

BLUETOOTH MESH WIRELESS FIXTURE CONTROLLER—EFS104 PRO

EFS104 pro was designed for wireless smart control with integrated daylight and PIR motion sensors.

Utilizes bluetooth mesh technology for reliable and secure wireless communication.

Support OTA devices and SaaS platform for remote control.

Energy monitoring function available for some models.

Can work together with other models in bluetooth control system.

Suitable for small to medium size space such as auditoriums and warehouses.

IP66 rated for more applications.



Model Number

Model	Description
EFS104 Pro	External Bluetooth Mesh Wireless Fixture Controller
HBL1	High bay lens, Max. Mount Height 40ft, Max. coverage 80ft
HBL2	High bay lens, Max. Mount Height 40ft, Max. coverage 64ft
MBL1	Middle bay lens, Max. Mount Height 20ft, Max. coverage 50ft
MBL2	Middle bay lens, Max. Mount Height 20ft, Max. coverage 45ft

Specifications

Input Voltage	120~277V AC 50/60Hz
Maximum Load	5A, 600W Max. for LED driver only
Power Consumption	1.5W
Dimming	0-10V
Infrared sensor	Omni-directional quad element pyroelectric
Mounting height	40ft Max
Detection range	80ft Max
Op. temperature	-30°F~131°F (-30°C~55°C)
Op. humidity	IP66

Accessory

The EJ30, EJ50 and EL40 are extension joints that can be used to extend the mount sensor position for 30, 40 and 50mm. Combine the joints if longer extension is required.



EJ30



EJ50



EL40

This LENS LOUVER designs to adjust the detection range for additional requirement.



APP Download

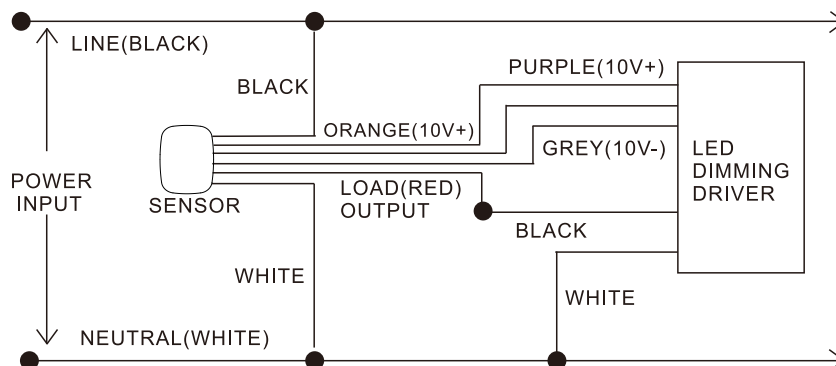


ios



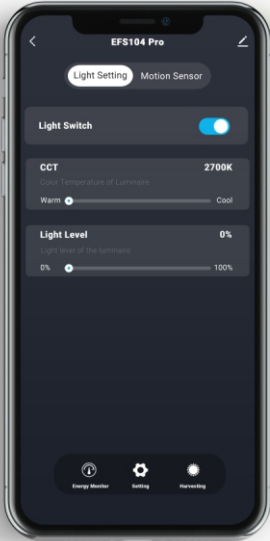
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Wiring

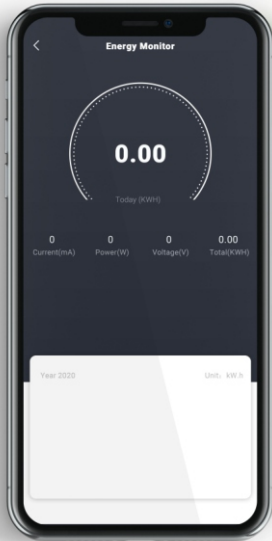


BLUETOOTH MESH WIRELESS FIXTURE CONTROLLER—EFS104 PRO

APP Setting



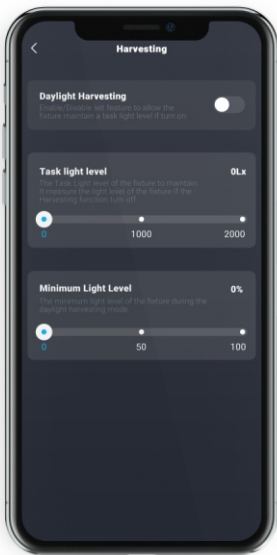
ON/OFF/CCT Tuning/Dimming



Energy Monitoring



Motion Sensor Setting



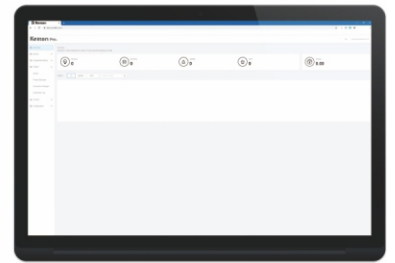
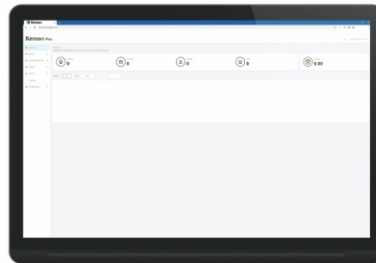
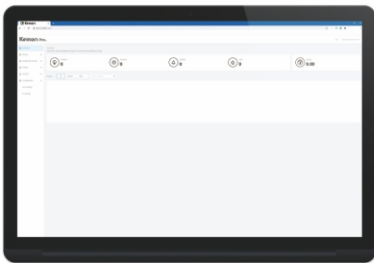
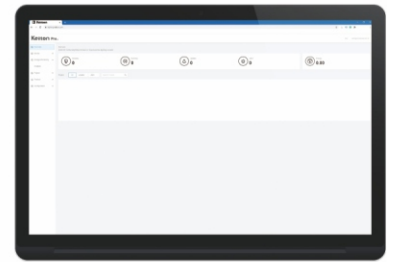
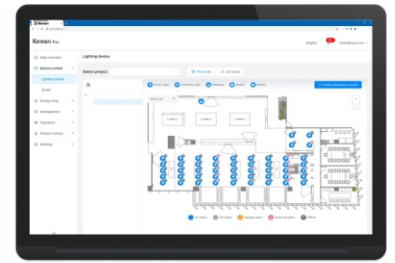
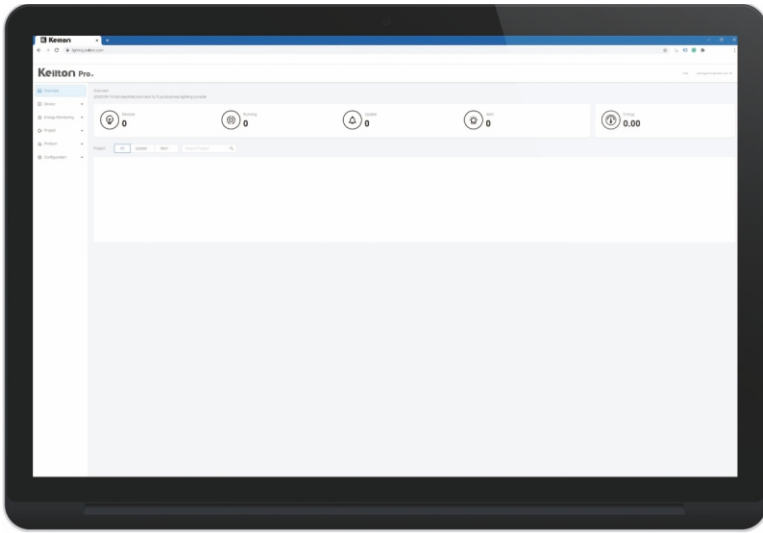
Daylight Harvesting Setting



Trim Level Setting

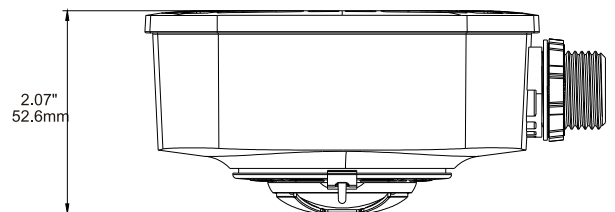
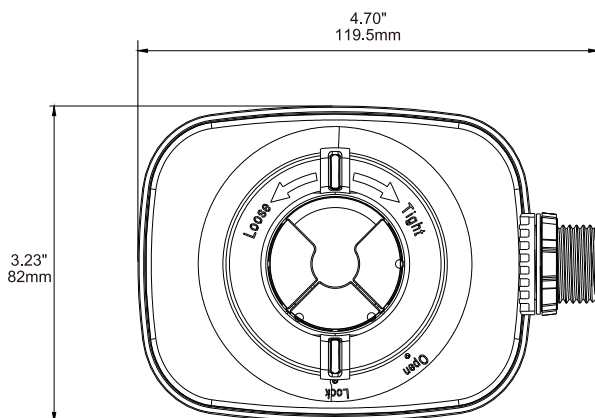
BLUETOOTH MESH WIRELESS FIXTURE CONTROLLER-EFSI04 PRO

SaaS Platform Setting



Dimensions

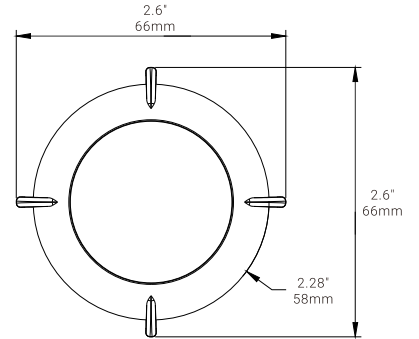
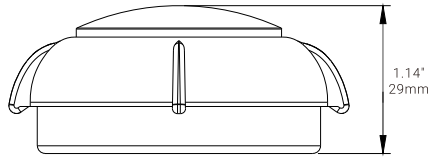
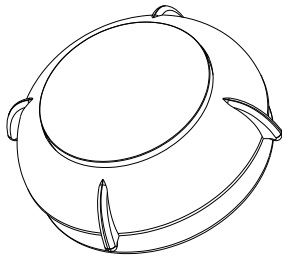
Unit:inch/mm



BLUETOOTH MESH WIRELESS FIXTURE CONTROLLER-EFSI04 PRO

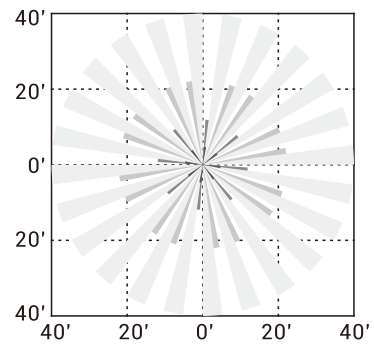
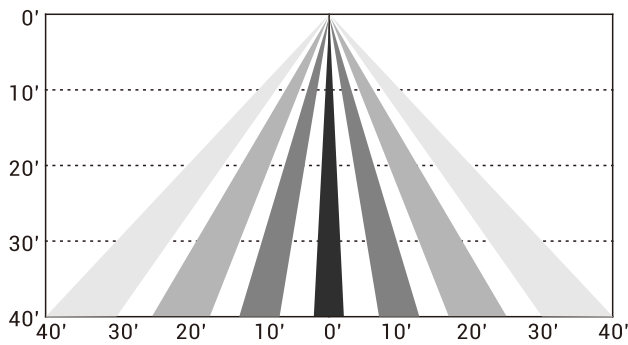
Lens Coverage

HBL1

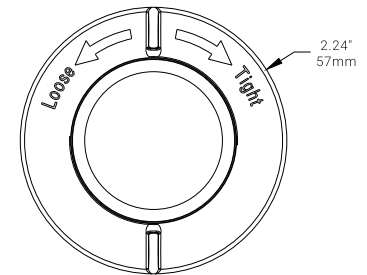
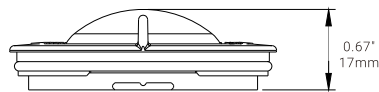
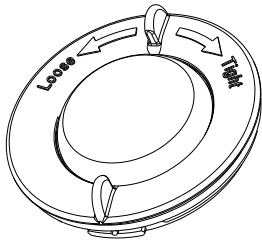


HBL1 Coverage Side View

HBL1 Coverage Top View

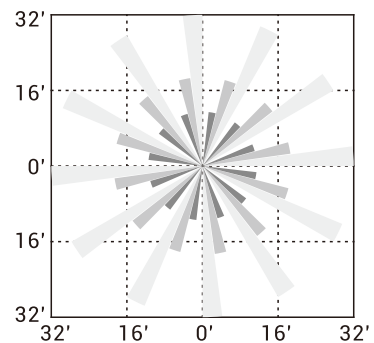
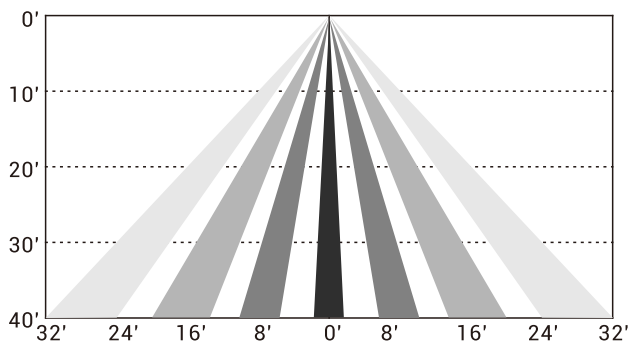


HBL2



HBL2 Coverage Side View

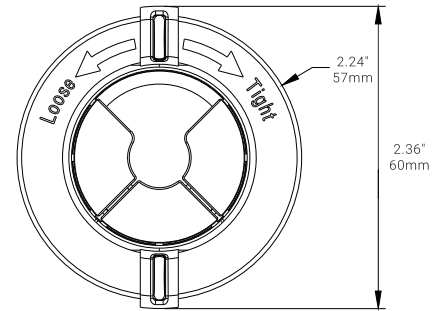
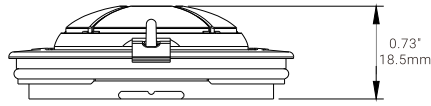
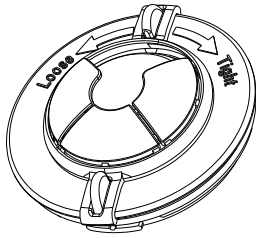
HBL2 Coverage Top View



BLUETOOTH MESH WIRELESS FIXTURE CONTROLLER-EFSI04 PRO

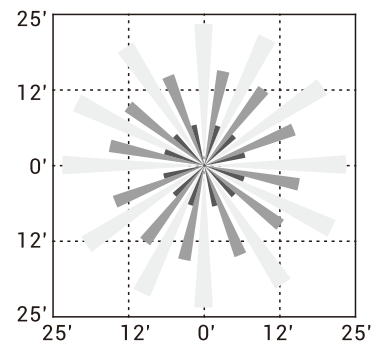
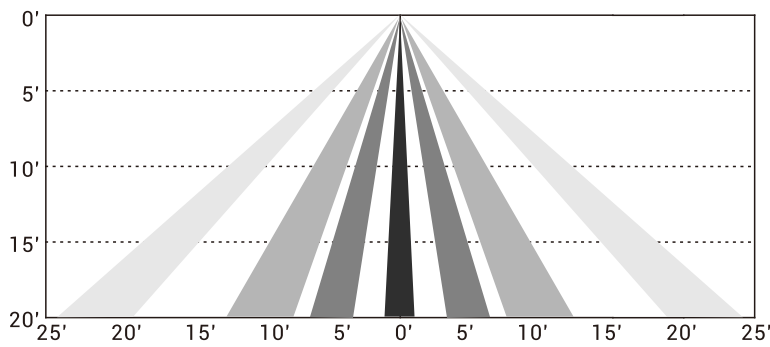
Lens Coverage

MBL1

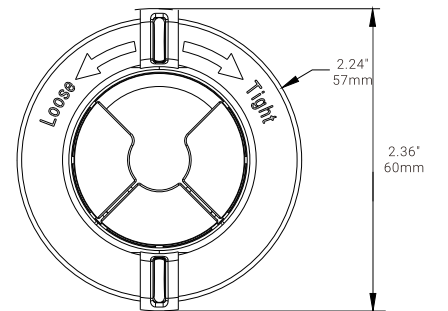
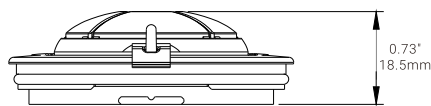
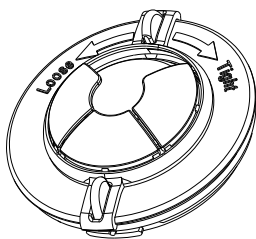


MBL1 Coverage Side View

MBL1 Coverage Top View



MBL2



MBL2 Coverage Side View

MBL2 Coverage Top View

