

PROJECT NAME: _____

CATALOG #: _____

NOTES: _____

DATE: _____

BLS-PG-SQ LED SQUARE PARKING GARAGE

The BLS-PG-SQ is a cost-effective, energy-efficient LED luminaire for surface-mount applications. The thin and lightweight design and excellent heat dissipation of the housing extends its life. A precision-engineered optical lens reduces glare, improves optical performance, and provides comfortable illumination. The BLS-PG-SQ comes with an external quick-mount plate for standard J-BOX mounting, and is also compatible with 3/4" pendant fixtures, with 1/2" knock-out holes reserved on four sides, suitable for surface conduit wiring installation. The BLS-PG-SQ also supports four lumen packages (100%, 80%, 60%, 40%); and three CCTs (3000K, 4000K, 5000K).



SPECIFICATIONS FEATURES

Color Temperature Tuning: Capable of delivering 3000K, 4000K & 5000K color temperatures

Construction: Sealed die-casting profile for indoor and outdoor applications. With corrosion-resistant powder coating that provides protection and architectural appearance while adapting well to the environment in the garage.

Voltage: Universal 120-277VAC input voltage

CRI: 70

Dimming: 0-10V dimming for 10% to 100%

Controls: Optional PIR Sensor and Emergency Battery available.

Electrical: Wattage adjustable: 100%, 80%, 60%, 40%.

Lifespan: Estimated 50,000 Hour based on IES LM-80 results and TM-21 calculations.

Operating Temperature: -40°C to 45°C (-40°F - + 113°F). Note: Operating with emergency battery temperature range: 10°C to 40°C (+50°F - + 104°F)

Power Factor: > 0.90, THD <20%

Listings: UL cUL wet location listed.

Warranty: 5 year warranty

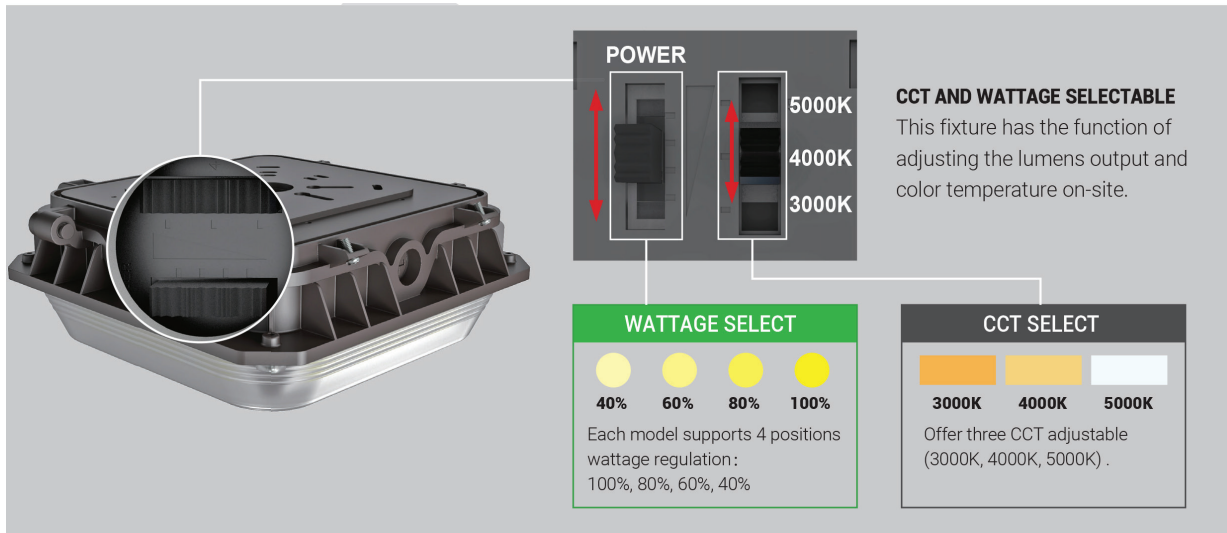
NOTE- Actual performance may differ as a result of end-user environment and application. All values are design or typical values, measured under laboratory conditions at 25°C(±5°C) specifications subject to change without notice.

ORDERING GUIDE

SAMPLE: BLS-PG-SQ-40-1-DDK-DB-M-B-AD



MODEL	WATTAGE	VOLTAGE	CCT	FINISH	SENSOR	EMERGENCY BATTERY	CCT & POWER ADJUSTABLE
BLS-PG-SQ	40 - 40W 70 - 70W	1 120-277V	DDK Adjustable Color Temperature	DB Bronze	M Motion Sensor BLANK Without Motion Sensor	B Battery Back-Up BLANK Without Battery Backup	AD Adjustable Dial BLANK Without Adjustable Dial



Battery Back-up (Optional)

The optional built-in emergency battery back-up provides 8W, 90-minute emergency lighting while maintaining product integrity and aesthetics.



1/2" Knock Hole

With 1/2" knock-out holes reserved on four sides, suitable for surface conduit wiring installation.



Plug-and-Play Sensor (Optional)

Sensor allows for security and energy saving.

Photometry

Parking garage photometry with a low glare, comfortable lighting effect.

Install in 3 seconds

PERFORMANCE DATA

BLS-PG-SQ-40

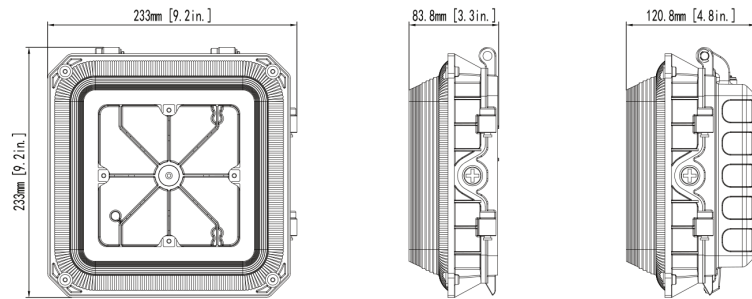
SETTING	SYSTEM WATTS	3000K(CRI70)		4000K(CRI70)		5000K(CRI70)	
		LUMENS	LPW	LUMENS	LPW	LUMENS	LPW
L1	40W	5900lm	148 lm/W	6200lm	155 lm/W	6000lm	150 lm/W
L2	32W	4900lm	154 lm/W	5100lm	161 lm/W	5000lm	156 lm/W
L3	24W	3800lm	158 lm/W	3900lm	165 lm/W	3800lm	160 lm/W
L4	16W	2600lm	162 lm/W	2700lm	169 lm/W	2600lm	164 lm/W

BLS-PG-SQ-70

SETTING	SYSTEM WATTS	3000K(CRI70)		4000K(CRI70)		5000K(CRI70)	
		LUMENS	LPW	LUMENS	LPW	LUMENS	LPW
L1	70W	9900lm	141 lm/W	10500lm	150 lm/W	10000lm	143 lm/W
L2	56W	8200lm	147 lm/W	8700lm	156 lm/W	8300lm	149 lm/W
L3	42W	6300lm	151 lm/W	6700lm	160 lm/W	6400lm	153 lm/W
L4	28W	4300lm	155 lm/W	4600lm	164 lm/W	4400lm	157 lm/W

Dimensions

unit: mm/inch

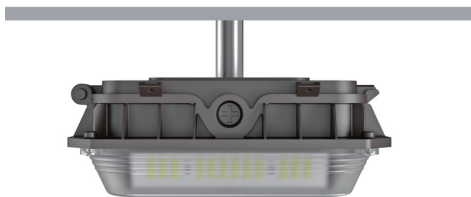


Without Emergency Battery With Emergency Battery

Surface Mounted With J-Box



Conduit Pendant Mount



Accessories

 <p>Emergency Battery Backup (Optional) Description: 8W 900lm 90min</p>	 <p>Plug-in-Play PIR Sensor, 10-15VDC PIR Sensor: MHANT12VPH02 Description: Preset for 5min hold time, 30 min standby time at 30% dim. daylight disabled. Bluetooth PIR sensor: MHANT12VPHB02 Description: Sensor and Fixture controller for HAISEN system</p>
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