TruBlu Silvair Mesh
❖ 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