

Keilton + autani

EFS106-W Series Long Range High Mount Wet Location Sensor



EFS106-BH4-W.B1



EFS106-AUX-W.B1



EFS106-Z10-W.B1



EFS106-AUX-W.B3

Description

Keilton+autani EFS106-W series sensors are Bluetooth wireless luminaire level lighting controls (LLLC) for commercial outdoor/indoor luminaires that require a IP66/Wet Location. They are available with 3-different style sockets (BH4-W, 3.5MM AUX, Zhaga Z10).

Features

- Daylight harvesting+PIR sensing technology with AlgoH™ algorithm to maximize detection for high bays up to 40 feet without false triggers
- Photocell version available in EFS106-W.B2 (not available in white)
- Design enables color-tuning
- Multiple lens options (sold separately)
- IP66/Wet Location
- Ideal for Outdoor Use/Wet Location
- UV-Protection Nylon Housing
- Black/White Finish
- Enhanced long range antenna, Bluetooth Transmit range: 328ft max

Requirement

- Lens sold separately, requires lens such as HBL1-2-B.
- Requires Dim-to-Off LED drivers with 12V AUX output
- Requires one of the BH4W/WSC01-AUX/Zhaga receptacles

Specifications

Input Voltage	DC 12V
Input Current	50mA Max
Input Power	0.6W
Output Current	10mA Max
Output Power	0.1W
Dimming	Class 2, 0-10V DC 10mA Max
Sinking Current	10mA Max
Bluetooth Transmit	328ft Max
Radio Frequency	2.4GHz ± 75MHz
Bluetooth Version	5.0
Housing Material	UL 94-5VA Nylon
Detection Range	40-80ft
Mounting Height	20-40ft
Indoor/Outdoor Use	Outdoor Use
Operating Temperature	-30°C to 55°C, -22°F to 131°F
Storage Temperature	-30°C to 85°C, -22°F to 185°F
IP Rating	IP66/Wet Location
Color	White/Black
Warranty	5 years warranty
Compliance	UL8750, RoHS
Compliant Standard Interfaces	Zhaga book 18
Safety	cULus Listed LED Controller E504054 FCC ID: 2A26YTKTVT2022 DID: D061367 DLC: NLTRC5KL0TN

Mating Receptacle (not included in the product package)



Ordering Information - EFS106-W Series

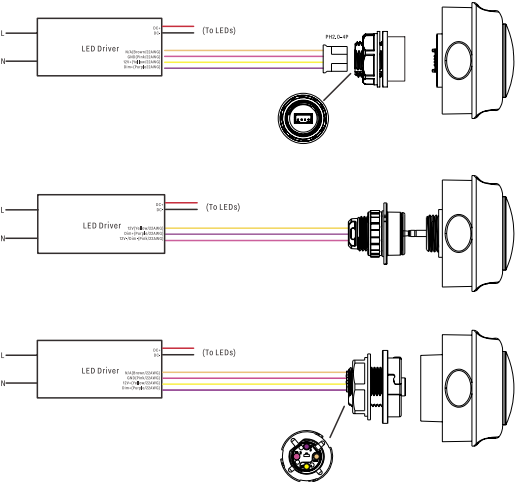
Model	BASE	Color	Photocell Type	Description
EFS106-BH4-W.B1	BH4	Black	DLH*	Plug and Play High Mount Sensor
EFS106-AUX-W.B1	AUX	Black	DLH*	
EFS106-AUX-W.B2		White	Hold On / Off**	
EFS106-AUX-W.B3		Black	DLH*	
EFS106-Z10-W.B1	Zhaga-Z10	Black	DLH*	
EFS106-Z10-W.B2		White	Hold On / Off**	

* DLH = Daylight Harvesting
** Hold On / Off – Holds light on or off depending on threshold settings, does not daylight harvest

Ordering Information - Accessories

Model	Type	Description
HBL1-2-B	Lens	80’ Diameter at 40’ Hang Height
HBL1-2-W	Lens	
HBL3-2-W	Lens	
WHBL1-2-B	Lens	
MBL1-2-W	Lens	
BH4W	Base	BH4 Mating Receptacle
WSC01-AUX	Base	AUX Mating Receptacle
Z10	Base	Zhaga Z10 Mating Receptacle

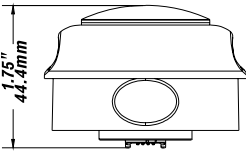
Wiring



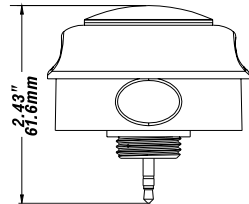
Dimensions

Unit:inch/mm

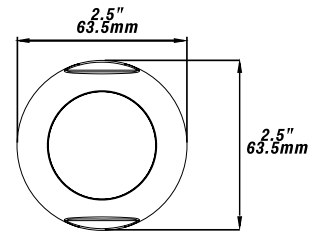
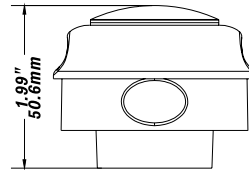
EFS106-BH4-W.B1



EFS106-AUX-W.B1/B2/B3

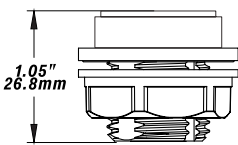


EFS106-Z10-W.B1

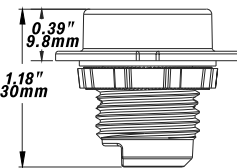


Dimensions - Accessories

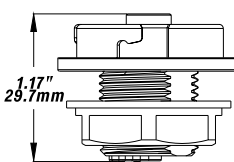
BH4W



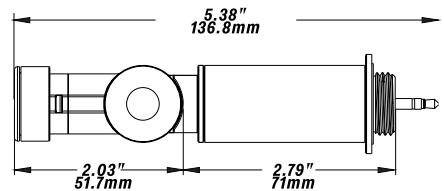
WSC01-AUX



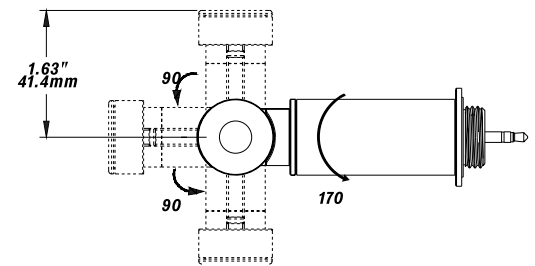
Z10



WSC03-AUX

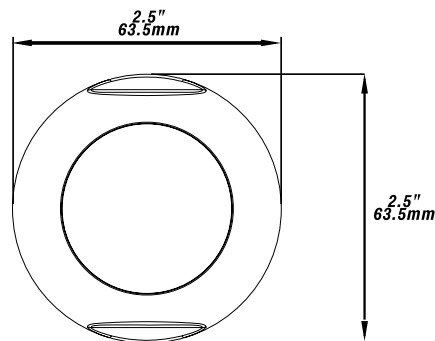
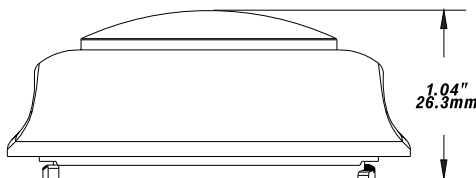


Socket Mounting Dimensions		1/2 inch US standard knockout
Size	T.P.I - inch	Major Dia. - inch
R1/2	14	0.825

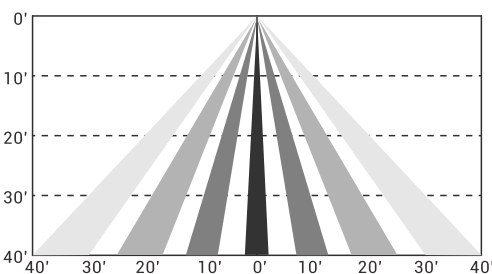


Unit:inch/mm

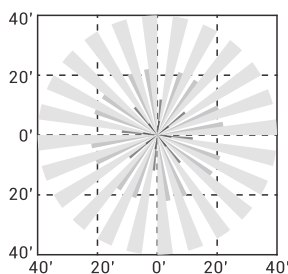
WHBL1 **Note:** SOLD Separately



Coverage Side View



Coverage Top View



Height 40ft

Transmission

Wireless Signal Strength	
Transmission Distance	RSSI(dbm)
82ft(25m)	-76
164ft(50m)	-79
246ft(75m)	-87
328ft(100m)	-90

Note: The test transmission distance of two EFS106-W

Product Label



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App Download



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