CCT/Wattage
Field Adjustable Switches

Description

Venture Lighting's Select-Pro Modern Highbay luminaires are low profile, durable, and designed for long life and low maintenance for use in a wide variety of applications. These color temperature selectable and wattage selectable luminaires are capable of changing to 2 different CCT settings (4000K, 5000K) and 3 different wattage settings (3 light levels) with a simple switch. These field-adjustable fixtures are preset to the highest wattage and 5000K CCT. The flexible selection capability allows for a cost effective method to reduce stocking inventory by 83% (1 SKU instead of 6).

Construction

The high-performance LED source is mounted to an aluminum heat sink which is designed to ensure proper thermal management of the system. This design allows for a cooler running LED chip which leads to longer lifetime, better efficacy, and color consistency. Fixtures are rated for an ambient operating temperature range -40°C to 40°C. Modern high bay luminaires are water and dust resistant, with IP69K rating (for high pressure and high temperature washdown). These fixtures also include additional NSF certification to be used in food processing splash zone applications.

Optics

The fixtures are equipped with a circular ribbed polycarbonate low glare 90° lens.

Electrical

The power supply has a range of 120V-277V, 50/60 Hz. 0-10V DC continuous dimming capability is standard. The fixture includes an integrated screw-in sensor socket (optional sensor is sold separately) which allows a sensor to be added without the need for external junction boxes or additional wiring connections.

Warranty

For warranty information refer to: www.venturelighting.com/resources/warranties

DLC Model: HBRSA-150/120/100WS1BT2A1-WH40/50KWR

Product Performance

Wattage	4000K CCT Lumen Output	5000K CCT Lumen Output
150W	21750	21750
120W	17400	17400
100W	14500	14500

Color Rendering Index (CRI)	≥ 80
Lumen Maintenance @50,000 hours*	90%
Calculated L70 @ 25°C Ambient in Hours*	174,000
Beam Angle (°)	90°
Operating Temperature Range	-40°F to 104°F (-40°C to 40°C)
Replace Existing Luminaire	Up to 400W

Physical Characteristics

Fixture Color	White
Lens Type	Polycarbonate circular ribbed lens
Input Cable Length	3.3' (1m)
Length	12.6" (320mm) Dia.
Height	7.1" (180mm)
Weight	6.2 lbs.

Electrical Characteristics

Amperage Draw (Input Volts/Amps)	120-277Vac / 1.45A Max
Dimming	0-10V DC continuous dimming

Regulatory Qualifications

cULus Listed
DLC® Premium Qualified
NSF Listed - Model No: HBRSA-150/120/100WS1BT2A1-WH40/50KWR
Wet Rated – IP69K Rated

Accessories

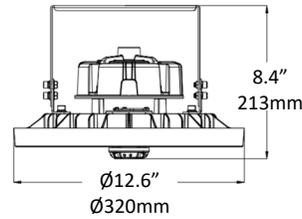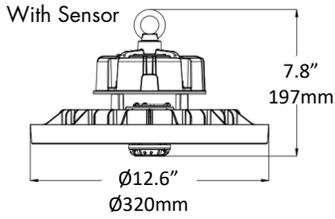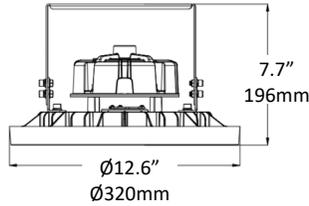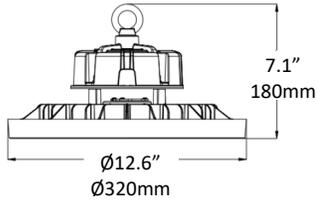| |
|---|
| BB34980 – 30W Battery Backup |
| PH53207 – Field installable plug-in photosensor/motion sensor |
| PH52186 – Sensor handheld programmer |
| SP12714 – Remote mount surge protector |
| LN31732 – 120 Degree clear PC lens for 150W |
| LN31734 – 120 Degree frosted PC lens for 150W |
| RF14210 – PC reflector |
| RF14230 – Aluminum reflector |
| AC27385 – Surface mount bracket, white |
| AC27485 – 3/4" NPT Pendant mount (M10) |
| For factory installed plug options, see page 2 |
| For plug options, see accessories tab (NOT FACTORY INSTALLED) |

Revision: 12, 03-Mar 2023

UL CERTIFIED   DLC LISTED PREMIUM   NSF®   T24 TITLE 24 READY   IP69K

Select-Pro CCT/Wattage Selectable Modern High Bay

Dimensions:

7.1"
180mm

Ø12.6"
Ø320mm

7.7"
196mm

Ø12.6"
Ø320mm

With Sensor

7.8"
197mm

Ø12.6"
Ø320mm

8.4"
213mm

Ø12.6"
Ø320mm

Photometrics:
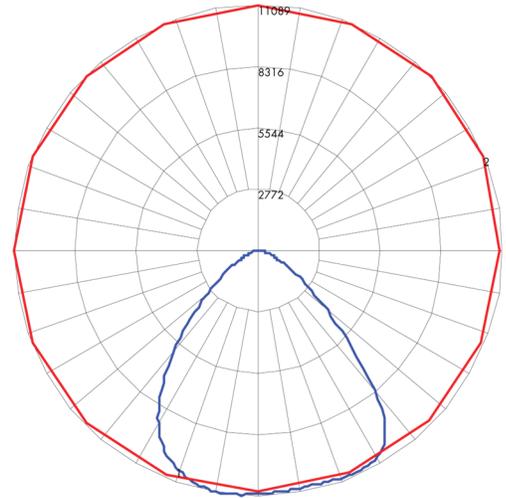
Factory Installed Plug and Cable Options:

NEMA L5-15P
For 120V Input

NEMA L18-20P
For 208V Input

NEMA L6-15P
For 240V Input

NEMA L7-15P
For 277V Input

Indoor Plug Options*	Molded Plug with 11-foot Cable Options*
"-P1" - NEMA L5-15P for 120V	"-P6-C" - NEMA L5-15P for 120V
"-P5" - NEMA L5-15P for 208V	"-P10-C" - NEMA L5-15P for 208V
"-P2" - NEMA L6-15P for 240V	"-P7-C" - NEMA L6-15P for 240V
"-P3" - NEMA L7-15P for 277V	"-P8-C" - NEMA L7-15P for 277V

*Add suffix to fixture part number for factory installed option.

Factory Installed NSF Certified Watertight Plug Options:

NEMA L5-15P
For 120V Input

NEMA L6-15P
For 240V Input

NEMA L7-15P
For 277V Input

NSF-Certified Plug Options*
"-PN1" - NEMA L5-15P for 120V
"-PN2" - NEMA L6-15P for 240V
"-PN3" - NEMA L7-15P for 277V

*Add suffix to fixture part number for factory installed option.

Accessories:

RF14210

∅10"
∅259mm

5.9"
150mm

∅16"
∅411mm

RF14230

∅11"
∅275.7mm

6"
152mm

∅18.5"
∅471mm

AC27485
(M10)

VENTURE
LIGHTING