

TRIPLE H

High Ambient High Output High Efficacy High Bay



CAT.#	APPROVALS
JOB	TYPE

SPECIFICATIONS

Applications -

The Triple H High Bay is a wet location high bay that is rated for 100% lumen output at 65°C, no excuses. At 60,000 lumens and only 431 watts, it is a great replacement fixture for existing 1000 watt HID high bays in tough industrial locations. Because of the modular design and flexible optical choices, the Triple H can light almost any area in your industrial facility.

Construction -

- Driver pod and light bars are aluminum extrusions
- The brackets and end caps are painted CRS
- Installation - Pendant mount or cable mounting
- Modular design from 30,000 lumens to 60,000 lumens
- Optics - Four extruded acrylic lens options or no lens for maximum efficacy

Performance -

- Three versions, 30,000 lumens, 45,000 Lumens and 60,000 lumens
- Up to 139 Lumens per Watt
- Full 65°C ambient rating, no excuses
- Minimum operating temperature of -40°C

Shielding (Five Reflector Options) -

- Diffuse extruded acrylic
- Clear extruded acrylic, narrow distribution
- Clear extruded acrylic, medium distribution
- Clear extruded acrylic, wide distribution
- No lens, bare LEDs

Electrical -

- Total input wattage of 215 watts, 323 watts and 431 watts
- Replacement for 1000 watt HID and 400w HID
- Universal voltage of 120 VAC - 277 VAC

Warranty -

- Five Year Warranty (Terms and Conditions Apply)



Certifications -

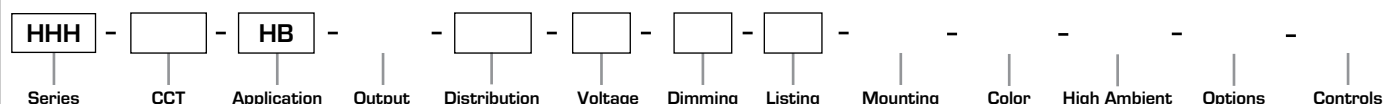
- Certified by CSA to UL 1598 and CSA 22.2 No. 250.0, suitable for wet location and ambient not exceeding 65°C.
- DLC® (DesignLights Consortium) Qualified - see www.designlights.org

LUMEN MAINTENANCE	REPORTED HOURS	CALCULATED HOURS
L70 @ 65°C	> 60,000	100,000



ORDERING INFORMATION

ORDERING EXAMPLE: HHH5KHBL0UWACWHHSP



SERIES

HHH

CCT

4K 4000K, 83 CRI
5K 5000K, 83 CRI

APPLICATION

HB High Bay

OUTPUT

LO Low Output
MO Medium Output
HO High Output

DISTRIBUTION

W Wide
N Narrow
M Medium
D Diffuse
- No Lens (blank)

VOLTAGE

U Universal 120-277V
1 120
2 208
3 240
4 277
F 347
5 480

Notes: Specific voltage selection required when selecting Fusing and/or Hook/Loop option

DIMMING

CD Dimming
ND No Dimming

LISTING

W Wet Location Rated
D Damp Location Rated

MOUNTING

A2 Pendant with 3/4" Hub
(via Yoke adapter)
AC Cable
Notes: Top Luminaire Retainer recommended for A2 mount

COLOR

WH White
GR Gray

HIGH AMBIENT

HA High Ambient

OPTIONS

F(x) Fusing
SP Surge Protector
WGR Wire Guard Round Lens
WGF Wire Guard Flat Lens
ELL 14 Emergency Battery Pack, 10 Watt^{1,2}
C(y)HL Hook/Loop Damp Location
Cord with plug and hook loop for A2 mounting. Includes wiring box.
C(y)HLW Hook/Loop Wet Location
Cord with plug and hook loop for A2 mounting. Includes wiring box.

P20A 20 amp Twist Loc Plug
P15A 15 amp Twist Loc Plug

TLR(y) Top Luminaire Retainer³

Notes: Replace (y) with the length. 4=4ft, 6=6ft, 8=8ft., 10=10ft., 12=12ft

¹ Not available with 347V/480V or HO lumen output

² Up to 45°C ambient only

³ Included option with every order

CONTROLS

WIS Wireless Control WiScape
OCS Occupancy Sensor

TRIPLE H - High Ambient High Output High Efficacy High Bay

PHOTOMETRIC DATA: IES_HHH_5K_HB_MO_19439 | 5.18.17

LUMINAIRE DATA

HHH-5K-HB-MO

Luminaire - Narrow distribution modular high bay with clear acrylic refractor

DRIVER: 95 WATT PHILIPS ADVANCE

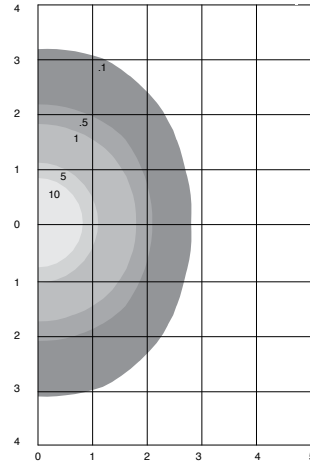
Driver Factor	1.0
Lamp	LED
Lumens	46,190
Watts	326.4
Efficacy	142.0
Mounting	Pendant
Spacing Criterion	1.29 (0°) 1.29 (90°)

LUMINOUS OPENING IN FEET

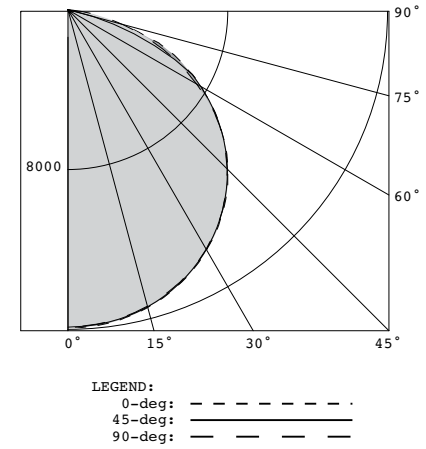
Length	2.17 (Diameter)
Width	1.17 (Diameter)

ZONE	LUMENS	% FIXT.
0-30	12,537	27.1
0-40	20,750	44.9
0-60	37,477	81.1
0-90	46,189	100.0
0-180	46,190	100.0

ISOMETRIC FOOT CANDLES



POLAR GRAPH



PHOTOMETRIC DATA: IES_HHH_5K_HB_HO_19435 | 4.4.17

LUMINAIRE DATA

HHH-5K-HB-HO

Luminaire - Narrow distribution modular high bay with clear acrylic refractor

DRIVER: 95 WATT PHILIPS ADVANCE

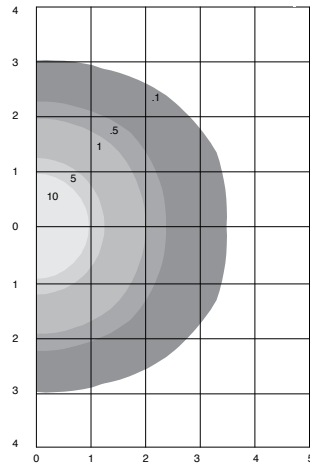
Driver Factor	1.0
Lamp	LED
Lumens	66,245
Watts	433.4
Efficacy	153.0
Mounting	Pendant
Spacing Criterion	1.29 (0°) 1.30 (90°)

LUMINOUS OPENING IN FEET

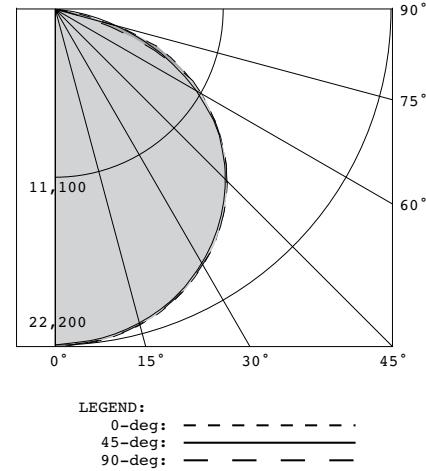
Length	2.33 (Diameter)
Width	2.33 (Diameter)

ZONE	LUMENS	% FIXT.
0-30	17,579	26.5
0-40	29,153	44.0
0-60	53,007	80.0
0-90	66,177	99.9
0-180	66,245	100.0

ISOMETRIC FOOT CANDLES



POLAR GRAPH



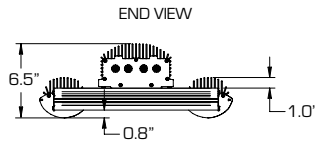
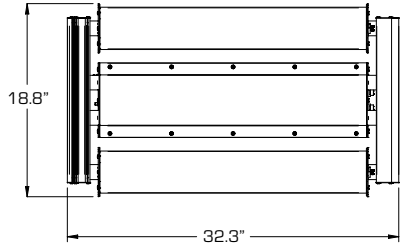
TECHNICAL DATA

	CATALOG STRING	LUMEN OUTPUT	WATTS	LUMINAIRE EFFICACY	CCT	CRI	APPROX. INSTALLED WEIGHT	SPACING RATIO	AMP DRAW								
									120V	208V	240V	277V	347V	480V			
HIGH BAY	LO	D	HHH-5K-HB-LO-D	24078	216	143	5000	83	45	1.3	1.82	1.04	0.91	0.80	0.62	0.44	
		N	HHH-5K-HB-LO-N	29253													1.0
		M	HHH-5K-HB-LO-M	31463													1.3
		W	HHH-5K-HB-LO-W	29985													1.7
		No Lens	HHH-5K-HB-LO	32801													1.3
	MO	D	HHH-5K-HB-MO-D	39174	326	120	5000	83	54	1.3	2.71	1.55	1.35	1.19	0.92	0.67	
		N	HHH-5K-HB-MO-N	36102													1.0
		M	HHH-5K-HB-MO-M	42805													1.3
		W	HHH-5K-HB-MO-W	38554													1.7
		No Lens	HHH-5K-HB-MO	46190													1.3
	HO	D	HHH-5K-HB-HO-D	60905	432-436	140	5000	83	65	1.3	3.63	2.08	1.82	1.59	1.22	0.86	
		N	HHH-5K-HB-HO-N	59208													1.0
		M	HHH-5K-HB-HO-M	63927													1.3
		W	HHH-5K-HB-HO-W	61519													1.7
		No Lens	HHH-5K-HB-HO	66245													1.3

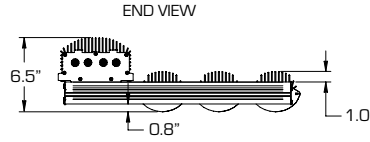
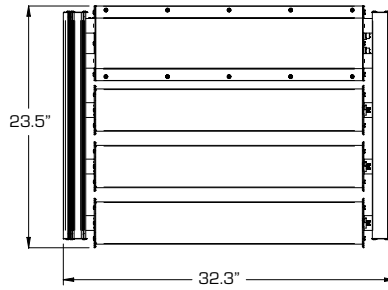
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DIMENSIONS

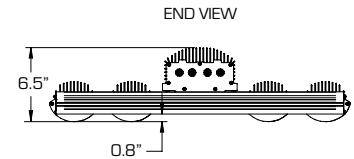
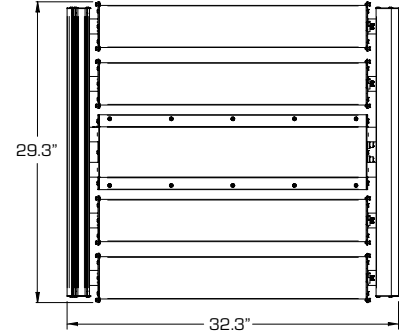
HIGH BAY TWIN
TOP VIEW



HIGH BAY TRIO
TOP VIEW

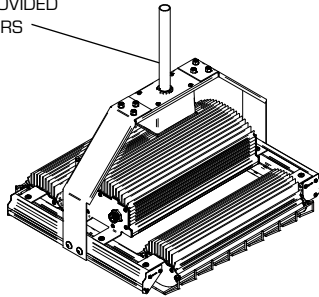


HIGH BAY QUAD
TOP VIEW

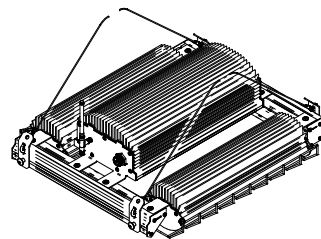


*Dimensions are based on round lens option

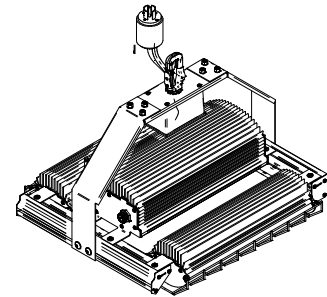
CONDUIT PROVIDED BY OTHERS



A2 PENDANT MOUNTING OPTION
INTEGRAL YOKE & WIRING BOX STD.
(SUPPLY AC POWER CORD NOT SHOWN)



AC AIRCRAFT CABLE MOUNTING OPTION
(SUPPLY AC POWER CORD NOT SHOWN)



A2 HOOKLOOP MOUNTING OPTION
INTEGRAL YOKE & WIRING BOX STD.
(SUPPLY AC POWER CORD NOT SHOWN)

APPLICATION GUIDE

HID REPLACEMENT						
		250W	320W/350W/400W	600W	750W	1000W
		HPS, MH, PSMH	MH, PSMH	HPS	PSMH	MH, PSMH
HIGH BAY	LO	30,000		485W SAVED/FIXTURE	595W SAVED/FIXTURE	
	MO	45,000			450W SAVED/FIXTURE	720W SAVED/FIXTURE
	HO	60,000				645W SAVED/FIXTURE

ACCESSORIES

ITEM	PART NUMBER	DESCRIPTION
Lens		
26-inch diffuse	93075044	LENS-REPL HB RND DIFF ACRYL DIFFUSE
26-inch medium	93075046	LENS-REPL HB FLAT CLR ACRYL MEDIUM
26-inch narrow	93075048	LENS-REPL HB FLAT CLR ACRYL NARROW
26-inch wide	93075050	LENS-REPL HB FLAT CLR ACRYL WIDE
Wire Guard		
26-inch flat	93075052	ASM-REPL WG FLAT HB HHH WHITE
26-inch round	93075055	ASM-REPL WG RND HB HHH WHITE
26-inch flat	93077271	ASM-REPL WG FLAT HB HHH GRAY
26-inch round	93077273	ASM-REPL WG RND HB HHH GRAY

REPLACEMENTS

ITEM	PART NUMBER	DESCRIPTION
Light Engines		
26-inch LED board 5K	93075033	PCB-REPL ASM 512CT 80CRI 5000K
26-inch LED board 4K	93075035	PCB-REPL ASM 512CT 80CRI 4000K
Drivers		
95W Driver 120-277V	93075036	ASSY-REPL ADV DRVR-XI095W UNIV.
50W Driver	93075037	ASSY-REPL ADV DRVR-XI050W UNIV.
95W Driver 347-480V	93075038	ASSY-REPL ADV DRVR-XH095W 347-480V