

The QSSI Bentley 16" EasyLED Aisle Lighter is designed to replace HID lighting systems up to 400w MH. Typical applications are medium and high stack warehouse and cold storage facilities. Suitable for 16 to 30 foot mounting heights based on light level and uniformity requirements.

Specifications and Features:

Housing:	Die Cast Aluminum Housing with External Heat Sinks for Cooler Operating Temperatures. Includes 4" Stem. Maximum Stem Length: 30 Feet
Listing & Ratings:	ETL: Listed for Damp Locations, ANSI/UL 1598, 8750 (Lens Gasket Use Required.); IP65 Sealed LED Compartment.
Finish:	White Powdercoat Finish Over a Chromate Conversion Coating. Custom Colors Available Upon Request.
Lens:	Tempered Clear Flat Glass Lens
Mounting Options:	Mount with Included 1" Die Cast Hook.
EasyLED LED:	Aluminum Boards
Wattage:	Array: 169w; System: 178.5w; (400w HID Equivalent)
Driver:	Electronic Driver, 120-277V, 50/60Hz or 347-480V, 50/60Hz; Less Than 20% THD and PF>0.90. Standard Internal Surge Protection 6kV. 0-10V Dimming Standard for a Dimming Range of 100% to 10%; Dimming Source Current is 150 Microamps.
Warranty:	5-Year Warranty for -40°C to +50°C Environment.

See Page 3 for Projected Lumen Maintenance Table.



Dimensions

Diameter (D)	16¼" (413mm)
Height (A)	16¼" (413mm)

Certification & Listings:



DesignLights Consortium™
Qualified Luminaires:
HB44QK1X169U HJ5KG**



HB44Q	K	1X169			G		
Model	Optics	Wattage	Driver	CCT	Lens	Color	Options
HB44Q=Bentley 16" LED Aisle Lighter	K=Aisle Optics	1X169=169w	U=120-277V H=347-480V	4K=4000K 5K=5000K	G=Clear Flat Glass Lens	W=White C=Custom (Consult Factory)	SF=Single Fuse* DF=Double Fuse* SP=Surge Protection BU=Battery Backup* BUC=Cold Start Battery Backup, -20°C, 90 Minutes* *120-277V Models Only.

Order Information Example:

HB44QK1X169U5KGWSP

Lens Options:

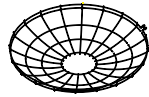


HB44Q Shown with Tempered Clear Flat Glass Lens (G)

Accessories & Replacement Parts:

**Accessories
(Order Separately, Field Installed)**

CPCS1633	Cord Set, Blunt Cut, 3', 16/3 600V STW Cord
HB44WG	Wire Guard, Fits HB44, for Use with Flat Glass Lenses.
CPSC	Safety Cable, 3' Steel Cable with Clear Vinyl Coating, Steel Eye & Loop Ends.



HB44WG

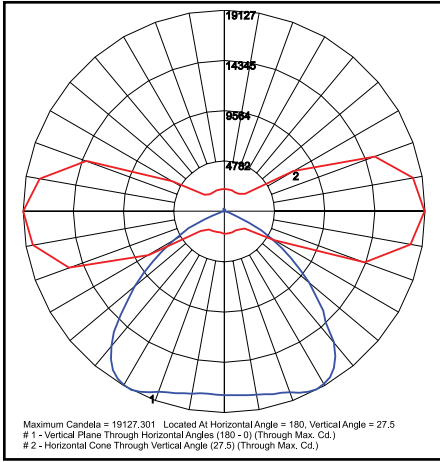


CPSC

**Replacement Parts
(Order Separately, Field Installed)**

HBGL16	16" Tempered Clear Flat Glass Lens
HBCB16	16" Clampband
CPMH3	Die Cast Hook with 1" NPS Threads
Replacement BU Available-Consult Factory.	

Photometric Data



HB44QK1X169U5KG - Clear Glass Lens

Photometric Performance

LED Board Watts	Drive Current (mA)	Input Watts	Spacing Criteria	5000 CCT 80 CRI		4000 CCT 80 CRI	
				Lumens	LPW	Lumens	LPW
EasyLED 169w with Clear Glass (G)	525	179	1.54	18,926	106	17,318	97

Projected Lumen Maintenance

Data shown for 5000 CCT		Compare to MH				
TM-21-11	Input Watts	Initial	25,000 Hrs	50,000 Hrs	100,000 Hrs	Calculated LED Life
L70 Lumen Maintenance @ 25°C / 77°F	179	1.00	0.98	0.95	0.90	302,000
L70 Lumen Maintenance @ 50°C / 122°F		1.00	0.94	0.88	0.76	124,000
L80 Lumen Maintenance @ 40°C / 104°F		1.00	0.96	0.91	0.83	117,000

NOTES:
 1. Projected per IESNA TM-21-11. Data references the extrapolated performance projections for the base model in a 25°C ambient, based on 10,000 hours of LED testing per IESNA LM-80-08.
 2. Compare to MH box indicates suggested Light Loss Factor (LLF) to be used when comparing to Metal Halide (MH) systems.