HBI HIGH BAY LIGHT
White

LED Heat Sink Design
Enables the highest ambient working temperature up to 122 °F, among the highest in the industry.

Can Be Mounted Indoors Or Outdoors
2 Mounting options: Hook, Yoke.

Quick Wiring
Junction box for quick wiring.

90 degree high transmittance pc lens.

Lumileds medium power LEDs, 70,000 hours rated life.

140 lm/W, high efficacy. 100W, 150W, 230W, and 280W models.

* The NSF certification is only for the light. It DOES NOT include the sensor.

Occupancy Microwave Sensor—Model: MSC

Programmable occupancy and photocell sensor options to create a smart lighting system.

Sensor Coverage Area

Warehouse Lighting—Ceiling Mount

Sensor
6m
52.4ft 16m

Sensor
10m
33ft 10m

REFLECTOR OPTIONS

PC Cover + A PC Bottom Cover	PC Cover + Y PC Bottom Cover

Aluminum Cover 100–150W(16 inch) 230–280W(19 inch)	PC Lens

DIMENSIONS

100–150W
17.3 in
16.0 in

16.8 in
16.0 in

230–280W
18.0 in
19.0 in

18.4 in
19.0 in

*The black version HBI high bay LED light has all same features as the white one.
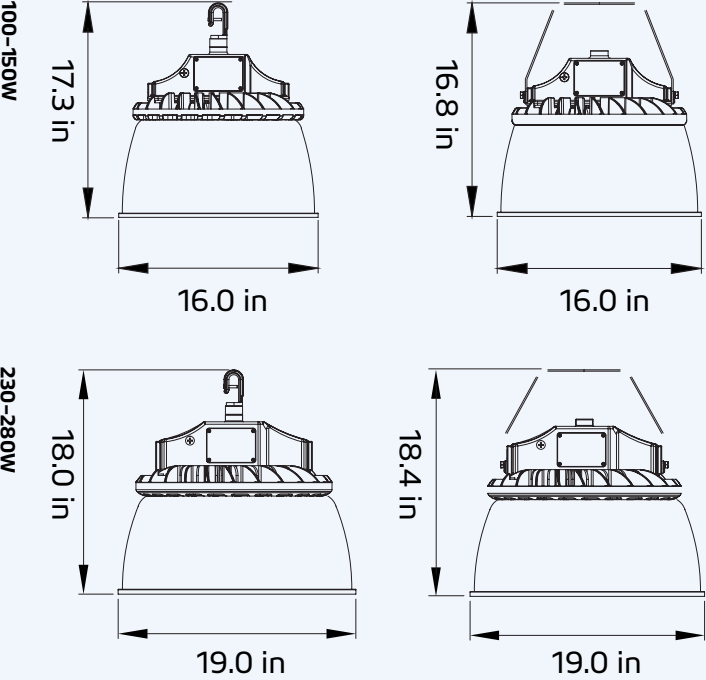
HBI HIGH BAY LIGHT
100W~280W DLC PREMIUM

Occupancy Microwave Sensor Option

TECHNICAL SPECIFICATIONS

HOUSING	ADC12 aluminum heat sink, Outdoor powder coating.
VOLTAGE	100–277V, 60Hz AC
LED	LumiLEDs
EFFICACY	140LM/W
LUMENS@5000K	14,325–40,040 lumens
POWER FACTOR	≥0.9
BEAM ANGLE	90°
THD	<20%
OPERATING TEMP	-40°F–122°F
ALUMINUM LED BOARD	High conductive, Waterproof, Aging resistance, Salt mist resistance, Long-life.
CONTROLS / DIMMING	0–10V Dimming
CCT	4000K and 5000K
CRI	>80
RATED LIFE	70,000 hours

PRODUCT NUMBER BUILDER

Example: STLHBI1004YKBK

SOLTECH High Bay HBI 100 watt, 4000K, Yoke installation, with a black finish.

| SERIES	WATT (W -8%~+5%)	COLOR TEMP (X)	MOUNTING OPTIONS (YY)	FINISH (ZZ)	VOLTAGE (V) (Blank)	OPTIC TYPE (Blank)	DIMMING (Blank)
STLHBI	100	**4**=4000K	**YK**=YOKE	**BK**=BLACK	100–277	90°	0–10V/PWM/VR
	150	**5**=5000K	**HK**=HOOK	**WH**=WHITE			
	230						
	280						

PRODUCT PARAMETER

MODEL	DIMENSION (in)	VOLTAGE (V)	WATT (W -8%~+5%)	LUMENS @ 5000K(Lm)	EFFICACY (Lm/w)	OPTIC TYPE	DIMMING
STLHBI100XYYZZ	13.8X9.4 in	100~277	100	14,325	143	90°	0~10V/PWM/VR
STLHBI150XYYZZ	13.8X9.4 in	100~277	150	22,326	149	90°	0~10V/PWM/VR
STLHBI230XYYZZ	15.7X10.1 in	100~277	230	34,154	148	90°	0~10V/PWM/VR
STLHBI280XYYZZ	15.7X10.1 in	100~277	280	40,040	143	90°	0~10V/PWM/VR

DIMENSIONAL DRAWING
100W & 150W

9.4 in
13.8 in
17.3 in
16.1 in
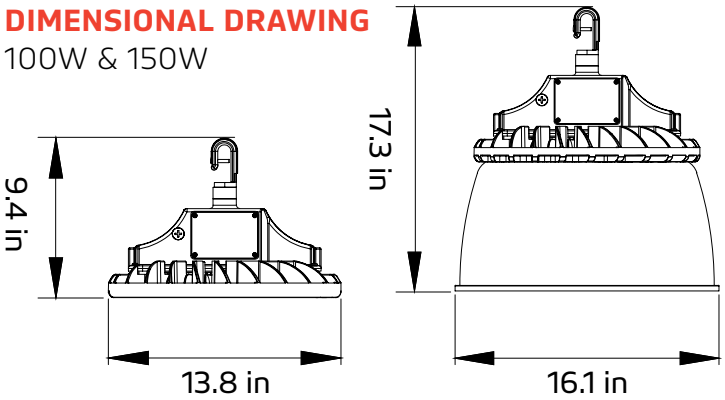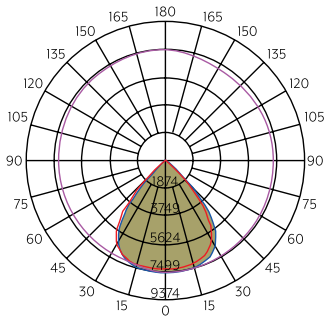
PHOTOMETRY

DIMENSIONAL DRAWING
230W & 280W

10.1 in
15.7 in
18.0 in
19.0 in
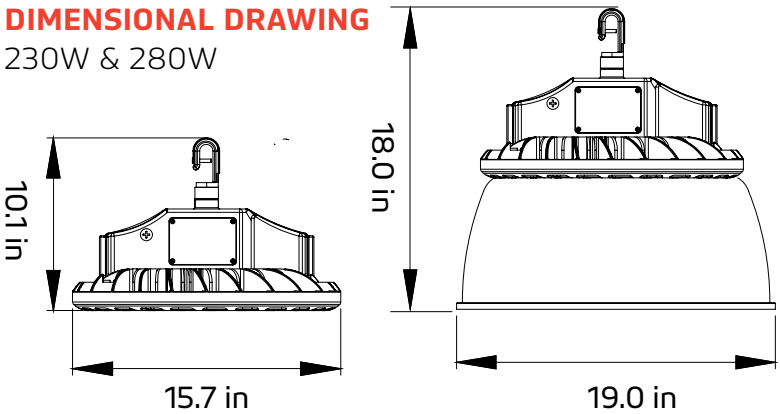
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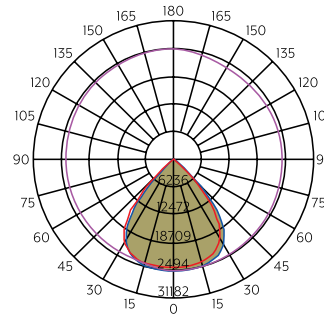
HBI PARTS LIST

ILLUSTRATION	HOOK INSTALLATION	YOKE INSTALLATION
A. HOUSING	A+B+D+F	A+C+D+F
B. HOOK/RING	A+B+F+G	A+C+F+G
C. YOKE (100W~150W and 200W~230W)		
D. TYPE A PC BOTTOM COVER (16" and 19")	A+B+F	A+C+F
E. ALUMINUM REFLECTOR (16" and 19")		
F. PC REFLECTOR (16" and 19")	A+B+E	A+C+E
G. TYPE Y PC BOTTOM COVER (16" and 19")		
	A+B	A+C

*16" PC is suitable for 100~150W

*19" PC is suitable for 230~280W