Client:
Project:
Type:
Quantity:

CS SERIES WET LOCATION BAY LIGHT GEN 2

CONSTRUCTION

Casting thermally conducts LED heat to optimize performance and long life. Corrosion-resistant powder coating provides protection and architectural appearance while adapting well to the environment. Housing is completely sealed against moisture and environmental contaminants. IP65 wet location rated.

OPTICS

Anti-UV prismatic translucent lens is designed to shape light uniformity and control glare. Polycarbonate lens provides IK10 impact resistance. UGR<28.

ELECTRICAL

80 CRI LED.
-40°C up to 45°C (-40°F up to 113°F) maximum operating temperature.
Long-life 100,000 hr LED at L70.
Available with CCT / Output selectable function.
Universal Input 120-277V, 0-10V dimming, with a 10~100% Dimming Range.
50/60Hz, <15% THD, 0.9 power factor, built-in 6kV surge protection.
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)

MOUNTING

Standard Ring w/Safety Cable included.
Optional 3/4" Pipe Adapter to Pendant Mount Application.
Optional Yoke mount bracket.

STANDARD FINISH

Corrosion Resistant Semi-Gloss Black Finish.

CERTIFICATION

IK10 Rating.
IP65 wet location label standard.
Meets NSF Certification for food-grade non-splash zones.
Meets Buy America Act requirements. Available for BAA Compliant projects.
All luminaires are built to UL1598 standards and bear appropriate cULus labels.
For Emergency application, equipment with UL924 certified battery packs.
DLC® Premium (DesignLights Consortium Qualified)

WARRANTY

5 year warranty, see Limited Warranty for additional information.



w/Optional Plug-N-Play Sensor

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Specifications are subject to change without notice

ALS®
Advantage Lighting Solutions

CS SERIES WET LOCATION BAY LIGHT GEN 2

ORDER INFORMATION — EXAMPLE : CSB-G2 230SC BK UD

Fixture	Series	Power & LM	Finish	Input
	CSB-G2		BK	

Mounting		Accessories Options	

A SERIES

CSB-G2	CS Series Wet Location Bay Light, Gen 2

B POWER & LM & CCT

Code	Power	LM @ 5000K	CCT
165SC	Field Selectable 99 / 132 / 165W	15,300 / 19,800 / 24,000lm	Field Selectable 4000 / 5000K
215SC	Field Selectable 129 / 172 / 215W	19,300 / 24,900 / 30,000lm	Field Selectable 4000 / 5000K
250SC	Field Selectable 150 / 200 / 250W	23,100 / 29,800 / 36,000lm	Field Selectable 4000 / 5000K
500SC	Field Selectable 300 / 400 / 500W	51,000 / 66,000 / 80,000lm	Field Selectable 4000 / 5000K

C FINISH

BK	Black

D INPUT

UD	120-277V, 0-10V 10-100% Dimming
HD	277-480V, 0-10V 10-100% Dimming

E MOUNTING

blank	Snap Ring Mount w/Safety Cable (standard)
MOUNT-CSB-PIPE	3/4" Pendant Adapter
MOUNT-CSB-YM	Yoke Mount

F ACCESSORIES/OPTIONS

BAA	Assembled in America, compliant with BAA (COTS)
SENSOR-ANT-6-4T / -H*	PIR on/off/dimming/photosensing. **blank**: up to 40FT MH / **-H**: up to 50FT MH
SENSOR-ANT-6-4T-EM / -H*	PIR on/off/dimming/photosensing for **EMB** application. **blank**: up to 40FT MH / **-H**: up to 50FT MH
SENSOR-BLE-6-4T / -H*	Bluetooth PIR on/off/dimming/daylight harvesting **blank**: up to 40FT MH / **-H**: up to 50FT MH
SENSOR-BLE-6-4T-EM / -H*	Bluetooth PIR on/off/dimming/daylight harvesting for EMB application. **blank**: up to 40FT MH / **-H**: up to 50FT MH
REMOTE-RC100	Handheld Remote Commissioning Tool for SENSOR-ANT (1 per job)
EMB-40W**	Wet Location Self-Diagnostic Emergency Battery 40W 100-347VAC Input (for fixtures up to 250W)
EMB-H40170**	Damp Location Self-Diagnostic Emergency Battery 40W 100-347VAC Input **HD Kit** Required (for fixtures up to 250W)
EMB-H40500**	Damp Location Self-Diagnostic Emergency Battery 40W 480VAC Input (for fixtures up to 250W)
LENS-CSB-G2-AR-__	CSB AR - Aluminum Reflector for CSB-G2-**165** / -**215** / -**250** / -**500**; Please specify:_____
LENS-CSB-G2-PR-__	CSB PR - Prismatic Reflector for CSB-G2-**165** / -**215** / -**250** / -**500**; Please specify:_____
-PLUG	6 Foot Cord and 3 Prong Plug
6FTD	6 Foot 0-10V Dimming Wire Extension Cord
TWIST-LOCK	Specify Plug Type: **L515P** / **L715P** / **HBL5929** / **L8-20P**

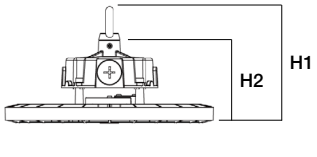
*see page 8 or sensor spec,

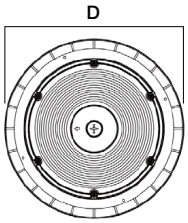
**see pages 6-7 for emb spec

CS SERIES WET LOCATION BAY LIGHT GEN 2

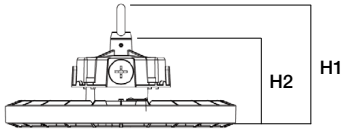
DIMENSIONS

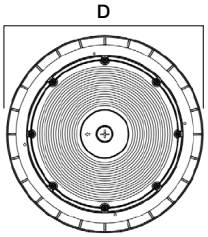
Model	D	H1	H2
CSB-G2-165	10.9” (277mm)	6.1” (155mm)	4.3” (110mm)
CSB-G2-215	11.7” (298mm)	6.2” (159mm)	4.5” (114mm)
CSB-G2-250	12.5” (319mm)	7.1” (180mm)	5.3” (136mm)
CSB-G2-500	17.9” (454mm)	7.5” (191mm)	5.2” (132mm)



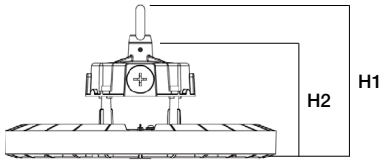


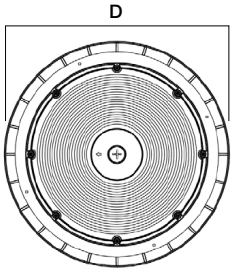
CSB-G2-165



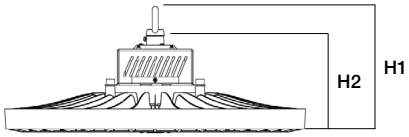


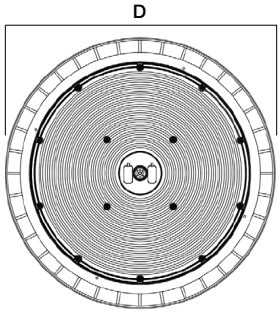
CSB-G2-215





CSB-G2-250





CSB-G2-500

CS SERIES WET LOCATION BAY LIGHT GEN 2

DIMENSIONS

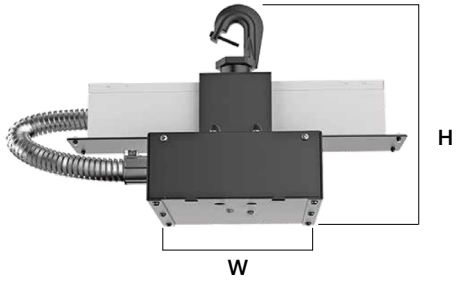
	W	H
Pipe Adapter	ø 1.01” (26mm)	3.15” (80mm)
HD Kit	6.33” (161mm)	7.36” (187mm)

Pipe Adapter
For 3/4” Pipe



HD Kit
Damp Location
480V Input Stepdown Transformer
Assembly

Also Compatible with:
EMB-H40170
EMB-H40500

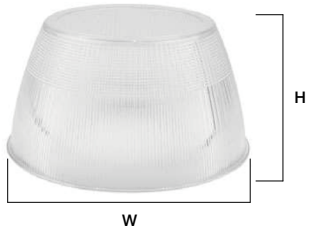


	W	H
LENS-CSB-G2-AR/-PR-165	ø 12.20” (310mm)	4.45” (113mm)
LENS-CSB-G2-AR/-PR-215	ø 16.22” (412mm)	5.94” (151mm)
LENS-CSB-G2-AR/-PR-250	ø 16.14” (410mm)	5.91” (150mm)
LENS-CSB-G2-AR/-PR-500	ø 22.44” (570mm)	8.19” (208mm)

LENS-CSB-G2-AR
Aluminum Reflector



LENS-CSB-G2-PR
Prismatic Reflector



CS SERIES WET LOCATION BAY LIGHT GEN 2

PERFORMANCE DATA

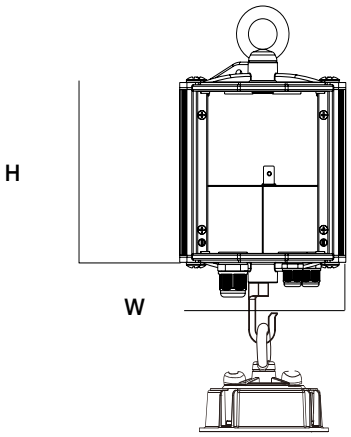
SYSTEM WATTS	4000K		5000K	
	LUMENS	LPW	LUMENS	LPW
CSB-G2-165 @ 99W	15800	160	15300	155
CSB-G2-165 @ 132W	20400	155	19800	150
CSB-G2-165 @ 165W	24700	150	24000	145
CSB-G2-215 @ 129W	20000	155	19300	150
CSB-G2-215 @ 172W	25800	150	24900	145
CSB-G2-215 @ 215W	31200	145	30000	140
CSB-G2-250 @ 150W	23200	155	23100	154
CSB-G2-250 @ 200W	30000	150	29800	149
CSB-G2-250 @ 250W	36200	145	36000	144
CSB-G2-500 @ 300W	52500	175	51000	170
CSB-G2-500 @ 400W	68000	170	66000	165
CSB-G2-500 @ 500W	82500	165	80000	160

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CS SERIES WET LOCATION BAY LIGHT GEN 2

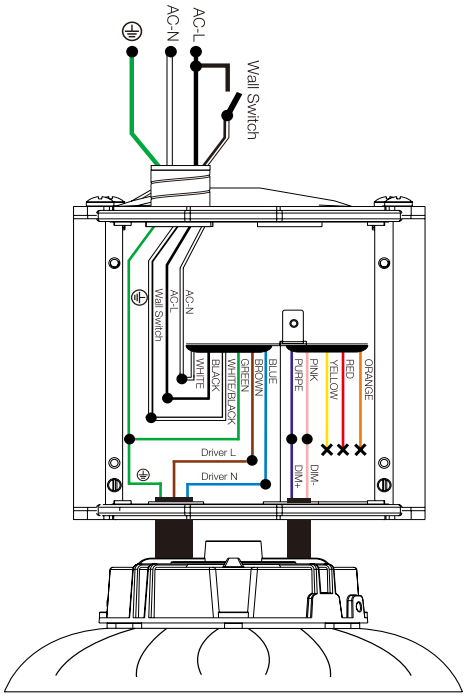
EMERGENCY BATTERY (WET LOCATION 120-277V INPUT)

Model	H	W
EMB-40W	6.80" (173mm)	ø 5.47" (139mm)

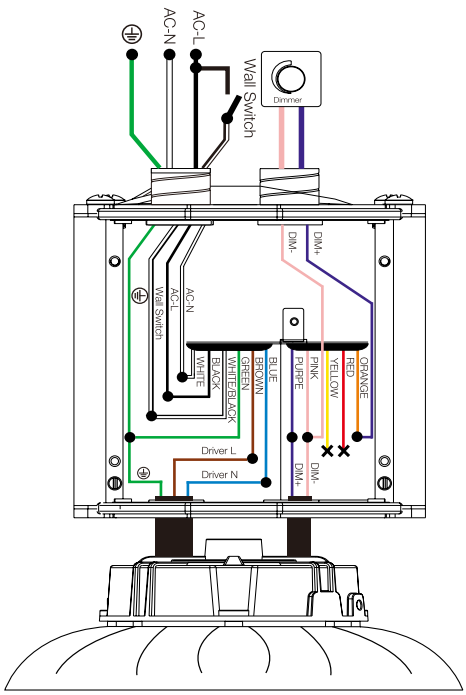


EMERGENCY BATTERY DIAGRAM

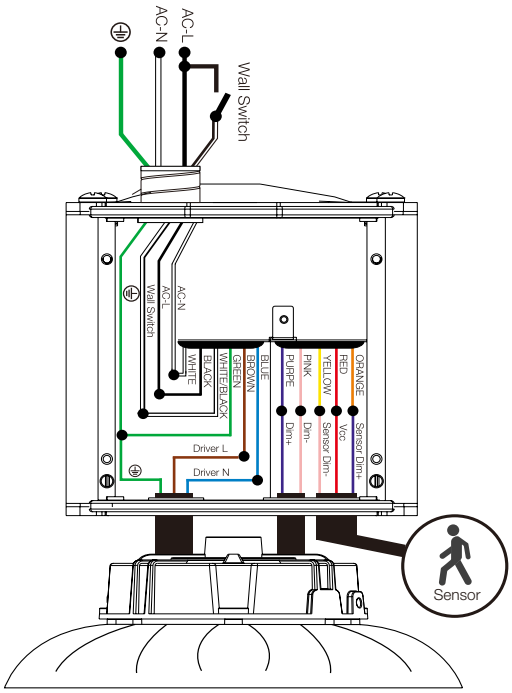
On/Off



w/0-10V Dimmer



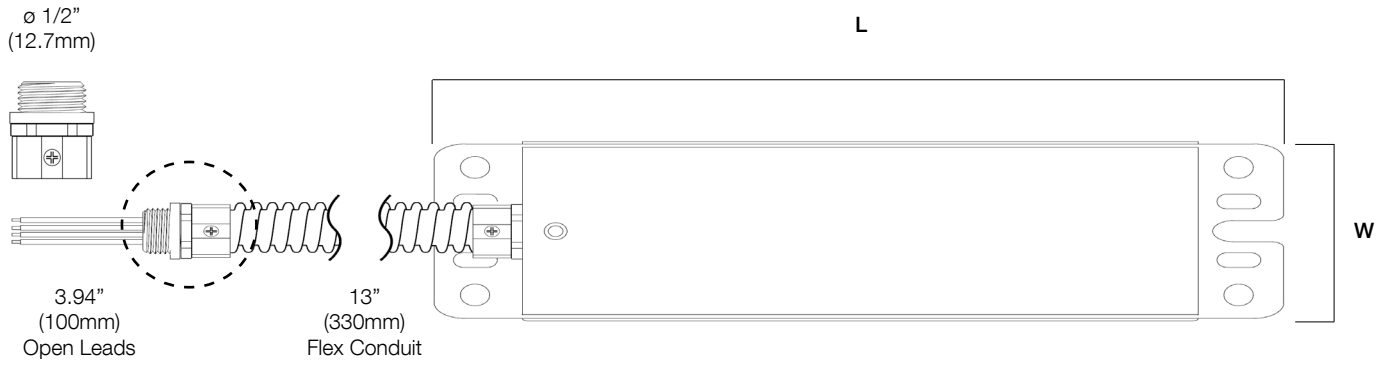
w/DC Sensor
SENSOR-ANT-6-4T



CS SERIES WET LOCATION BAY LIGHT GEN 2

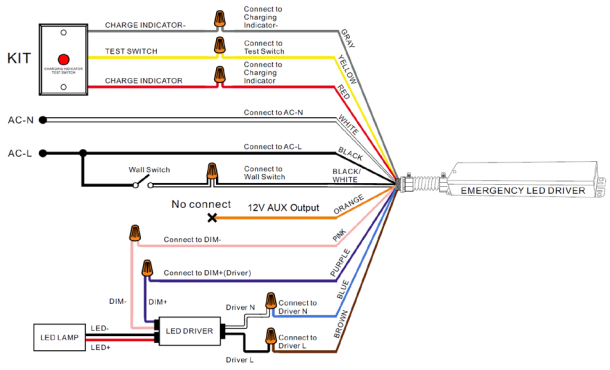
EMERGENCY BATTERY (DAMP LOCATION 120-277V / 480 INPUT)

MODEL	L	W	H
EMB-H40170	12.33” (313mm)	2.33” (59mm)	1.82” (46mm)
EMB-H40500	12.33” (313mm)	2.33” (59mm)	1.82” (46mm)

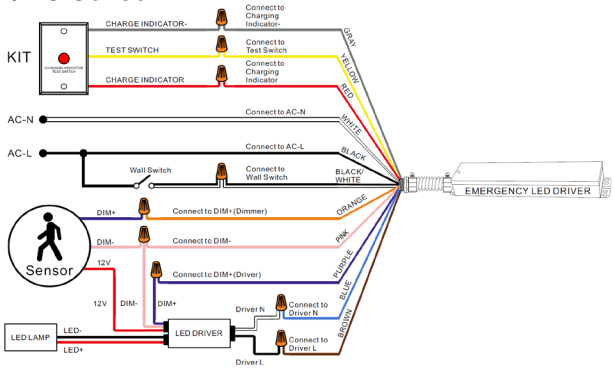


EMERGENCY BATTERY DIAGRAM

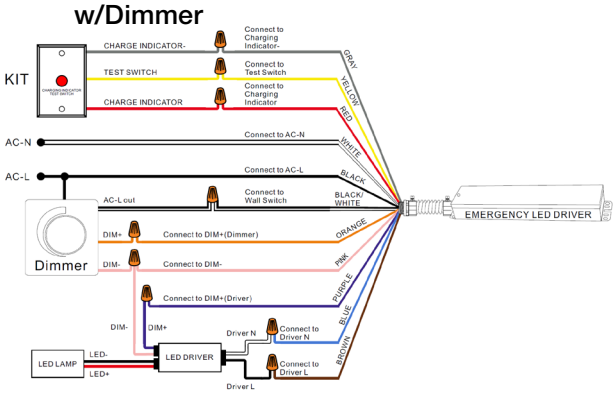
No Sensor/Dimmer



w/DC Sensor



w/Dimmer



CS SERIES WET LOCATION BAY LIGHT GEN 2

SENSOR SPEC

Model	Type	Mounting	Coverage	Input	Function	Programmable
SENSOR-ANT-6-4T SENSOR-ANT-6-4T-EM (see page 9 for detail)	PIR	up to 40FT	30FT radius	12V DC	On/Off/Dimming	REMOTE-RC100
SENSOR-BLE-6-4T SENSOR-BLE-6-4T-EM (see page 10 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 (see page 9 for detail)	PIR	up to 50FT	30FT radius	12V DC	On/Off/Dimming	REMOTE-RC100
SENSOR-BLE-6-4T-H* SENSOR-BLE-6-4T-H-EM (see page 10 for detail)	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-ANT-6 PIR SENSOR

Client:
Project:
Type:
Quantity:

FEATURE

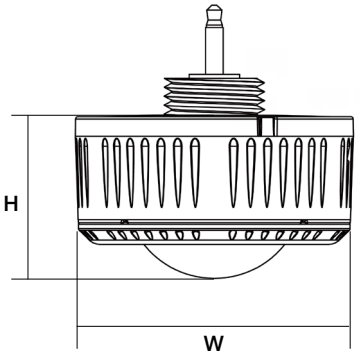


- **Installation:** Plug-N-Play via AUX Socket on Attached Fixture
- **Commissioning:** through Remote Control
- **Control:** Hold time, High-Low setting, Continuous Bi-Level Dimming, Code-Compliant Manual-On or Auto-Off Capability
- **Sensor:** Motion (Occupancy/Vacancy/Manual) and Daylight

SPECIFICATIONS

SENSOR TYPE:	Passive Infrared Sensor (PIR)
STANDARD OPTION:	SENSOR-ANT-6-4T
EMB OPTION:	SENSOR-ANT-6-4T-EM (Designed for fixtures with emergency kit. When the voltage power is off, the sensor will stop working.)
INPUT VOLTAGE:	12-24VDC, >30mA
LIGHT CONTROL:	10 ~ 50LUX
CONTROL OUTPUT:	0-10V
OPERATING TEMP:	-4°F ~ +140°F (-20°C ~ +60°C)
COMMISSIONING RANGE:	50FT from Remote Control
TIME SETTING:	10sec ~ 60min (adjustable)
DETECTION ANGLE:	360°
MOUNTING HEIGHT:	Up to 50FT.
WARRANTY:	5 years
IP RATING:	IP65

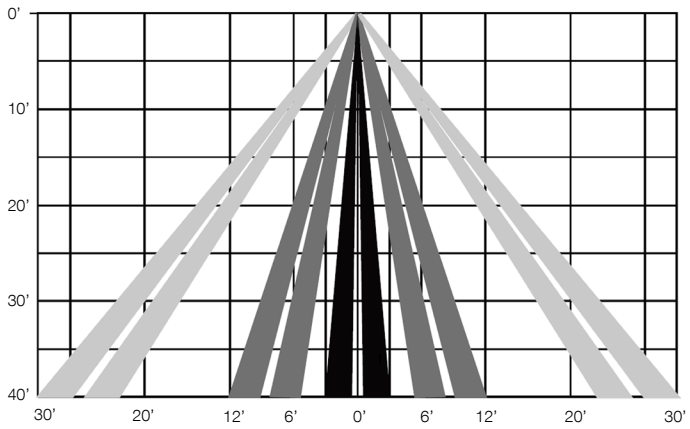
DIMENSIONS



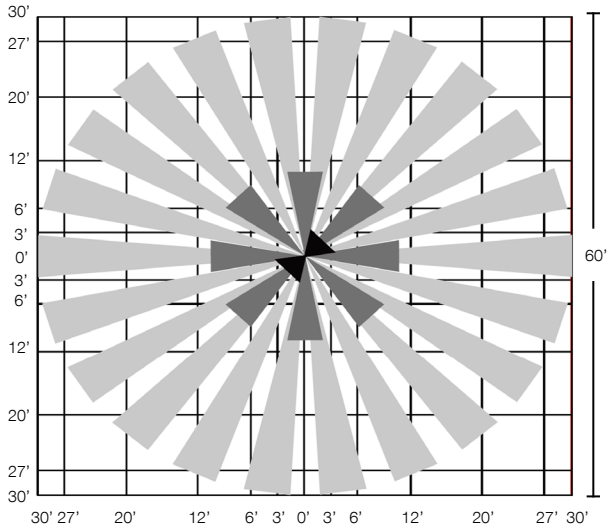
H	W
1.03” (26.2mm)	2.17” (55mm)

COVERAGE PATTERNS

SIDE VIEW
(in feet)



TOP VIEW
(in feet)



ORDER CODES

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

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Quick Ship

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Specifications are subject to change without notice

ALS CONTROL

SENSOR-BLE-6-4T BLUETOOTH PIR SENSOR

Client:
Project:
Type:
Quantity:

FEATURE

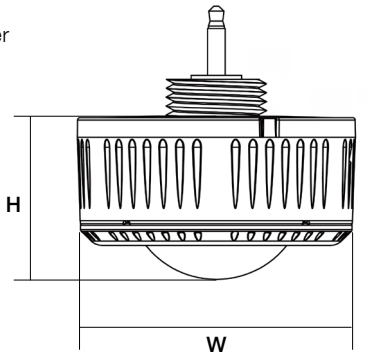


- **Installation:** Plug-N-Play via AUX socket on attached fixture
- **Commissioning:** Wirelessly through ALS Control Mobile App (iOS / Android)
- **Certification:** DLC 5.1 Networked Lighting Control System
- **Control:** Hold time, High-Low setting, continuous Bi-level dimming, Code-compliant manual-on 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

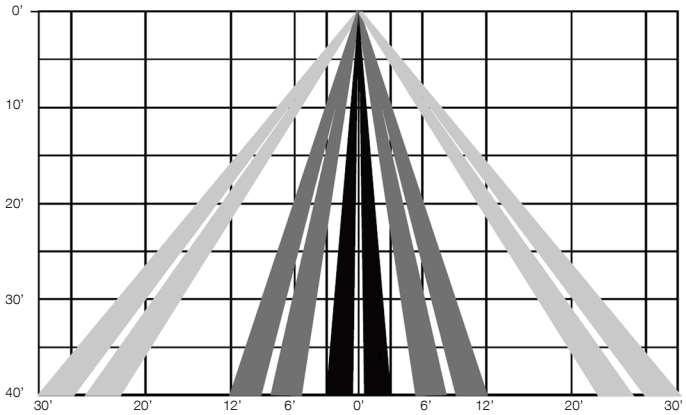
DIMENSIONS



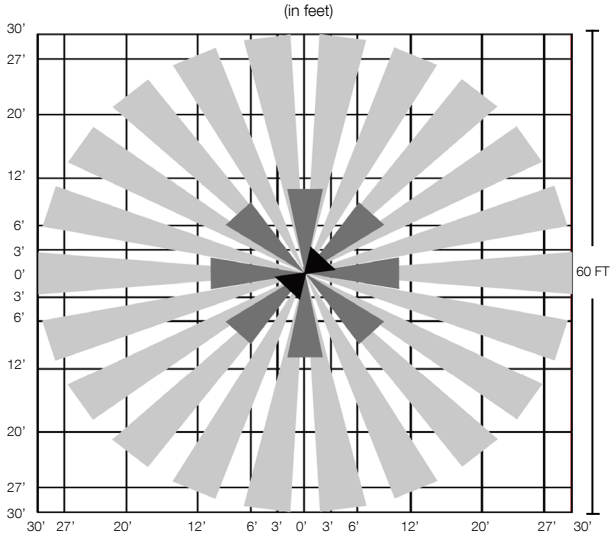
H	W
1.03” (26.2mm)	2.17” (55mm)

COVERAGE PATTERNS

SIDE VIEW
(in feet)



TOP VIEW
(in feet)



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.

c UL us LISTED

FC

Quick Ship

Download on the App Store

GET IT ON Google Play

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ALS CONTROL

REMOTE-RC100 SENSOR REMOTE PROGRAMMER

Client:
Project:
Type:
Quantity:

FEATURE

The Remote control wireless IR configuration tool is a handheld tool for remote configuration of IR-enabled fixture integrated sensors. The tool enables device to modify via push button and stores up to four sensor parameter modes to speed configuration of multiple sensors.

	PROGRAMMABLE	RESET
COMPATIBLE SENSORS	SENSOR-ANT-6-4T SENSOR-ANT-6-4T-EM SENSOR-ANT-6-4T-H SENSOR-ANT-6-4T-H-EM SENSOR-ANT-7 SENSOR-ANT-3C-B1 SENSOR-819-D1/D2 SENSOR-823 SENSOR-820	SENSOR-BLE-6-4T SENSOR-BLE-7 SENSOR-BLE-7D SENSOR-BLE-819 SENSOR-BLE-619 CONTROL-BLE-5-4T WALLSWITCH-BLE-101 WALLSWITCH-BLE-204



Dimension

L - 4.84” (123mm)
W - 2.76” (70mm)
H - .80” (20.3mm) Thickness

SPECIFICATION

Carrying Case
RC-100 in Carrying Case

Commissioning Range
Up to 50FT (15mm)

Operating Temp
32F ~ 122F (0°C ~ 50°C)

Power
2 x AAA 1.5V Akaline batteries

BRIGHTNESS
Set output level (in 70%, 80%, 90%, or 100%) of connected lighting during occupancy.

SENSITIVITY
Set the sensitivity (in 20%, 50%, 75%, or 100%) of the occupancy sensor.

HOLD TIME
Set the time (in 10s, 1m, 5m, 10m, 16m, 20m, 30m, or 60m) that the fixture will hold at normal output after the space is vacant.

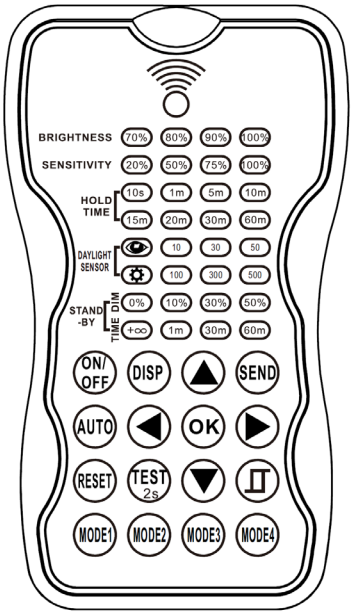
DAYLIGHT SENSOR
Set the threshold of natural light (in 10, 30, or 50) as setpoint to light on automatically for the sensor. If natural light is above the selected threshold, fixture will shut off
Set daylight (in 100, 300, 500) as setpoint to light off.

STAND-BY DIM/TIME
DIM: Set the output level (in 0%, 10%, 30%, or 50%) of the fixture during vacancy. This will only take place after Hold Time has elapsed.

TIME: Set the time (+∞, 1m, 30m, or 50m) that the sensor will remain in stand-by mode before powering down.

ON/OFF
Use this to manually power a fixture on or off.

AUTO
Press Auto to engage/unlock a sensor.
Press Auto, then press Display to show the sensors current setting parameters.



DISPLAY
Press to Display to view current setting parameters for each function. LED indicators will highlight current settings.

DIRECTIONAL ARROWS
Use the arrows to navigate the setting options by pressing up/down or left/right.

SEND
Press Send to upload displayed settings to individual sensor/fixture. The fixture will blink on and off to confirm new settings.

SMART DAYLIGHT SENSOR
Open and or close smart daylight sensor.
Press up/down arrows buttons to enter setting condition, the parameters LEDs of remote control will flash to be selected.

TEST
Used to test sensitivity of occupancy sensing.
Press Test, then the fixture will enter Test Mode, where Hold Time is only 2s.
While Test Mode is active, Stand-By and Daylight sensing will be disabled.
Press Auto to exit Test Mode.

RESET
Press Reset to put all parameters back to default settings.

MODE
Press the Mode # that you want to save.
Use Directional Arrows to select new parameters.
Press OK to confirm.

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