ALS®
Advantage Lighting Solutions

HBH SERIES HIGH AMBIENT BAY LIGHT

CONSTRUCTION
Single piece die-cast aluminum housing, driver enclosure thermally separated from body, maximizes heat dissipation & air flow.
Unique design allows luminaire to perform and sustain under high ambient temperature applications up to 65°C (149°F).
IP66 rated protection against dust and jets of water.
Suitable for interior/exterior, wet, high pressure hosedown applications.

OPTICS
Custom engineered high-efficient impact resistant and high temperature rating optics providing optimally controlled light distribution.

350W / 410W

ELECTRICAL
70+ CRI LED.
-40°C up to 65°C* (-40°F up to 149°F) maximum operating temperature.
Long-life 100,000 hr LED at L70 @ 25°C.
50/60Hz, <20% THD, 0.9 power factor.
Field Selectable Lumen Techonology.
Driver operates at 120-277V input, 0-10V dimmable driver, down to 10% with integral 12V AUX 3.5mm sensor receptacle for SENSOR-ANT-6-4T.
Optional 347/480V input.
Optional dimming sensor for occupancy and ambient light level detection.

SENSORS (OPTIONAL)
SENSOR-ANT-6-4T - Plug-N-Play PIR on/off/dimming/photosensing (40FT MH).
SENSOR-ANT-6-4T-H - Plug-N-Play PIR on/off/dimming/photosensing (50FT MH).
SENSOR-BLE-6-4T - Plug-N-Play PIR ALS Control Bluetooth/on/off/dimming (40FT MH).
SENSOR-BLE-6-4T-H - Plug-N-Play PIR ALS Control Bluetooth/on/off/dimming (50FT MH).
"-EM" - Compatible with Emergency Battery (Auto-bypass)

SHIPPING DATA

Product	Measurement	Weight
HBH-350	26"L x 26"W x 8"H	18 lb
HBH-410	26"L x 26"W x 8"H	20 lb

MOUNTING
Pendant mount 3/4" conduit entry on top of fixture with snap hook.
Optional 3/4" Pipe Adapter to Pendant Mount Application.

STANDARD FINISH
Corrosion resistant Dark Bronze powder coating finish.
CUSTOM FINISH
Corrosion resistant Black, Graphite Metallic, Gray, Silver, White or custom RAL#.

CERTIFICATION
IP66 Wet location label standard.
Meets Buy America Act requirements.
IK10 Impact Rated.
All luminaires are built to UL1598 standards and bear appropriate cULus labels.
DLC® Premium (DesignLights Consortium Qualified)

WARRANTY
5 year warranty, see Limited Warranty for additional information.

c(UL)us LISTED   DLC LISTED PREMIUM™   PROUDLY ASSEMBLED IN AMERICA   ALS CONTROL

Bluetooth   IP66

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ORDER INFORMATION					EXAMPLE : HBH 350 50 C DB UD		
Fixture	Series	Power & LM	CCT	Lens	Finish		Input
HBH			50	C	DB		
Accessories Options							

A SERIES

HBH	Bay Light - Field Selectable Lumen

B POWER & LM

CODE	POWER	LM	CODE	POWER	LM
350	MAX 350W (up to 55°C)	62,000	410	MAX 410W (up to 55°C)	72,000
	140W High Ambient (up to 65°C)	26,600		164W High Ambient (up to 65°C)	31,000
	210W High Ambient (up to 65°C)	39,000		246W High Ambient (up to 65°C)	45,500
	280W High Ambient (up to 65°C)	51,000		328W High Ambient (up to 55°C)	59,000
	350W High Ambient (up to 55°C)	62,000		410W High Ambient (up to 55°C)	72,000

C CCT

50	5000K

D LENS

C	Clear

F FINISH

Standard							
DB	Dark Bronze						
Custom Color							
CC	BK	Black	GM	Graphite Metallic	GR	Gray
	SV	Silver	WH	White	RAL#	

F INPUT

UD	110-277V, 1-10V Dimmable, w/Integral 12V AUX 3.5mm sensor receptacle for SENSOR-ANT-6-4T
HD	347V, 480V, 1-10V Dimmable, w/Integral 12V AUX 3.5mm sensor receptacle for SENSOR-ANT-6-4T

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G	ACCESSORIES/OPTIONS
BAA	Assembled in America, compliant with BAA (COTS)
MOUNT-HB-PIPE-BK	3/4" Pipe Adapter to Pendant Mount Application
REMOTE-RC100	Handheld Remote Commissioning Tool for SENSOR-ANT (1 per job)
SENSOR-ANT-6-4T*	Plug-N-Play PIR on/off/dimming/photosensing up to **40FT MH**
SENSOR-ANT-6-4T-EM*	Plug-N-Play PIR on/off/dimming/photosensing for **EMB application** up to **40FT MH**
SENSOR-ANT-6-4T-H*	Plug-N-Play PIR on/off/dimming/photosensing up to **50FT MH**
SENSOR-ANT-6-4T-H-EM*	Plug-N-Play PIR on/off/dimming/photosensing for **EMB application** up to **50FT MH**
SENSOR-BLE-6-4T*	Plug-N-Play Bluetooth on/off/dimming/Daylight Harvesting Sensor (ALS Control Mobile App)
SENSOR-BLE-6-4T-EM*	Plug-N-Play Bluetooth on/off/dimming/Daylight Harvesting Sensor (ALS Control Mobile App) for EMB application
SENSOR-BLE-6-4T-H*	Plug-N-Play Bluetooth on/off/dimming/Daylight Harvesting Sensor (ALS Control Mobile App) up to **50FT MH**
SENSOR-BLE-6-4T-H-EM*	Plug-N-Play Bluetooth on/off/dimming/Daylight Harvesting Sensor (ALS Control Mobile App) for EMB application up to **50FT MH**
-CORD	18-3 300V 6 Foot Cord
-PLUG	18-3 300V 6 Foot and 3 Prong Plug
TWIST-LOCK	Specify Plug Type: **L515P / L715P / HBL5929 / L8-20P**

*see page 6 for sensor spec

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DIMENSIONS

Model	H1	H2	W1	W2
HBH-350 / 410	7.47" (190mm)		ø 24.25" (616mm)	
MOUNT-HB-PIPE-BK		3.15" (80mm)		ø 1.01" (26mm)

Luminaire

Pipe Adapter

ø W2

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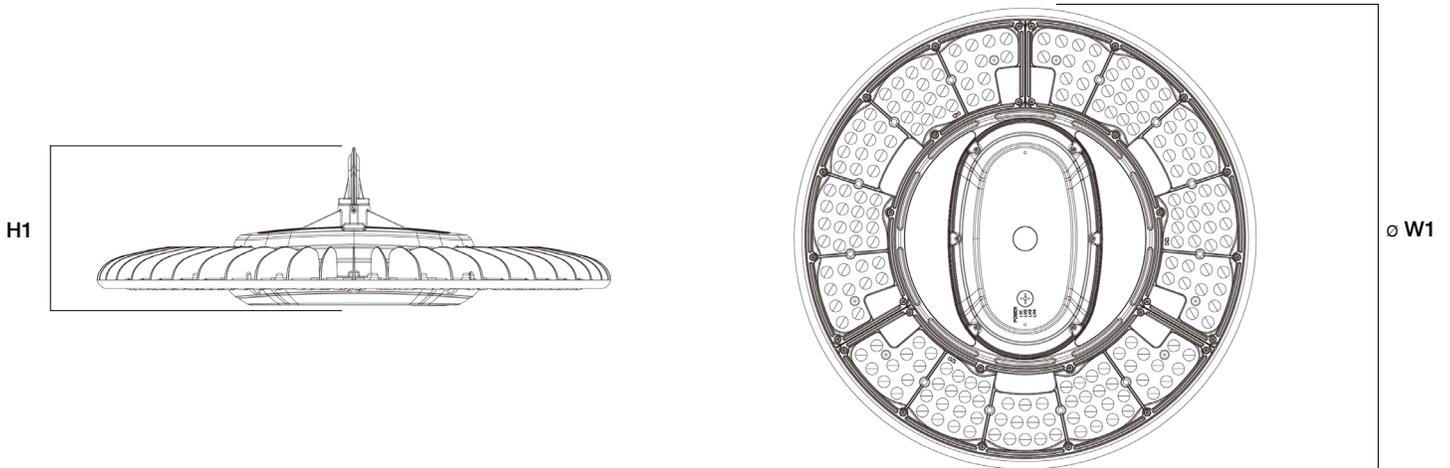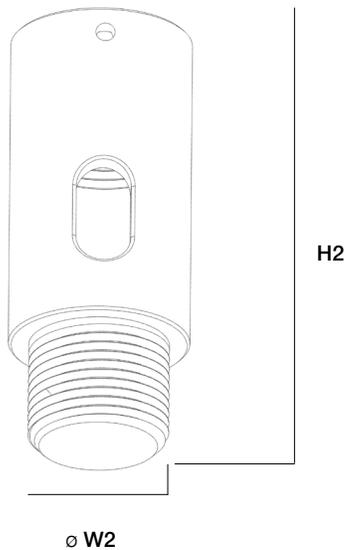
PERFORMANCE DATA

SYSTEM WATTS	MAX AMBIENT TEMPERATURE	VOLTAGE	5000K	
			LUMENS	LPW
350W Set @ 140W	65°C	120-277 / 347/480V	26,600	190
350W Set @ 210W	65°C	120-277 / 347/480V	39,000	186
350W Set @ 280W	65°C	120-277 / 347/480V	51,000	182
350W Set @ 350W	55°C	120-277 / 347/480V	62,000	177
410W Set @ 164W	65°C	120-277 / 347/480V	31,000	189
410W Set @ 246W	65°C	120-277 / 347/480V	45,500	185
410W Set @ 328W	55°C	120-277 / 347/480V	59,000	180
410W Set @ 410W	55°C	120-277 / 347/480V	72,000	176

DLC CODE

Part Number	DLC Product ID	DLC Class
HBH-35050C-[DB, BK, WH] [UD,HD][Blank, SENSOR-BLE-619-L3/L4, SENSOR-ANT-6-4T]	S-J0FR6J	Premium
HBH-41050C-[DB, BK, WH] [UD,HD][Blank, SENSOR-BLE-619-L3/L4, SENSOR-ANT-6-4T]	S-2DZS5D	Premium

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SENSOR SPEC

Model	Type	Mounting	Coverage	Input	Function	Programmable
SENSOR-ANT-6-4T SENSOR-ANT-6-4T-EM	PIR	up to 40FT	30FT radius	12V DC	On/Off/Dimming	REMOTE-RC100
SENSOR-BLE-6-4T SENSOR-BLE-6-4T-EM (see page 7 for detail)	PIR	up to 40FT	30FT radius	12V DC	Bluetooth Mesh On/Off/Dimming Daylight Harvesting	ALS Control Bluetooth Mobile App
SENSOR-ANT-6-4T-H* SENSOR-ANT-6-4T-H-EM	PIR	up to 50FT	30FT radius	12V DC	On/Off/Dimming	REMOTE-RC100
SENSOR-BLE-6-4T-H* SENSOR-BLE-6-4T-H-EM	PIR	up to 50FT	30FT radius	12V DC	Bluetooth Mesh On/Off/Dimming Daylight Harvesting	ALS Control Bluetooth Mobile App

SENSOR-ANT-6-4T
SENSOR-ANT-6-4T-EM
SENSOR-BLE-6-4T
SENSOR-BLE-6-4T-EM
SENSOR-BLE-6-4T-H
SENSOR-BLE-6-4T-EM-H

ALS CONTROL

SENSOR-BLE-6 BLUETOOTH PIR SENSOR

Client:
Project:
Type:
Quantity:

FEATURE

- **Installation:** Plug-N-Play via AUX socket on attached fixture
- **Commissioning:** Wirelessly through ALS Control Mobile App (iOS / Android)
- **Certification:** DLC 5.1 Networked Lighting Control System
- **Control:** Hold time, High-Low setting, continuous Bi-level dimming, Code-compliant manual-on or auto-off capability
- **Sensor:** Motion (Occupancy/Vacancy/Manual) and Daylight Harvesting
- **Room and Zone Control:** Zoning and Grouping control, Scheduling

SPECIFICATIONS

SENSOR TYPE:	Passive Infrared Sensor (PIR)
WIRELESS STANDARDS:	5.0 Bluetooth Mesh
STANDARD OPTION:	SENSOR-BLE-6-4T
EMB OPTION:	SENSOR-BLE-6-4T-EM
	(Designed for fixtures with emergency kit. When the voltage power is off, the sensor will stop working.)
INPUT VOLTAGE:	12-24VDC, >50mA
CONTROL OUTPUT:	0-10V
OPERATING TEMP:	-4°F ~ +140°F (-20°C ~ +60°C)
COMMISSIONING RANGE:	50FT
BLUETOOTH RANGE:	164FT
DETECTION ANGLE:	360°
MOUNTING HEIGHT:	Up to 40FT
WARRANTY:	5 years
IP RATING:	IP65
FACTORY DEFAULT SETTINGS:	100% Brightness for 5 min
	Dim Down to 30% Hold for 10 min
	Turn Off

DIMENSIONS
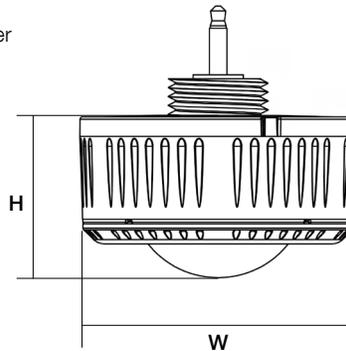
H	W
1.03" (26.2mm)	2.17" (55mm)

COVERAGE PATTERNS

SIDE VIEW
(in feet)

TOP VIEW
(in feet)

60 FT
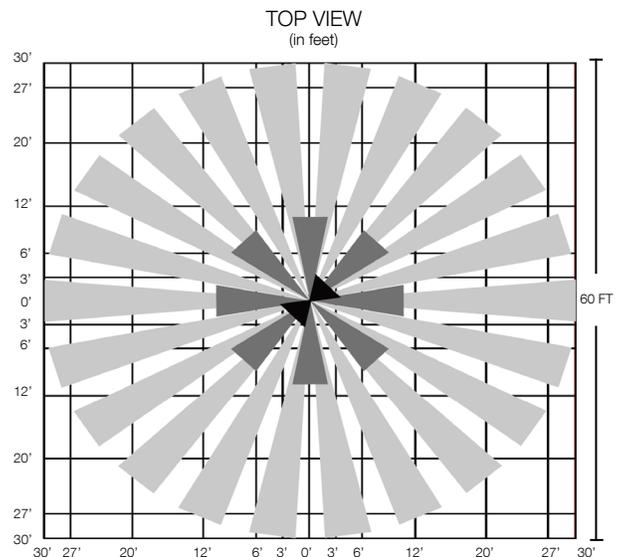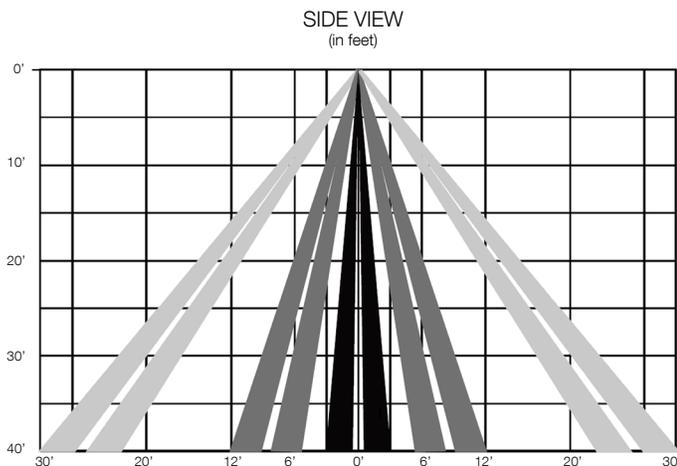
ORDER CODES

SENSOR-BLE-6-4T	"Plug-N-Play" Integral Bluetooth Daylight Harvesting Sensor (ALS Control Mobile App) up to 40FT MH.
SENSOR-BLE-6-4T-EM	"Plug-N-Play" Integral Bluetooth Daylight Harvesting Sensor (ALS Control Mobile App) up to 40FT MH w/ EMB.
SENSOR-BLE-6-4T-H	"Plug-N-Play" Integral Bluetooth Daylight Harvesting Sensor (ALS Control Mobile App) up to 50FT MH.
SENSOR-BLE-6-4T-H-EM	"Plug-N-Play" Integral Bluetooth Daylight Harvesting Sensor (ALS Control Mobile App) up to 50FT MH w/ EMB.

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