



Job Name: _____

Type: _____

Part #: _____

Notes: _____

LLB5 Series

Full Cutoff Bollards with choice of optics are designed to replace HID lighting systems up to 70w MH or HPS. These fixtures are ideal for retail centers, industrial parks, schools and universities, public transit and airports, office buildings and medical facilities.

Specifications and Features:

Housing: Extruded Aluminum Housing with Flush Mounting Base, Flat Top. Bollards Can Be Cut to Custom Lengths Upon Request.

Lens: Clear UV-Stabilized Polycarbonate Vandal- Resistant Lens

Finish: Textured Architectural Bronze or Black Powdercoat Finish Over a Chromate Conversion Coating. Custom Colors Available Upon Request.

Styles: 360° Light Distribution, 120° Shield or 180° Shield

Mounting Options: Mounting Kit with 8" Zinc-Plated Anchor Bolts, Included.

EasyLED LED: Aluminum Boards

Wattage:

360° Arrays: 12w & 16.6w, System: 12.9w & 18.9w 180° & 120°

Arrays: 10w & 15.5w, System: 11.2w & 17w; (70w HID Equivalent)

L70: 25° 147,000 Hours

Driver: Electronic Driver, 120-277V, 50/60Hz; Less Than 20% THD and PF>0.90.

Standard Internal Surge Protection 2kV.

Dimming: 0-10V Dimming Standard for a Dimming Range of 100% to 10%; Dimming Source Current is 150 Microamps. Please consult factory for remote direct wired interface of 1-10V Dimming, fixtures are not wired for remote control connection standard and may not be available in this configuration. *Fixtures are NOT designed for use with line voltage dimmers.*

Controls: Fixtures Ordered with Factory-Installed Photocell or Motion Sensor
Controls are Internally Wired for Switching and/or 1-10V Dimming Within the Housing.

Listing & Ratings: ETL: Listed for Wet Locations, ANSI/UL 1598, 8750 IP65 Sealed LED Compartment.

Warranty: 5-Year Warranty for -40°C to +50°C Environment.

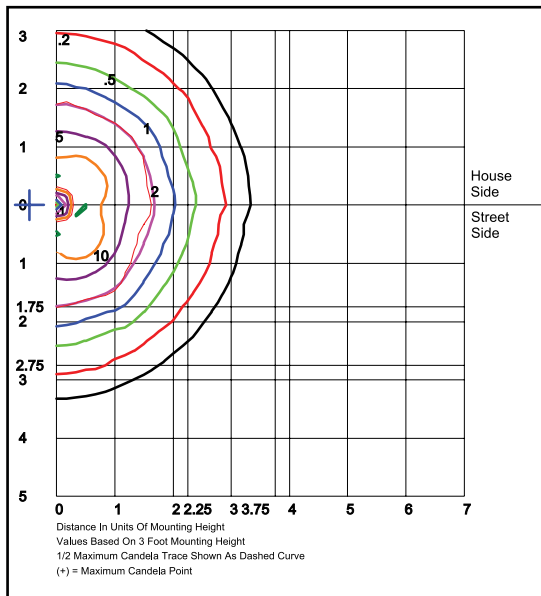
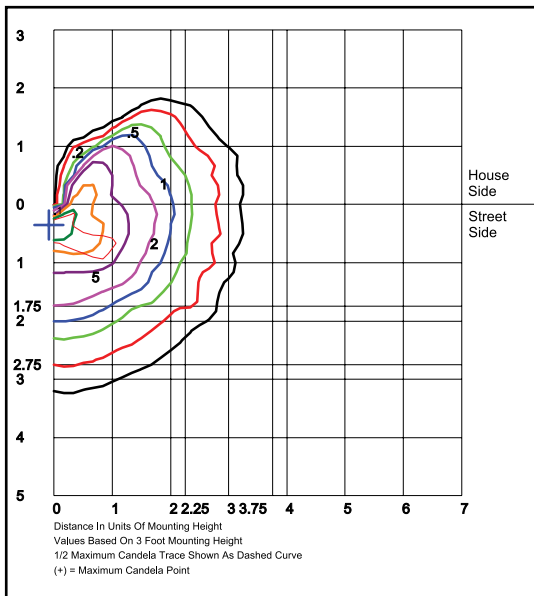


ORDERING INFORMATION

Model	Color Temperature	Finish	Height	Options
LLB5OQF1X12: Full Cutoff Bollard- 360°, 12w LLB5OQF1X17: Full Cutoff Bollard-360°, 17w LLB5TQF1X10: Full Cutoff Bollard with 120° Shield, 10w LLB5TQF1X16: Full Cutoff Bollard with 120° Shield, 16w LLB5HQF1X10: Full Cutoff Bollard with 180° Shield, 10w LLB5HQF1X16: Full Cutoff Bollard with 180° Shield, 16w	30K 40K 50K	BRZ: Bronze BLK: Black CC: Custom Color	(Blank): 40 1/2" Height (Standard) 30: 30" Height	SF: Single Fuse* DF: Double Fuse* SP: Surge Protection GF1: GFCI Outlet, 15A, 120V S5: Microwave Sensor with Dimming & Remote Programming, <i>must also purchase P17126</i> P17126: Remote Programming Tool <i>*120-277V Models Only.</i>



Photometric Data


LLB50QF1X17U5K
360° Open - Clear Glass Lens Grid in feet, Mounting Height = 3 ft.

LLB5HQF1X16U5K
180° Shield - Clear Glass Lens Grid in feet, Mounting Height = 3 ft.

Photometric Performance

Wattage (Catalog Logic)		12W (1X12)	17W (1X17)
Input Watts		12.9W	18.1W
Optic	CCT	Delivered Lumens	
360° B50 Models F=Type V Optic	3000K	479	671
	4000K	520	728
	5000K	541	758
	BUG Rating	B0-U1-G0	B1-U2-G0

Wattage (Catalog Logic)		10W (1X10)	16W (1X16)
Input Watts		11.2W	17W
Optic	CCT	Delivered Lumens	
180° B5H Models F=Type V Optic	3000K	338	508
	4000K	352	528
	5000K	366	549
	BUG Rating	B0-U1-G0	B0-U1-G0