

CS SERIES WET LOCATION BAY LIGHT

Client:
Project:
Type:
Quantity:

CONSTRUCTION

Single piece die-cast aluminum housing, maximizes heat dissipation and life expectancy of the luminaire.

Suitable for interior/exterior, wet, high pressure washdown applications.

OPTICS

Standard clear polycarbonate lens protects LEDs against solid and liquid impact, symmetric LED board layout offers maximum uniformity illumination.

ELECTRICAL

70 CRI Lumileds LED.

-40°C up to 45°C (-40°F up to 113°F) maximum operating temperature.

Long-life 50,000 hr LED at L70.

Available with CCT / Output selectable function.

Universal Input 120-277V, 0-10V dimming, output 36V-42V, with 12V AUX output, 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.

SENSOR-BLE-6-4T "Plug-N-Play" PIR ALS Control Bluetooth/on/off/dimming.

MOUNTING

Standard Snap Hook 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

Wet location label standard.

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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ORDER INFORMATION				EXAMPLE : CSB 230 SC C BK UD		
Fixture	Series	Power & LM	CCT	Lens	Finish	Input
	CSB	230	SC	C	BK	UD
Mounting	Accessories Options					
A	SERIES					
	CSB	CS Series Wet Location Bay Light				
B	POWER & LM & CCT					
	Code	Power	LM		CCT	
	230SC	Field Selectable 92 / 138 / 184 / 230W	16,500 / 24,000 / 30,000 / 36,000LM		Field Selectable 3000 / 4000 / 5000K	
	23550	Field Selectable 94 / 141 / 188 / 235W	17,500 / 25,500 / 33,000 / 40,000LM		Static 5000K	
C	LENS					
	C	Clear Polycarbonated Lens				
D	FINISH					
	BK	Black				
E	INPUT					
	UD	120-277V, 0-10V Dimmable w/6FT 3-Conductor Lead Wire - Wet Location				
	HD	w/Step Down Transformer Assembly 480V, 0-10V Dimmable w/6FT 3-Conductor Lead Wire - Damp Location				
F	MOUNTING					
	blank	Snap Hook Mount w/Safety Cable (standard)				
	MOUNT-HB-PIPE-BK	3/4" Pipe Adapter to Pendant Mount Application				
	MOUNT-CSB-YM	Yoke Mount				
G	ACCESSORIES/OPTIONS					
	AIA	Assembled in America, compliant with BAA (COTS)				
	SENSOR-ANT-6-4T*	"Plug-N-Play" PIR on/off/dimming/photosensing				
	SENSOR-ANT-6-4T-EM*	"Plug-N-Play" PIR on/off/dimming/photosensing with EMB				
	SENSOR-BLE-6-4T*	"Plug-N-Play" Bluetooth on/off/dimming/Daylight Harvesting Sensor (ALS Control Mobile App)				
	REMOTE-RC100	Handheld Remote Commissioning Tool for SENSOR-ANT (1 per job)				
	EMB-40W**	Wet Location Self-Diagnostic Emergency Battery 40W 100-347VAC Input 170VDC Output				
	EMB-40W-500	Wet Location Self-Diagnostic Emergency Battery 40W 480VAC Input 500VDC Output for HD Input				
	EMB-H40170	Damp Location Self-Diagnostic Emergency Battery 40W 100-347VAC Input 170VDC Output HD Kit Required				
	EMB-H40500	Damp Location Self-Diagnostic Emergency Battery 40W 480VAC Input 500VDC Output for HD Input				
	-PLUG	6 Foot Cord and 3 Prong Plug				
	TWIST-LOCK	Specify Plug Type: L515P / L715P / HBL5929 / L8-20P				

*see page 7 for sensor spec

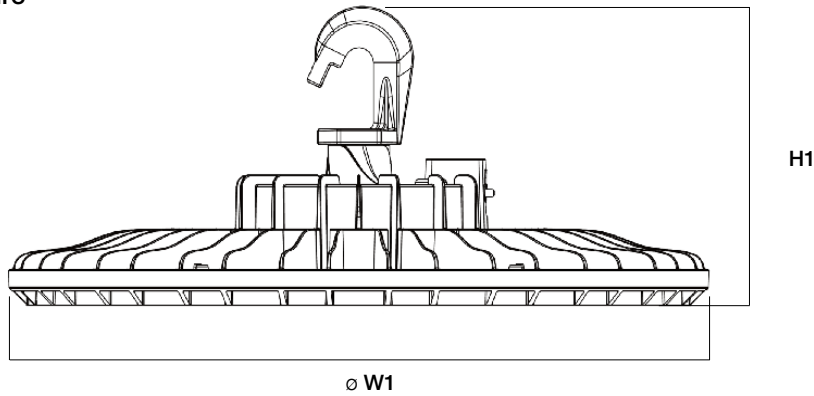
**see page 5 for emb spec

CS SERIES WET LOCATION BAY LIGHT

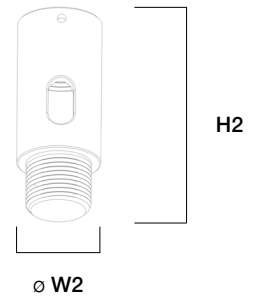
DIMENSIONS

Model	H1	H2	H3	W1	W2	W3
CSB-230 / CSB-235	7.53" (191mm)			Ø 14.13" (359mm)		
MOUNT-HB-PIPE-BK		3.15" (80mm)			Ø 1.01" (26mm)	
HD Kit			7.36" (187mm)			6.33" (161mm)

Luminaire



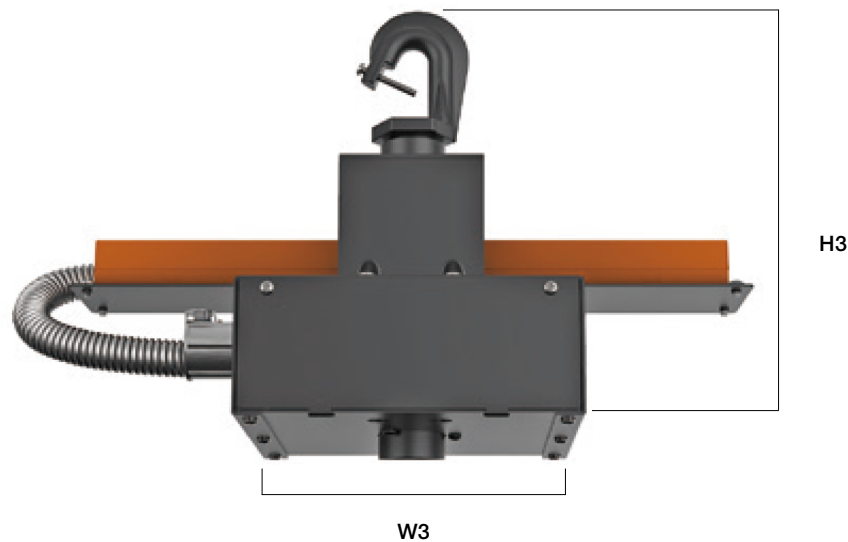
Pipe Adapter For 3/4" Pipe



HD Kit

480V Input Stepdown
 Transformer Asselbely

Also Compatible with:
 EMB-H40170
 EMB-H40500



CS SERIES WET LOCATION BAY LIGHT

PHOTOMETRIC

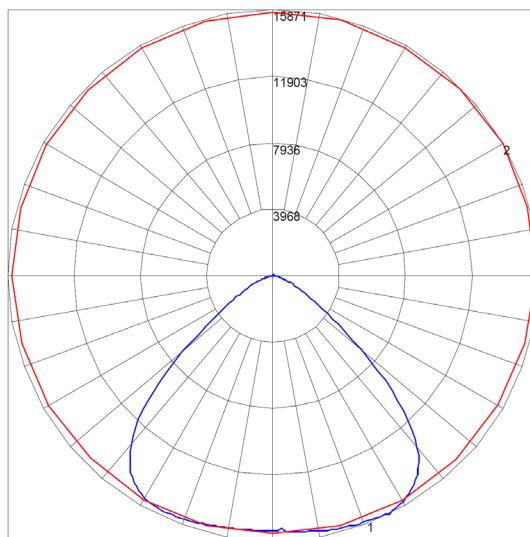
CSB-230SC

Zone	Lumen	Luminaire%
0-30	13073	36.10
0-40	22243	61.40
0-60	33989	93.90
0-90	36055	99.60
0-180	36208	100

Lumen: 36208
Input Watts: 220.1 W
Efficacy: 165 LPW

Maximum Candela = 15871.12 Located At Horizontal Angle = 30, Vertical Angle = 26
1 - Vertical Plane Through Horizontal Angles (30-210) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (26) (Through Max. Cd.)

IES: CSB-230SC @ 230W 4000K



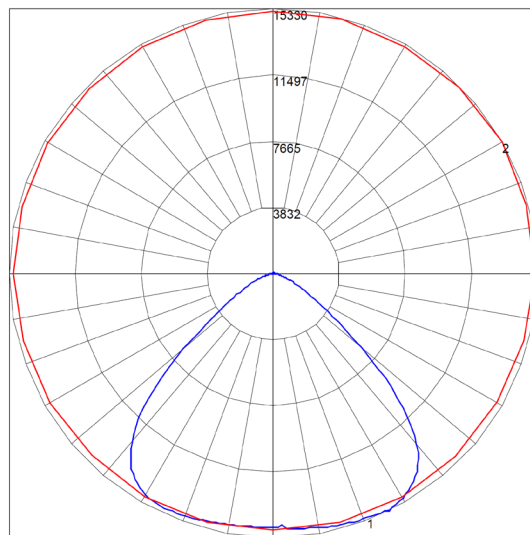
CSB-230SC

Zone	Lumen	Luminaire%
0-30	12614	36.10
0-40	21459	61.40
0-60	32819	93.80
0-90	34824	99.60
0-180	34972	100

Lumen: 34972
Input Watts: 227.69 W
Efficacy: 154 LPW

Maximum Candela = 15415.24 Located At Horizontal Angle = 0, Vertical Angle = 22
1 - Vertical Plane Through Horizontal Angles (0-180) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (26) (Through Max. Cd.)

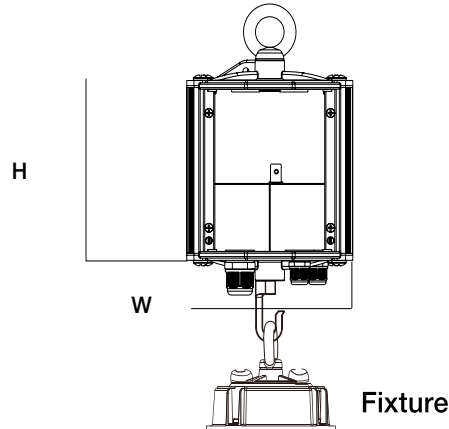
IES: CSB-230SC @ 230W 5000K



CS SERIES WET LOCATION BAY LIGHT

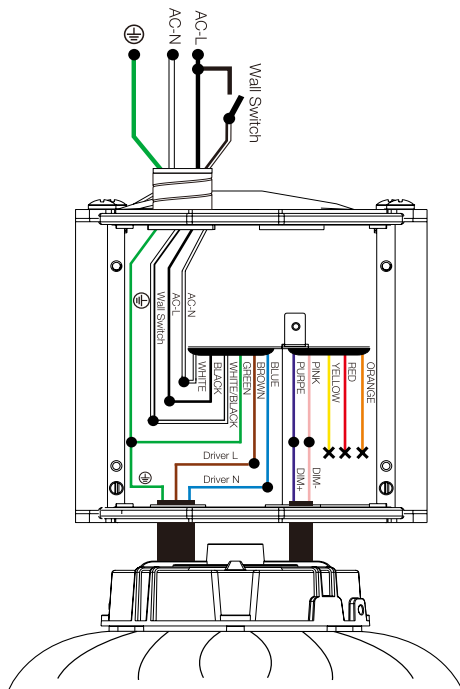
EMERGENCY BATTERY (WET LOCATION 120-277V INPUT)

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

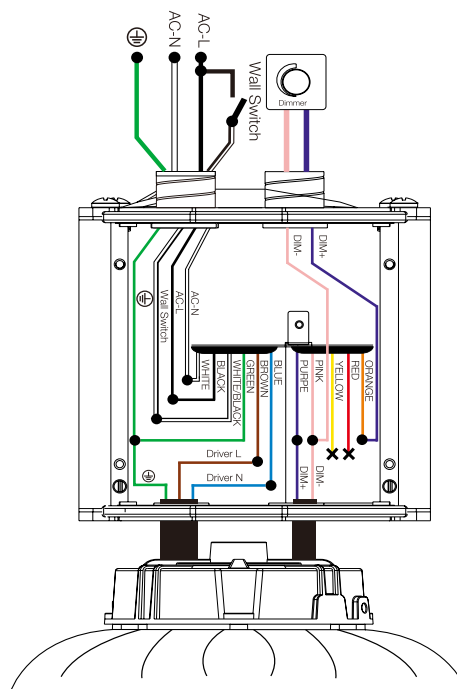


EMERGENCY BATTERY DIAGRAM

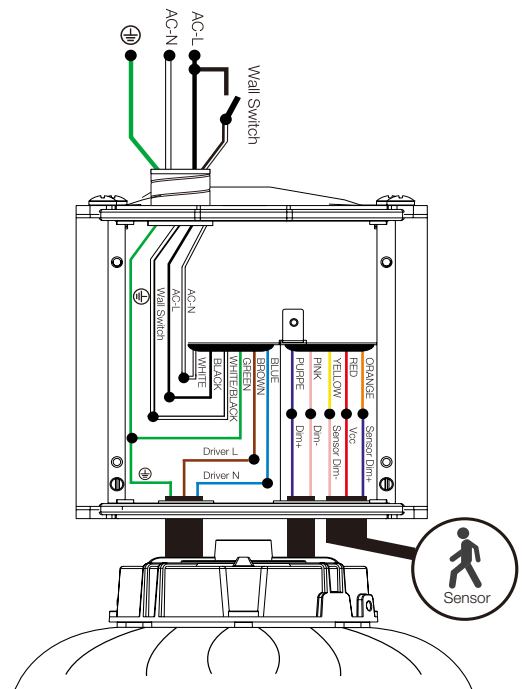
On/Off



w/0-10V
Dimmer



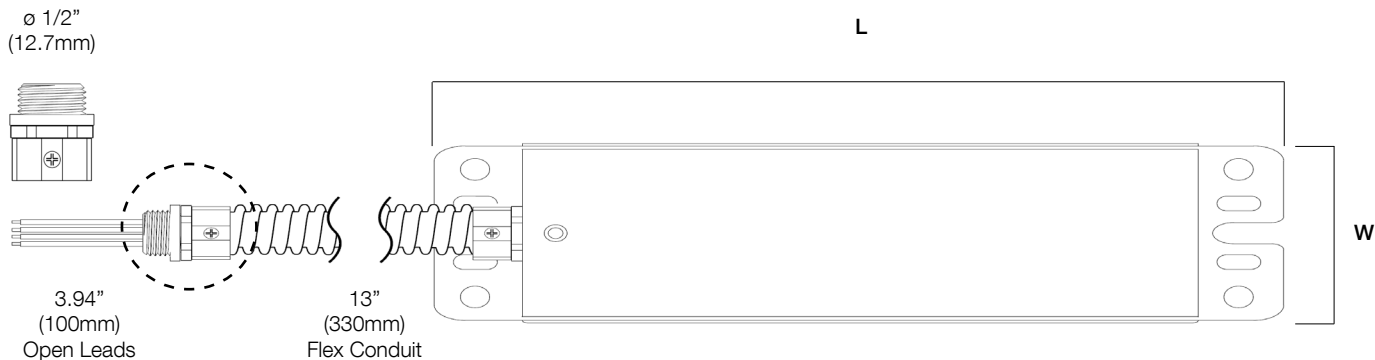
w/DC Sensor
SENSOR-ANT-6-4T



CS SERIES WET LOCATION BAY LIGHT

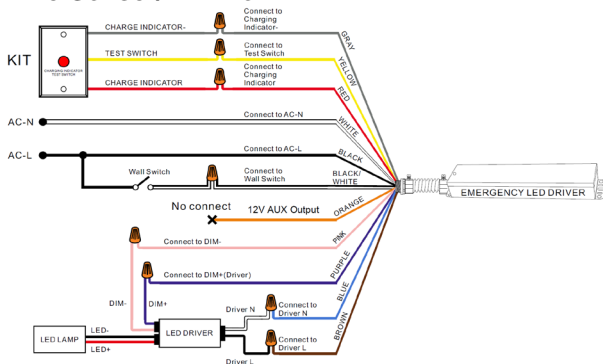
EMERGENCY BATTERY (DAMP LOCATION 120-277V / 480 INPUT)

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

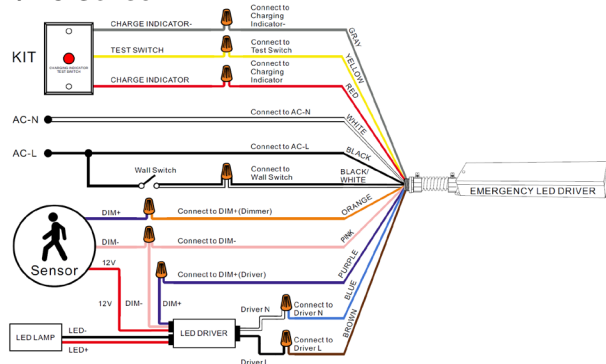


EMERGENCY BATTERY DIAGRAM

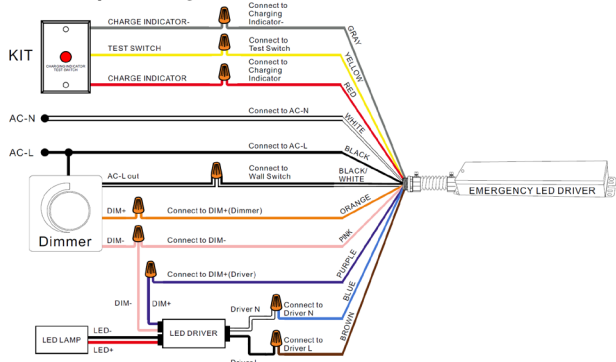
No Sensor/Dimmer



w/DC Sensor



w/Dimmer



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PERFORMANCE DATA / DLC CODE

SYSTEM WATTS	CCT	VOLTAGE	LUMEN	LPW	PART NUMBER	DLC PRODUCT ID / ORDER CODE	DLC CLASS
CSB-230 92W Selection	3000K	120-277V	15500	168	CSB-230SC-CBKUD	S-44T3KJ	Premium
	4000K	120-277V	16500	179		S-44T3KJ	Premium
	5000K	120-277V	16000	174		S-44T3KJ	Premium
CSB-230 138W Selection	3000K	120-277V	22000	159		S-44T3KJ	Premium
	4000K	120-277V	24000	174		S-44T3KJ	Premium
	5000K	120-277V	23000	167		S-44T3KJ	Premium
CSB-230 184W Selection	3000K	120-277V	28000	152		S-44T3KJ	Premium
	4000K	120-277V	30000	163		S-44T3KJ	Premium
	5000K	120-277V	29000	158		S-44T3KJ	Premium
CSB-230 230W Selection	3000K	120-277V	34000	148		S-44T3KJ	Premium
	4000K	120-277V	36000	157		S-44T3KJ	Premium
	5000K	120-277V	35000	152		S-44T3KJ	Premium
CSB-23550 235W	5000K	120-277V	40000	171	CSB-23550-CBKUD	S-3V7PGW	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 (see page 8 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
 SENSOR-ANT-6-4T-EM
 SENSOR-BLE-6-4T

FEATURE

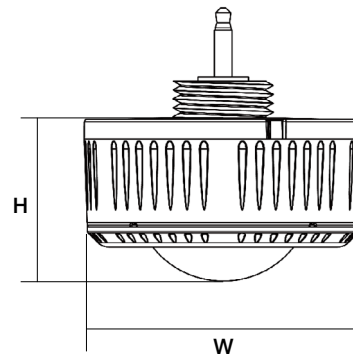
- **Installation:** Plug-N-Play via AUX socket on attached fixture
- **Commissioning:** Wirelessly through ALS Control Mobile App (iOS / Android)
- **Certification:** DLC 5.1 Networked Lighting Control System
- **Control:** Hold time, High-Low setting, continuous Bi-level dimming, Code-compliant manual-on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

