KELSEY-KANE LIGHTING MANUFACTURING COMPANY

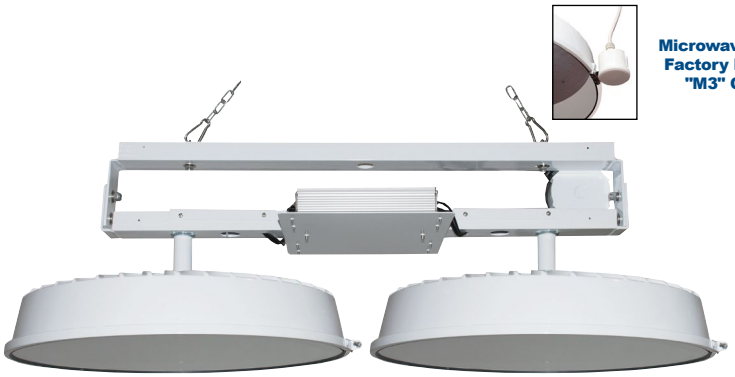
"Serving Lighting Professionals Since 1978"

EasyLED Technology

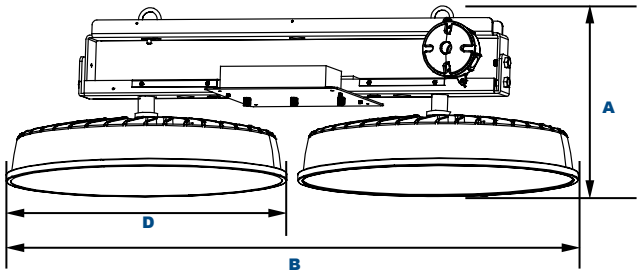
HB55Q

L70 25°C — 299,000 Hours

EasyLED PowerBay Highbay



Microwave Sensor Factory Installed "M3" Option



Dimensions

Diameter (D)	22¼″ (565mm)
Height (A)	13⅞″ (352mm)
Length (B)	46⅝″ (1,186mm)

EasyLED PowerBay HB55 High Bay is designed for high ceiling industrial applications up to 80 feet that require maximum delivered footcandles with low maintenance and long life. The fixture is available in wide and narrow beam optics with a choice of lenses designed to replace HID lighting systems up to 1500w MH. Typical applications are high ceiling industrial, manufacturing, military and large aircraft hangar facilities. Suitable for 40 to 80 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.

Finish:
White Powdercoat Finish Over a Chromate Conversion Coating. Custom Colors Available Upon Request.

Lens:
Tempered Clear Flat Glass Lens, Polycarbonate Drop Lens, Acrylic Drop Lens, Acrylic Conical Lens.

Mounting Options:
Mount with Included 4´ Chains.

EasyLED LED:
Aluminum Boards

Wattage:
Array: 546w, System Input: 592w
(Up to 1,500w HID Equivalent)

Driver:
Electronic Driver, 120-277V, 50/60Hz or 347/480V, 50/60Hz; Dimmable Driver

Listing & Ratings:
CSA: Listed for Damp Locations.
(Lens Gasket Use Required.)
Operating Temperatures: -40°C to +50°C
IP54 Sealed LED Compartment.

See Page 3 for Projected Lumen Maintenance Table.

5-Year Warranty.

Order Information Example: HB55QF2X273U5KGWSP

HB55Q		2X273					
Model	**Optics**	**Wattage**	**Driver**	**CCT**	**Lens**	**Color**	**Options (Factory Installed)**
HB55Q= EasyLED PowerBay Highbay	**F**=Wide **I**=Narrow Beam (5K Only)	**2X273**=546w	**U**=120-277V **H**=347/480V	**4K**=4000K **5K**=5000K	**G**=Clear Flat Glass Lens **C**=Acrylic Conical Lens **D**=Acrylic Drop Lens **B**=Polycarbonate Drop Lens	**W**=White **C**=Custom (Consult Factory)	**SF**=Single Fuse **DF**=Double Fuse **SP**=Surge Protection **M3**= Microwave Sensor for Mounting Heights of 20 to 48 Feet. **C6300W**=6 Foot White Cord, 300VAC, 3 Wire, Leads **CP6120W**=6 Foot White Cord, 3 Wire, L5-15P Twist-Lock Plug CP6277W=6 Foot White Cord, 3 Wire, L7-15P Twist-Lock Plug **C6600B**=6 Foot Black Cord, Type STW, 600VAC, 3 Wire, Leads

Project Information:

Project Name: | Fixture Type:

Complete Catalog #: | Date:

Comments:

Certification & Listings:

IP54

Specifications subject to change without notice. Rev. 082217

Voice & Text: 954-772-3187 / E-Mail: info@kelsey-kane.com / Website: www.kelsey-kane.com

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Lens Options:

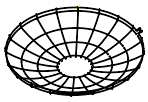
HB55Q Shown with Tempered Clear Flat Glass Lens (G)

HB55Q Shown with Acrylic Conical Lens (C)

HB55Q Shown with Acrylic Drop Lens (D)

HB55Q Shown with Polycarbonate Drop Lens (B)

Accessories & Replacement Parts:



HBAR22WG

P17116

Accessories (Order separately, Field installed)	
HBAR22WG	Wire Guard, Fits HB55, for Use with Flat Glass Lenses. HB55 Requires Two.

Replacement Parts (Order separately, Field installed)	
HBDL22	22″ LexaLite Clear Prismatic Acrylic Drop Lens. UV Stabilized, High-Efficiency Operation in General Applications.
HBPC22	22″ Polycarbonate Drop Lens.
HBCL22	22″ LexaLite Clear Prismatic Acrylic Conical Lens. UV Stabilized, High-Efficiency Operation in General Applications.
HBGL22	22″ Tempered Clear Flat Glass Lens
HBCB22	22″ Clampband
P17116	Microwave Sensor for Mounting Heights of 20 to 48 Feet.

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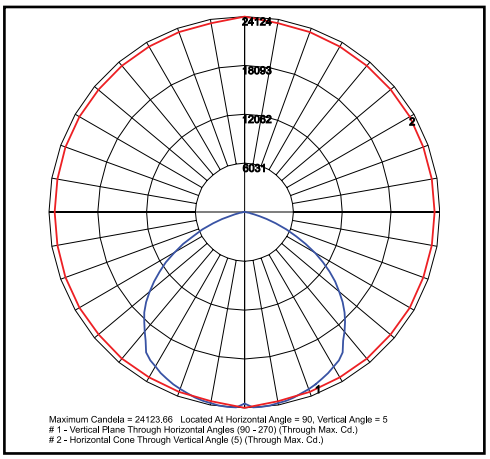
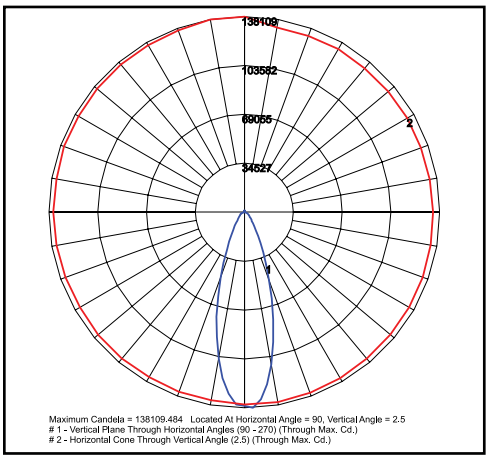
Photometric Data



HB55QF2X273U5KG - Clear Glass Lens



HB55QI2X273U5KG - 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 546w with Clear Glass (G) F Optic	525	592	1.34	64,885	110	59,342	100
EasyLED 546w with Clear Glass (G) I Optic	525	592	0.54	67,081	113	-	-

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 L70@ 25°C
L70 Lumen Maintenance @ 25°C / 77°F	592	1.00	0.97	0.95	0.90	299,000
TM-21-11	Input Watts	Initial	25,000 Hrs	50,000 Hrs	100,000 Hrs	Calculated L70@ 50°C
L70 Lumen Maintenance @ 50°C / 122°F	592	1.00	0.97	0.94	0.88	172,000
TM-21-11	Input Watts	Initial	25,000 Hrs	50,000 Hrs	100,000 Hrs	Calculated L80@ 40°C
L80 Lumen Maintenance @ 40°C / 104°F	592	1.00	0.97	0.93	0.86	148,000

NOTES:

1. Projected per IESNA TM-21-11. Data references the extrapolated performance projections for the 525mA 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.

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