



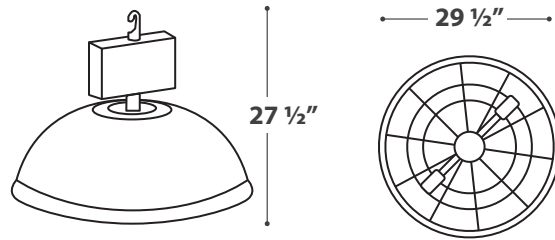
The high performance HB50 is the only high bay fixture with integrated sine wave filtration to clean dirty power in dynamic electrical environments. The HB50 is built to survive challenging applications.

The HB50 is equipped with computer generated optics to optimize lumen output. This robust fixture delivers high visual acuity without glare and shadowing. The HB50 is designed for visual comfort in the workspace.

DESCRIPTION

- > The only industrial fixture with integrated sine wave filtration technology to dissipate surges and eliminate transient voltages.
- > A true stand-alone fixture.
- > Laser cut and 98% efficient reflector materials.
- > Smart electronics maintain optimal light output.
- > High visual acuity; very little shadowing.
- > Built for hot, damp, dirty environments.
- > Integrated universal input driver 208-480 volt.

DIMENSIONS



ORDER

HB50

PRODUCT	CABLE	REFLECTOR	LENS	PAINT COLOR	PLUG
A = 6ft B = 12ft				0 - Black 6 - Blue 9 - White A - Natural Aluminum 4 - Yellow Chromate	N - None 1 - L8-20P 2 - L16-20P 3 - L22-20P 4 - L16-30P 5 - L7-20P
0 = No Reflector 1 = Reflector		AL - Acrylic Lens NL - No Lens			

SPECIFICATIONS

Dimensions	27 1/2" Tall, 29 1/2" Diameter
IP Rating	65 (Generator), 53 (Housing)
Wattages	400W
Voltage	208 - 480Vac
Mounting System	Hook (Supplied) 1/2" Hole for Pendant
Housing	Aluminum
Lens	Modified Acrylic
Reflector	Diffuse 98% Efficient Materials
Generator	Integrated Solid State, Sine Wave Filtration

PROJECT

TYPE



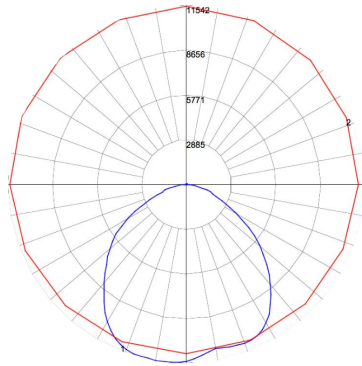
10 Year Limited Warranty



* All highbays come equipped with 6 foot safety cables.

POLAR CURVE - 400W

Vertical and horizontal planes through the 11,541 Cd. maximum intensity point



* This photometric chart shows the characteristic lighting distribution of this luminaire. Please refer to the specific IES file for more detailed information.

LAMP FEATURES

High quality phosphor coating for superior lumen maintenance

High lighting efficacy, instant on, instant restrict, solid amalgam, and stable color over long life

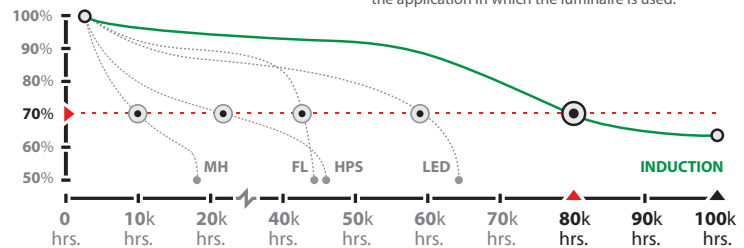
Excellent vibration and shock resistance with unlimited switching

LAMP SPECIFICATIONS

Rated Lamp Life 100,000 hrs. **Lumen Maintenance** Minimum 70% @ 80,000 hrs.

Kelvin
4,000 k

* The below chart compares general depreciation trends of different lighting technologies under similar conditions. Actual depreciation may vary and is dependent upon a number of environmental factors, the manufacturer and the application in which the luminaire is used.



SOLID STATE GENERATOR SPECS

Input Voltage	208 - 480Vac Universal (UNV),
Power Factor	> .96
THD	< 10%
Minimum Input Voltage	195 (Volts AC)
Maximum Input Voltage	525 (Volts AC)
Minimum Input Frequency	47 (Hertz)
Maximum Input Frequency	63 (Hertz)
Inrush Current	< 25 (Amperes)
Minimum Output Frequency	210 (KiloHertz)
Nominal Output Frequency	240 (KiloHertz)
Maximum Output Frequency	270 (KiloHertz)
RoHS 5 Compliance	Yes
Protection - No Load	Yes
Protection - Load Short	Yes
Protection - Lamp Removed	Yes

Cold Temperature Start	(Ta) -40 (Standard)
Max Ambient Temperature	(Ta) 70C
Isolation Resistance - Hot State	< 200 Megaohms
Isolation Resistance - Cold State	500 Megaohms
Isolation Voltage	2,000 Vac (S 10ma) 10s
Cooling	Natural Convection

Harmonic Current	ANSI C82.11, IEC(EN)61000-3-2, GB17625 FCC
Electromagnetic Emission	CFR part18/EN55015/CISPR15/GB17743
ESD	IEC 61000-4-2 Level3
Electromagnetic Compatibility Immunity	IEC(EN)61347-1/EC(EN)61347-2-3
Product Standards	UL935/CAN.CSA C22.2
Approvals	UL, CE, FCC

WATTAGES	TOTAL LOAD ¹	VEL ²	INITIAL LUMENS	LUMEN RANGE ³	LAMP (LM/W)	CRI	HID REPLACEMENT
400 W	420 W	70,560	36,000	34,000	>85	>80	875-1,000W



¹ Total load equals the maximum wattage used by both the lamp and the generator

² Visually Effective Lumens factor of 1.96

³ Lumen Range is based upon generator wattage that is supplied to the lamp. See IES file for more details