

HB1

Industrial and Commercial
Low, Medium and Highbay Lighting



Full Range of Lightweight High Grade Acrylic Refractors

Clear non-yellowing acrylic, open topped refractors. Available 12", 16", 22", and 25" refractors. Light weight acrylic is ideal for locations where glass is too heavy.

Quick Install Mounting

One piece ballast / junction box slides on to the threaded mounting plate for fast easy installation.

Decorative Accessories

Available in designer colours with decorative rings and bands.

Cool Operating

Heavy duty die cast aluminum ballast housing. White polyester powder coat finish

New Technology Pulse Start Metal Halide Lamps & Ballasts

Pulse Start technology provides longer lamp life, more lumens per watt, better lumen maintenance and superior colour rendition and faster lamp warm up and hot restrike.

Socket

Specification grade porcelain lampholder.

Ballasts

HPF ballasts are suitable low temperature starting. MH-30°C, Pulse Start MH -40°C, HPS -40°C

Lamp Watts	Base	Refractor (Diameter)	¾" Pendant Mount Standard Profile ①
50	Medium	12"	HB1-50MH-TT-PR12 ②
70	Medium	12"	HB1-70MH-TT-PR12 ②
100	Medium	12"	HB1-100MH-TT-PR12 ②
150	Medium	12"	HB1-150MH-TT-PR12 ②
150	Mogul	16"	HB1-150HP-TT-PR16
175	Mogul	16"	HB1-175MH-TT-PR16 ②
200	Mogul	16"	HB1-200MH-TT-PSB-PR16 ②
250	Mogul	16"	HB1-250MH-TT-PR16 ②
320	Mogul	16"	HB1-320MH-TT-PSB-PR16 ②
350	Mogul	16"	HB1-350MH-TT-PSB-PR16 ②
400	Mogul	16"	HB1-400MH-TT-PR16
450	Mogul	16"	HB1-450MH-TT-PSB-PR16
400	Mogul	22"	HB1-400MH-TT-PR22
450	Mogul	22"	HB1-450MH-TT-PSB-PR22
1000	Mogul	25"	HB5-1000MH-TT-PR25 ③

High Pressure Sodium

35	Medium	12"	HB1-35HP-TT-PR12
50	Medium	12"	HB1-50HP-TT-PR12
70	Medium	12"	HB1-70HP-TT-PR12
100	Medium	12"	HB1-100HP-TT-PR12
150	Medium	12"	HB1-150HP-TT-PR12
150	Mogul	16"	HB1-150HP-TT-PR16
250	Mogul	16"	HB1-250HP-TT-PR16
400	Mogul	16"	HB1-400HP-TT-PR16
400	Mogul	22"	HB1-400HP-TT-PR22
1000	Mogul	25"	HB5-1000HP-TT-PR25 ③

- ① 120V / 277V / 347V Tri-Tap ballast listed — for other voltages consult factory.
- ② Must use bottom closure or protected lamp
 - for Bottom closure see "Reflector Application Guide for maximum wattage
 - for Protected Lamp see "Options — Lamp"
- ③ Not available with bottom closure

Options

to order add suffix	Suffix
Lamp Coated lamp recommended	<i>Consult Factory</i>
Items noted "②" above must have either a bottom closure and standard lamp or protected lampholder and protected lamp.	
To order with bottom closure	<i>see accessories</i>
To order with lampholder for protected lamp <i>Order lamp separately</i>	-PLS
Pulse Start Luminaires High Performance Metal Halide For 175W, 250W, 400W MH	-PSB
For 50W, 70W, 100W, 150W, 200W, 320W, 350W, 450WMMH	<i>Standard</i>
Potted Ballasts For low noise requirements	-POT
Quartz Auxiliary <i>Quartz lamp not included</i>	-Q
Protected Ignitor HPS only	-PI
Fuse Holder <i>Supplied with fuse</i> Single pole	-F1
Accu-Flex™	<i>page 11</i>
Low Profile Luminaires (400W max) HB1 becomes	LPHB1
Decorative Rings	<i>Consult factory</i>

Accessories

Order separately	Catalogue #
Safety Hook ¾" NPT	Male HK75SS Female HF75SS
Cord Set 3 conductor, 3' long, Type ST105 <i>For lengths other than 3 feet, revise the 3 in the catalogue number to length in feet.</i>	Cord only 3C Cord & plug 3CP
Q-Deck Plate For quick mounting <i>Mounting screws not included</i>	Q-DECK
Ballast Safety Chain	HB1-BSC
Optical Safety Cable	HB1-RSC
Wire Guard 16" dia. refractor 22" dia. refractor 25" dia. refractor	PR-16WG PR-22WG PR-25WG
Top Shroud	HB1-SS
Bottom Closure Acrylic	Domed Conical
See "Reflector Application Guide" for maximum wattage	12" PR-12DL 16" — 22" — 25" —
	Drop 16" PR-16DL 22" PR-22DL
	Flat 16" PR-16BL 22" PR-22BL

Refractor Application Guide

With Acrylic Parts (Ambient 25°C)		100	175	250	400	1000
12"	Open bottom	✓	①	—	—	—
	Closed bottom	✓	X	—	—	—
16"	Open bottom	①	①	①	✓	—
	Closed Bottom	✓	✓	✓	X	—
22"	Open Bottom	X	①	①	✓	—
	Closed Bottom	X	✓	✓	✓	—
25"	Open Bottom	—	—	—	✓	✓
	Closed Bottom	—	—	—	✓	X

- ① Requires protected lampholder and protected lamp *see Options*
- ✓ Available with indicated wattage
- X NOT available

