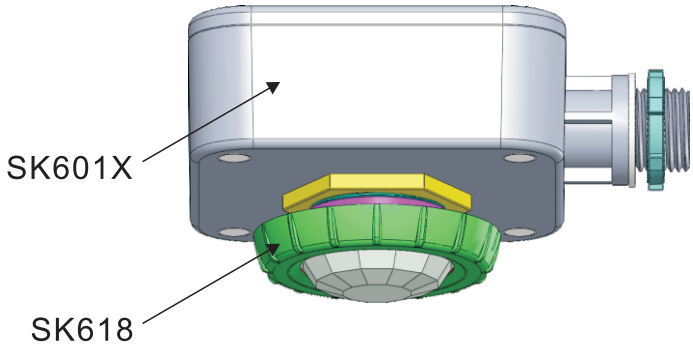
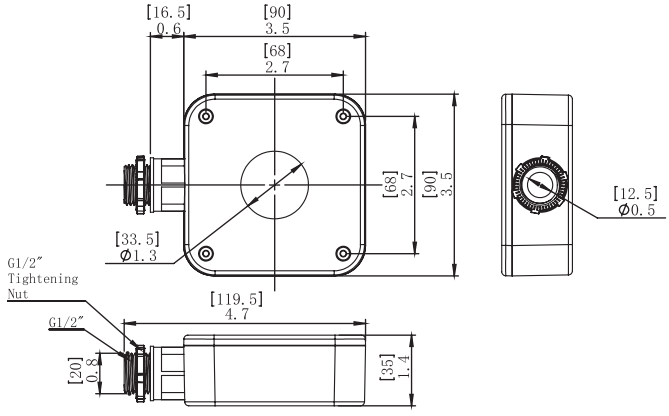
SK601X Wet Location Using Box(IP65) For SK618



PROJECT	
LOCATION/TYPE	

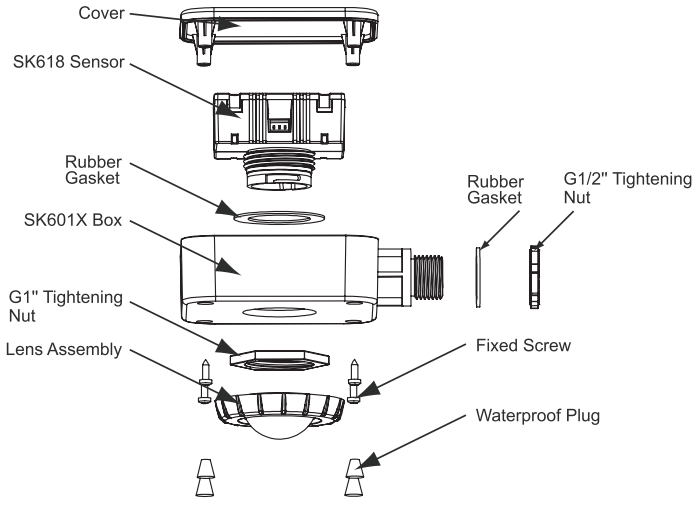
Dimensions



Unit: [mm] in

Product Overview

Mounting

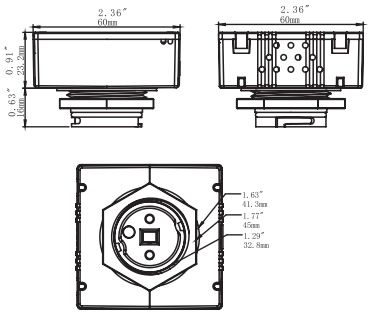


SK601X Wet Location Using Box(IP65) For SK618

■ Line Voltage Passive Infrared Fixture
Integrated Outdoor Sensor SK618 Instruction







Product brief

The SK618 mounts in an outdoor lighting fixture and provides multi-level control based on motion and/or daylight contribution. It controls 0-10 VDC LED drivers or dimming ballasts, as well as non-dimming ballasts and, with an Fresnel Lens, is rated for wet and cold locations. All control parameters are adjustable via a wireless configuration tool capable of storing and transmitting sensor profiles.

Technical parameters

120/277 VAC, 50/60Hz
800W/1200W Max Tungsten,Ballasts,LED driver
1/6HP
Detect Area: 360°, maximum coverage 60' diameter from 40' height
High mode: 0-10 V; default 10 V
Low mode: Off, 0-9.8 V; default 1 V
Operating temperature: -104-158°F (-40-70°C)
Operating Humidity: 20-90%
IP66
Five year warranty

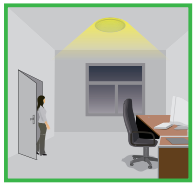
Function and options

If Sensor in outdoor mode,it is better for outdoor using,so called outdoor mode. The light will on 10-30% automatically if the abmient light level below the lux set point. and the light will off automatically if the ambient light level high than 600Lux,even with presence detected.

OUTDOOR MODE(AUTO+TEST)



If with insufficient natural light the light automatically dims to 0,10% 20% 30%.



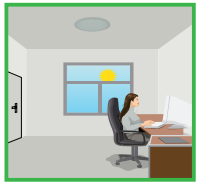
With insufficient ambient light, the sensor switches 100% on the light automatically when person enters the room.



People left, light dims to 0/ 10% /20%/30% (options)standby level after the hold time.



People left,light still dims to 0/ 10%/20%/30% if with insufficient ambient light.



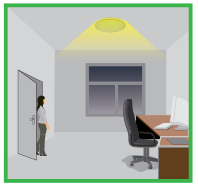
Light will switch off automatically even with presence detected,if the ambient light is sufficient.

■ Line Voltage Passive Infrared Fixture
Integrated Outdoor Sensor SK618 Instruction

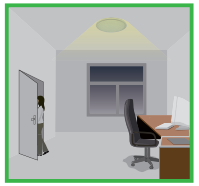
INDOOR MODE



If with insufficient natural light, the light does not automatically dim to 0,10% 20% 30%.



With insufficient natural light, the sensor switches 100% on the light automatically when person enters the room.



People left,light still dims to 0/ 10%/20%/30% if with insufficient natural light.

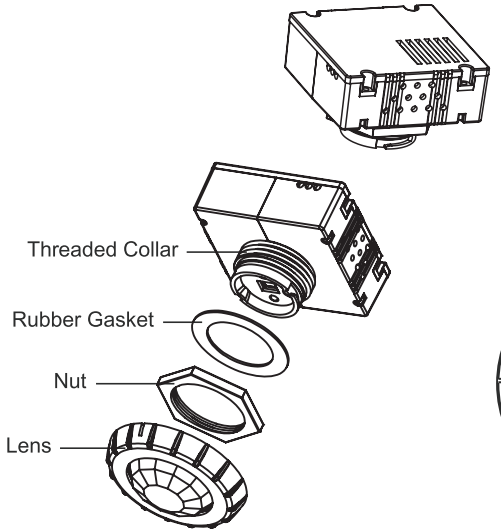


If with insufficient natural light switches off automatically after Semi bright brightness time standby period elapsed.

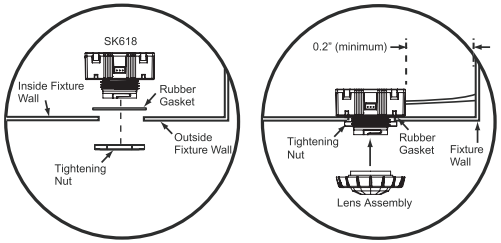
Difference

In outdoor mode:the light will on 10-30% automatically when amibent light level below the lux setpoint,even if even with presence is not detected. In Indoor mode:the light will not on automatically when amibent light level below the lux setpoint.

Sensor module

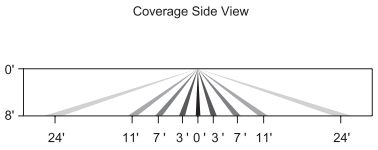


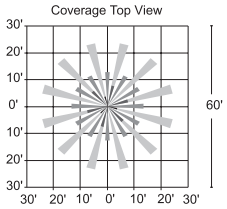
Mounting

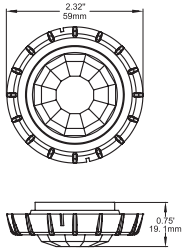


Coverage Patterns

LW1

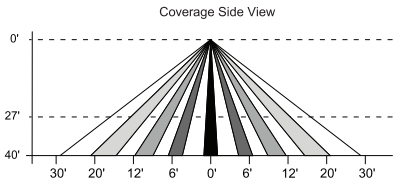


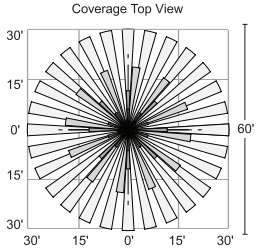


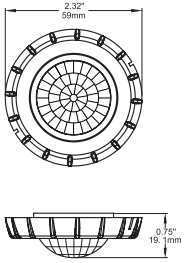


LW1: 360° Coverage

LS2

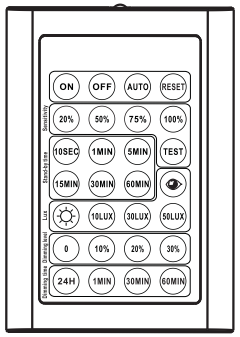






LS2: 360° Coverage

Program functions



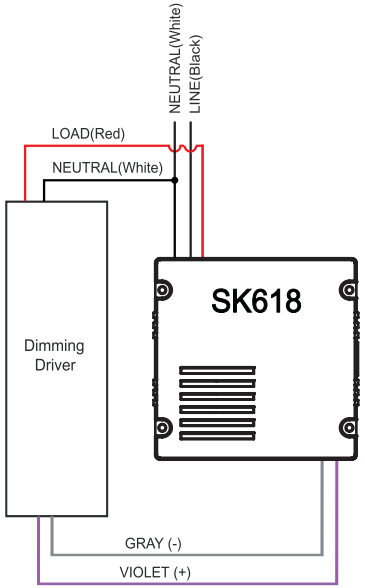
ON / OFF	Press the on/off button,the light goes to on/off if presence detected. The light back to auto mode if presence is not detected within 20mins.if press on+24H or off+24h,the light goes to permanent on or permanent off.	TEST	This button test 2s is for testing prupose only.the sensor goes to test mode(hold time 2s) automatically after commissioning, meanwhile the stand-by period and daylight sensor are diabled.
AUTO	sensor starts to work automatically before you push ON button and auto button auto mode default is: 100% 5MIN 50LUX 30% 24H	RESET	One touch button, the default is 100% 5MIN ☼ 20% 60MIN
20% 50% 75% 100%	Sensitivity	10SEC 10MIN 20MIN 30MIN	Hold-time
◉	Press this button,the latest surounding lux value overwrites previous lux value learned,and is set as the daylight threshold. This feture enables the fixture to function well in any real application circumstance.	☼ 10 Lux 30 Lux 50 Lux	Press the buttons of the daylight sensor to set daylight threshold at 10lux/30lux/50lux/☼(for daylight sensor disabled).
0 10% 20% 30%	Stand-by dimming level	24H 1MIN 30MIN 60MIN	Stand-by period(note:24H is never off)

■ Line Voltage Passive Infrared Fixture
Integrated Outdoor Sensor SK618 Instruction

Wiring Diagrams

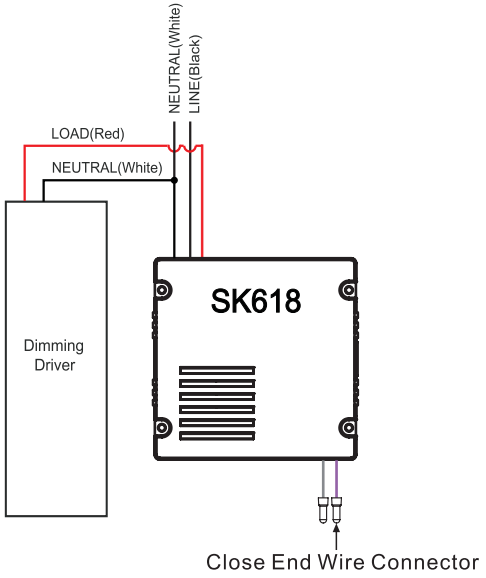
SK618 wiring with dimming ballast or LED driver.

Dimming Driver

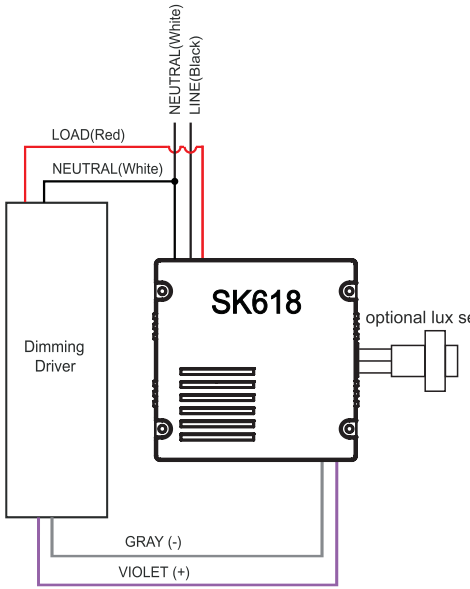


SK618 wiring with non-dimming ballast or LED driver.

Non-Dimming Driver



Dimming Driver(optional lux sensor)



Non-Dimming Driver(optional lux sensor)

