

BL16 GLED BL22 GLED

Project Name:	
Type:	



APPLICATION

The LED high bay series is ideal for locations such as retail stores, storage areas and general open areas. Suited for medium to high mount heights of 20' or lower.

FEATURES:

- Heavy duty die-cast aluminum ballast housing and prismatic refractor.
- Die-cast aluminum ballast housing with a white polyester powder paint finish.

MOUNTING:

- Steel hanger comes as standard.
- Comes with die cast hook for easy mounting (WHK) as standard.
- Pendant splice box threaded for 3/4" conduit or hook mount.

REFLECTOR & BOTTOM LENS:

- High impact, UV-stabilized prismatic polycarbonate reflector and lens.
- Available with conical bottom lens and drop bottom lens in options.
- BL16: 16" dia. prismatic reflector.
- BL22: 22" dia. prismatic reflector.

LAMP:

- High efficient LED modules, components are products of Samsung LEDs. High safety with complete waterproof and thermal emission of LED Module. IP67 rated
- Color Temperature: 3500/4000/5000 (K)
- Color Rendering Index: 77+ Ra.
- Luminous Efficacy: 80 lm/w.
- Input Voltage: 24Vdc
- 60°/120° Beam Angle.
- 50,000 hours.

ELECTRICAL:

- High power factor electronic driver, operate from a 90 ~ 305 Vac input range, 50 / 60 Hz.
- Features include over voltage protection, surge, short circuit protection and over load protection.
- All-Round Protection: OVP, SCP, OTP.
- Class 2 and SELV.
- Power Factor: typical > 0.92
- Optional 1-10V dimmable driver. (Dimmer supplied by others)
- Operating temperature: -4°F (20°C) ~ 122°F (50°C).
- UL8750, UL1012, UL1310 Class 2, CSA-C22.2 No. 107.1, CSA C22.2 NO. 223-M91 Class 2
- <ELCU-200>
- Guarantees emergency lighting remains ON or is turned on when power to the control device is lost.
- Interfaces with fire alarm panel or security system.
- "Watchdog" feature allows emergency loads to be controlled in tandem with normal power loads.
- UL listed for use in emergency circuits.

LISTING:

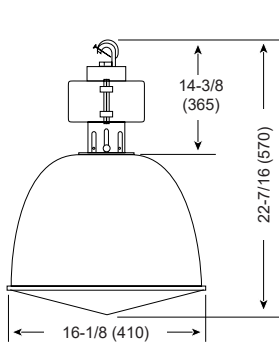
- UL/ CUL listed.
- Listed to UL 1598 and UL 8750.
- RoHS.
- IP67 rated.
- Tested to IESNA LM80 standards.
- Suitable for wet locations.
- 5 years limited warranty.
- 7 or 10 years limited warranty. (optional) ⁸
- ARRA compliant.

CONFIGURATIONS

	GLED/G2LED (10W Module)	System Wattage	System Lumen (104.86 lm/W)	Color Temperature	Driver Input AC Voltage	Driver Output Current
BL16	40 GLEDs	40W	4194 lm	5000K	90-305 Vac	350 mA
	60 GLEDs	60W	6291 lm			
	80 GLEDs	80W	7864 lm			
	100 GLEDs	100W	10500 lm			
	100 G2LEDs	100W	10500 lm			
BL22	120 G2LEDs	120W	12583 lm			
	140 G2LEDs	140W	14680 lm			
	150 GLEDs	150W	15729 lm			

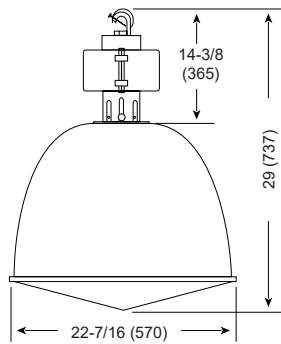
LED Driver: Non-dimmable driver standard, optional dimmable driver 0-10V

BL16 GLED BL22 GLED



Specifications: BL16

Height: 22-7/16 (570)
Diameter: 16-1/8 (410)
Weight: 12.22 lbs (5.55 kg)



Specifications: BL22

Height: 29 (737)
Diameter: 22-7/16 (570)
Weight: 14.86 lbs (6.74 kg)



All dimensions are inches (millimeters).

ORDERING INFORMATION

EXAMPLE: BL22-120G2LED-50K-UNV-WHK-FL

MODEL	LED	COLOR TEMP.	VOLTAGE	REFLECTOR	MOUNTING
BL16 ¹	40GLED	40W LEDs	UNV 120-277V	(Blank) Acrylic Prismatic Reflector	WHK Pendant Splice Box with Hook
	60GLED	60W LEDs			
	80GLED	80W LEDs			
	100GLED	100W LEDs			
	100G2LED	100W LEDs			
BL22 ²	120G2LED	120W LEDs			
	140G2LED	140W LEDs			
	150GLED	150W LEDs			

BOTTOM LENS		OPTIONS			
(Blank)	Without Bottom Lens ¹	GLR	Fast Blow Fuse ³	DM	Dimming, 1-10V DIM (10-100%)
CL	Conical Lens	GMF	Slow Blow Fuse ³	EM7	1134 LUMEN EM Battery Backup (32°F (0°C) ~ 122°F (50°C)) ⁵
DP	Drop Lens	CSL4	4' Cord Set and Twist-Lock Plug ⁴	EM10	1620 LUMEN EM Battery Backup (32°F (0°C) ~ 131°F (55°C)) ⁶
		CSL6	6' Cord Set and Twist-Lock Plug ⁴	EMC	CEC compliant EM ⁷
		SCK	Safety Cable Kit	ELCU-200	Fail-to-on Emergency lighting, UL924 ⁹
		WG	Bottom Lens Wireguard	GTD	Bodine Generator Transfer Device
		FWG22	22" Reflector & Bottom Lens Full Cover Wireguard	GTD10DIM	Bodine Generator Transfer Device (0-10VDC Dimmer Override)
		MS	Motion sensor	O7W	Optional 7 Years Limited Warranty ⁸
				O10W	Optional 10 Years Limited Warranty ⁸

NOTES:

- 16" reflector available with 80W, 100W LEDs. Standard as no bottom lens.
- 22" reflector available with 120W, 150W LEDs. Standard as no bottom lens.
- Must specify voltage.
- Must specify volts and amperes. (Check with factory)
- Available with BL16.
- Available with BL22.
- Check with factory for more details.
- This limited warranty covers electrical parts only and does not apply to labor, equipment lease, or defect from improper installation or operation.
- Shipped separately.