

ILLUMINA®



TITLE 20 TITLE 24



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.

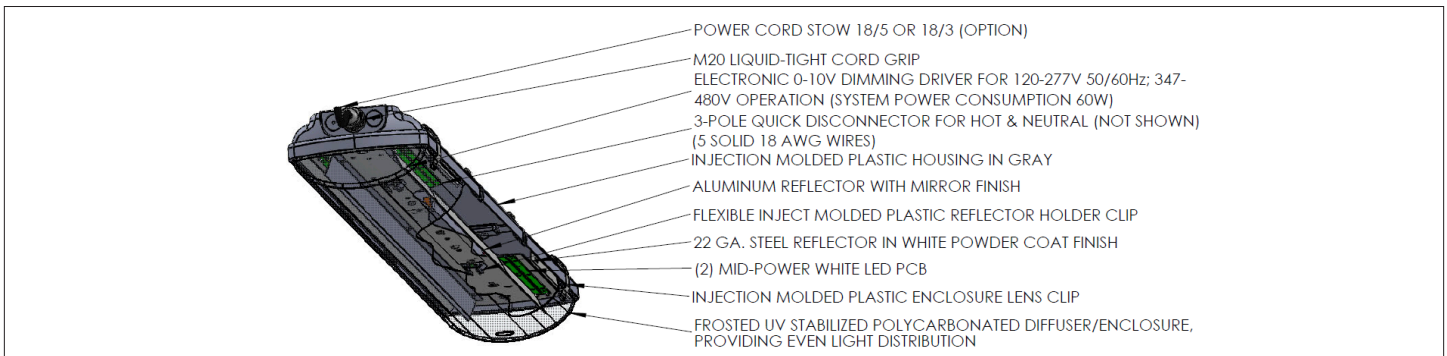
CONFIGURATIONS

MODEL	LENGTH	OPERATION	OUTPUT	COLOR TEMP	INPUT	MOUNTING	OPTIONS
BS100LED-PG	2 (ft)	HT (AC only)	VLO ²	WT30 (3000K)	120-277V	AC ³ (aviation cable)	BLK ⁸ (black housing)
	4 (ft)	SA ¹ (AC & EM)	LO	WT40 (4000K)	347-480V	CH ⁴ (chain hang kit)	WHT ⁸ (white housing)
			HO	WT50 (5000K)		DPK ⁴ (double pendant kit)	CRD ⁹ (black, 18AWG, 3-conductor cord)
			VHO ²			JM ⁵ (junction mount)	EOS ¹⁰ (external occupancy sensor)
						MM ⁶ (magnet mount)	EOSL ¹¹ (external occ. sensor - LOGICA)
						PM (pivot mount)	FA ¹² (fully assembled)
						QMB ⁷ (quick mount bracket)	FP (fuse protection - 3A)
						SPK ⁴ (single pendant kit)	HHR-FSIR (hand held remote)
						SVLDPK ⁴ (swivel double pendant kit)	IOS ¹³ (internal occupancy sensor)
						SVLSPK ⁴ (swivel single pendant kit)	IOSL ¹¹ (internal occ. sensor - LOGICA)
						TM ⁴ (trunion mount)	NODL ¹¹ (integrated node - LOGICA)
							RLYL (wireless relay and sensor)
							SP (surge protection - 10 KA)
							SS (stainless steel clips)
							TPS (tamper proof screws)

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: Specify length for AC:50", 72", 100", 150", 250" fully adjustable.
 NOTE 4: SPK, DPK, CH, TM, SVLDPK & SVLSPK options must specify length.
 NOTE 5: JM option - the unit is no longer wet location, but damp location.
 NOTE 6: Magnetic mounts must be installed to steel beam measuring minimum 3/16" (4.7mm) thick.
 NOTE 7: QMB must be used with JM.

NOTE 8: Contact factory. MOQ required.
 NOTE 9: Specify length for CRD.
 NOTE 10: Select CRMB 9, SBOR or PSP-221B family.
 NOTE 11: Logica (Beggelli wireless and powerless control solutions). Contact factory for more details.
 NOTE 12: Includes latches and grommets installed at the factory. Can be combined with the JM option.
 NOTE 13: FSP-221. Requires HHR-FSIR (hand held remote).
 NOTE: Surface mount is standard.

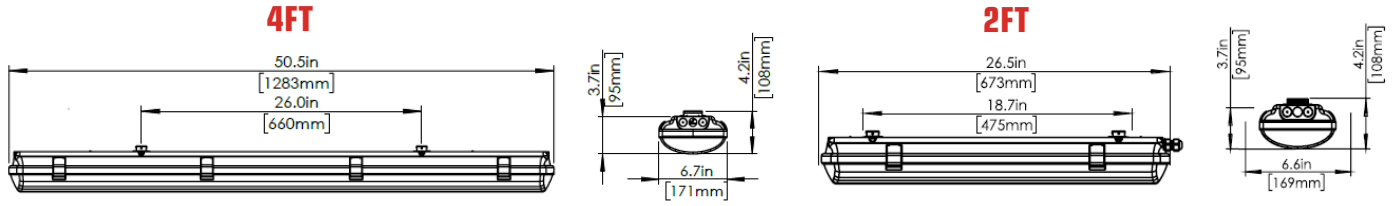
TECHNICAL INFORMATION



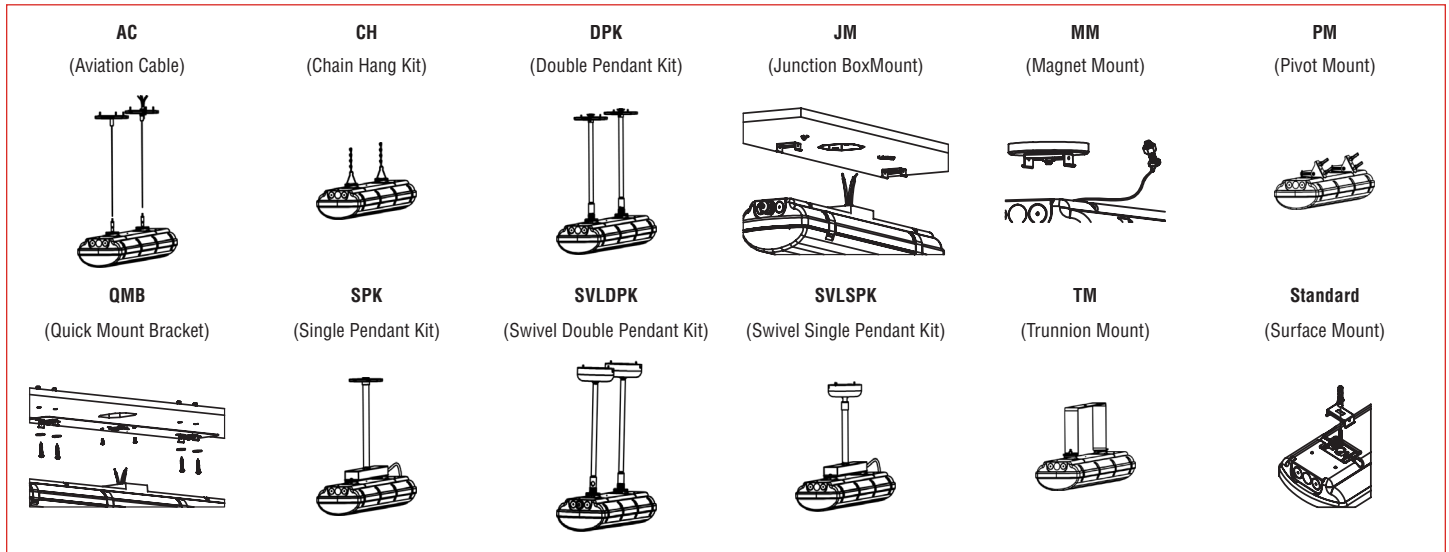
ILLUMINA® BS100LED-PG

ADDITIONAL INFORMATION

DIMENSIONS



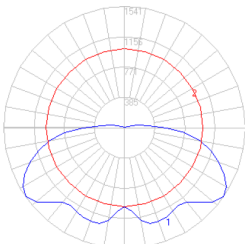
MOUNTING OPTIONS



PHOTOMETRICS

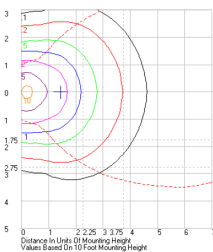
BS100LEDPG4HTLOWT40120-277V

POLAR CURVES



Characteristics	
Electronic driver	LED 4000°K
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	5896
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	147
Total Luminaire Watts	40
Ballast Factor	1.00
CIE Type	Direct

ISOLINES

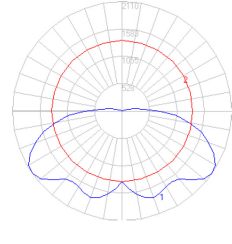


Zonal Lumen Summary			
Zone	Lumens	%Lamp	%Foot
0-20	427.86	N.A.	7.30
0-30	958.12	N.A.	16.30
0-40	1633.03	N.A.	27.70
0-60	3367.53	N.A.	56.90
0-80	5060.26	N.A.	85.80
0-90	5581.91	N.A.	94.70
10-80	5480.36	N.A.	93.00
20-40	1205.17	N.A.	20.40
20-50	2007.15	N.A.	34.00
40-70	2656.43	N.A.	45.00
60-80	1702.73	N.A.	28.90
70-80	776.81	N.A.	13.20
80-90	521.65	N.A.	8.80
90-110	293.56	N.A.	5.00
90-120	309.95	N.A.	5.30
90-130	313.40	N.A.	5.30
90-150	313.78	N.A.	5.30
90-180	313.78	N.A.	5.30
110-180	20.22	N.A.	0.30
0-180	5896.69	N.A.	100.00

Total Luminaire Efficiency = N.A.%

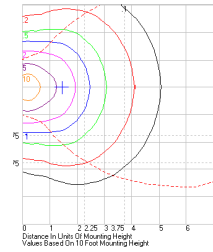
BS100LEDPG4HTHOWT40120-277V

POLAR CURVES



Characteristics	
Electronic driver	LED 4000°K
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	8152
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	138
Total Luminaire Watts	60
Ballast Factor	1.00
CIE Type	Direct

ISOLINES



Zonal Lumen Summary			
Zone	Lumens	%Lamp	%Foot
0-20	586.65	N.A.	7.20
0-30	1316.85	N.A.	16.10
0-40	2246.79	N.A.	27.60
0-60	4637.64	N.A.	56.90
0-80	6959.29	N.A.	85.80
0-90	7718.85	N.A.	94.70
10-80	7574.47	N.A.	93.00
20-40	1650.14	N.A.	20.40
20-50	2771.43	N.A.	34.00
40-70	3676.88	N.A.	45.10
60-80	2361.65	N.A.	29.00
70-80	1075.82	N.A.	13.20
80-90	719.57	N.A.	8.80
90-110	404.39	N.A.	5.00
90-120	427.34	N.A.	5.20
90-130	432.30	N.A.	5.30
90-150	432.91	N.A.	5.30
90-180	432.91	N.A.	5.30
110-180	28.52	N.A.	0.30
0-180	8151.77	N.A.	100.00

Total Luminaire Efficiency = N.A.%

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)		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.

LOGICA (WIRELESS & POWERLESS LIGHTING CONTROL SOLUTIONS)

DAISY CHAIN FIXTURES (RLYL)			EXTERNAL NODE & SENSOR (EOSL)	
LOG-RLY WIRELESS RELAY (DAMP LOCATION)	LOG-ESRP SWITCH (ACCESSORY) (DAMP LOCATION)	LOG-ML2 REMOTE SENSOR (ACCESSORY) (DAMP LOCATION)	LOG-HBK010V / HBKOD NODE & SENSOR (KNOCK-OUT)	LOG-ESRP SWITCH (ACCESSORY) (WET LOCATION)
INTEGRATED NODE (NODL)			INTEGRATED NODE & SENSOR (IOSL)	
LOG-10V12 / DRD NODE 0-10V/DALI (INTEGRATED)	LOG-ESRP SWITCH (ACCESSORY) (DAMP LOCATION)	LOG-ML2 REMOTE SENSOR (ACCESSORY) (DAMP LOCATION)	LOG-ML10V / MLD NODE & SENSOR (INTEGRATED)	LOG-ESRP SWITCH (ACCESSORY) (DAMP LOCATION)
<p>FOR DETAILS PLEASE SEE LIGHTING CONTROL SOLUTION CONFIGURATION.</p>				