KEYSTONE

SINCE 1945

LIGHT MADE EASY®

XFiT

KTS-PIR3-12V-PKO /X

LED PASSIVE INFRARED (PIR) OCCUPANCY/DAYLIGHT SENSOR

DESCRIPTION

PIR Occupancy/Daylight Sensor **I** Pre-wired for Quick
Installation **I** Performance Parameters Set by Remote
Control (sold separately)

INPUT VOLTAGE: 12Vdc ± 2Vdc	
OUTPUT VOLTAGE: 0–10Vdc	
TRANSMIT POWER: < 0.5mW max.	

c UL us LISTED

5 YEAR WARRANTY

NLB NATIONAL LIGHTING BUREAU TRUSTED WARRANTY

PRODUCT FEATURES

- Partial discharge (PD) dual-technology differentiates artificial light brightness from natural light and automatically turns off light when ambient brightness exceeds preset lux level
- PIR sensing technology detects motion in the coverage area and automatically turns off light when motion is no longer detected
- Pre-wired for quick installation
- Powered by Keystone 0–10V dimming LED driver
- Adjustable performance parameters set by Keystone remote control (sold separately)
- Ambient operating temperature: –30ºC/–22ºF to 60ºC/140ºF

PERFORMANCE SPECIFICATIONS

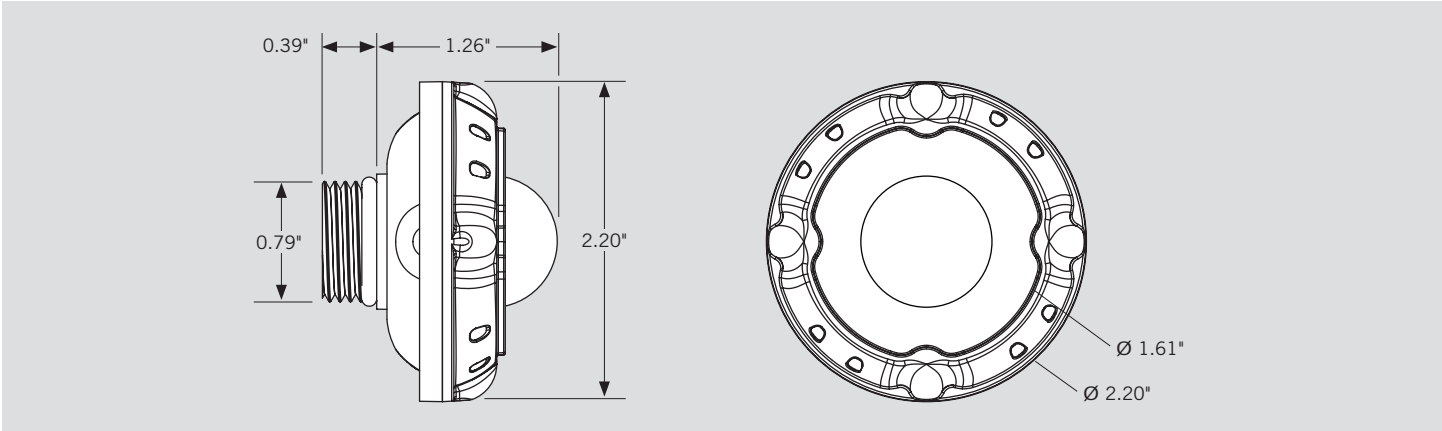| Input Voltage	Input Current	Output Voltage	Stand-By Power	Max Mounting Height	Detection Angle	Detection Range	Adjustable Settings				
							Brightness	Hold Time	Daylight Threshold	Stand-By Time	Stand-By Dim Level
12Vdc	30mA	0–10V	<0.5W	19.69 ft (ceiling mount)	30º–120º	Ceiling mount: ø 26.25 ft max Wall mount: 19.69 ft max	70% 80% 90% 100%	10 sec 1 min 10 min 30 min	10 Lux 30 Lux 50 Lux 100 Lux Disable	1 min 30 min 60 min ∞	10% 20% 30% 50%

FACTORY PRESETS

Catalog Number	Brightness	Hold Time	Daylight Threshold	Stand-By Time	Stand-By Dim Level
KTS-PIR3-12V-PKO /A	100%	1 min	Disable	3 min	30%
KTS-PIR3-12V-PKO /B	100%	5 min	Disable	10 min	10%

KTS-PIR3-12V-PKO /X
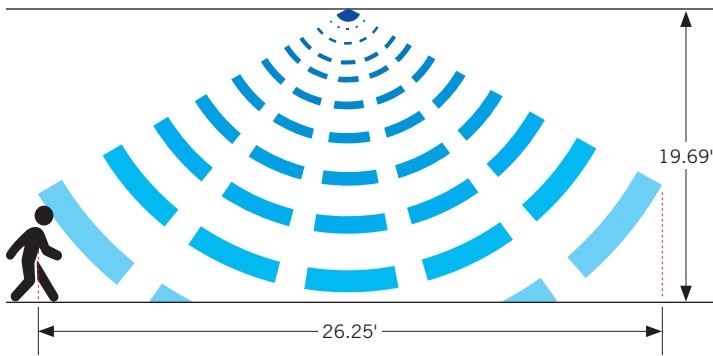## LED PASSIVE INFRARED (PIR) OCCUPANCY/DAYLIGHT SENSOR
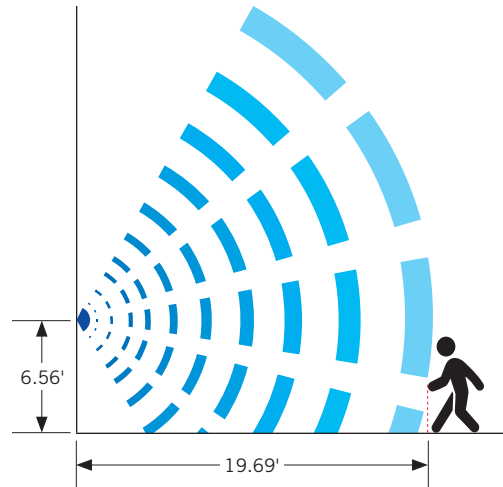
PHYSICAL SPECIFICATIONS

0.39" 1.26" 0.79" 2.20" Ø 1.61" Ø 2.20"

DETECTION COVERAGE

CEILING MOUNT (Side View)

Detection angle: 30º–120º
Detection range: Ø 26.25' max.
Mounting height: 19.69'max.

19.69'

26.25'

WALL MOUNT (Side View)

Detection angle: 30º–120º
Detection range: 19.69' max.

6.56'

19.69'

KTS-PIR3-12V-PKO /X
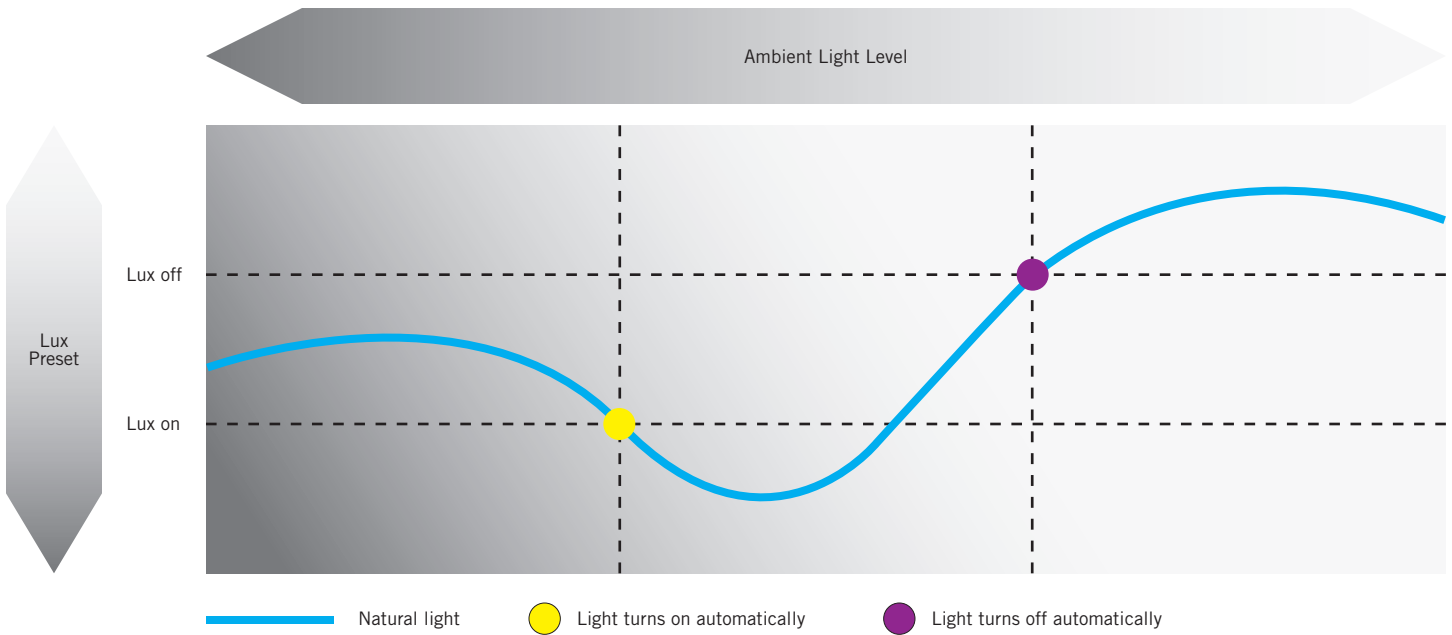## LED PASSIVE INFRARED (PIR) OCCUPANCY/DAYLIGHT SENSOR

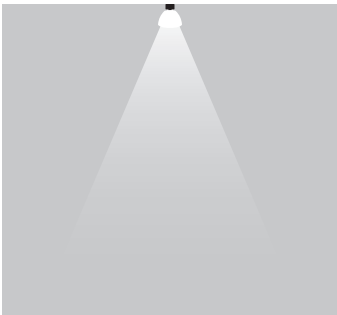## LUX ON/OFF SETTING

FUNCTION

Partial discharge (PD) dual-technology differentiates artificial light brightness from natural light and automatically turns off light when ambient brightness exceeds preset lux level.

Lux-Off function preconditions:
- Stand-by period setting: ∞
- Stand-by dimming level setting: 10%, 20%, 30%, or 50%
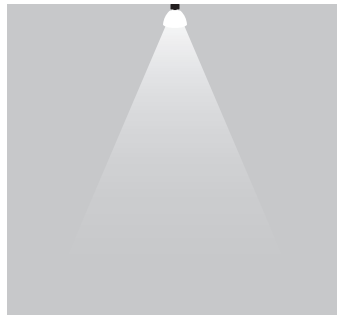- Daylight threshold setting: 10 Lux, 30 Lux, 50 Lux, or 100 Lux

Ambient Light Level

Lux off

Lux Preset

Lux on

—— Natural light   ● Light turns on automatically   ● Light turns off automatically
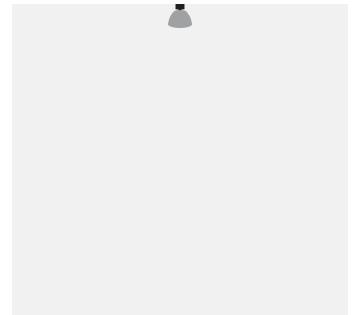
APPLICATION

When ambient light is lower than preset lux level, lighting will turn on and remain at preset stand-by dimming level.

With insufficient ambient light, when motion is detected, lighting will turn on and remain at preset brightness level until motion is no longer detected for duration of preset hold time.

If no further motion is detected after duration of hold time, lighting will dim and remain at preset brightness level for duration of standby time or until ambient light level exceeds preset lux level.
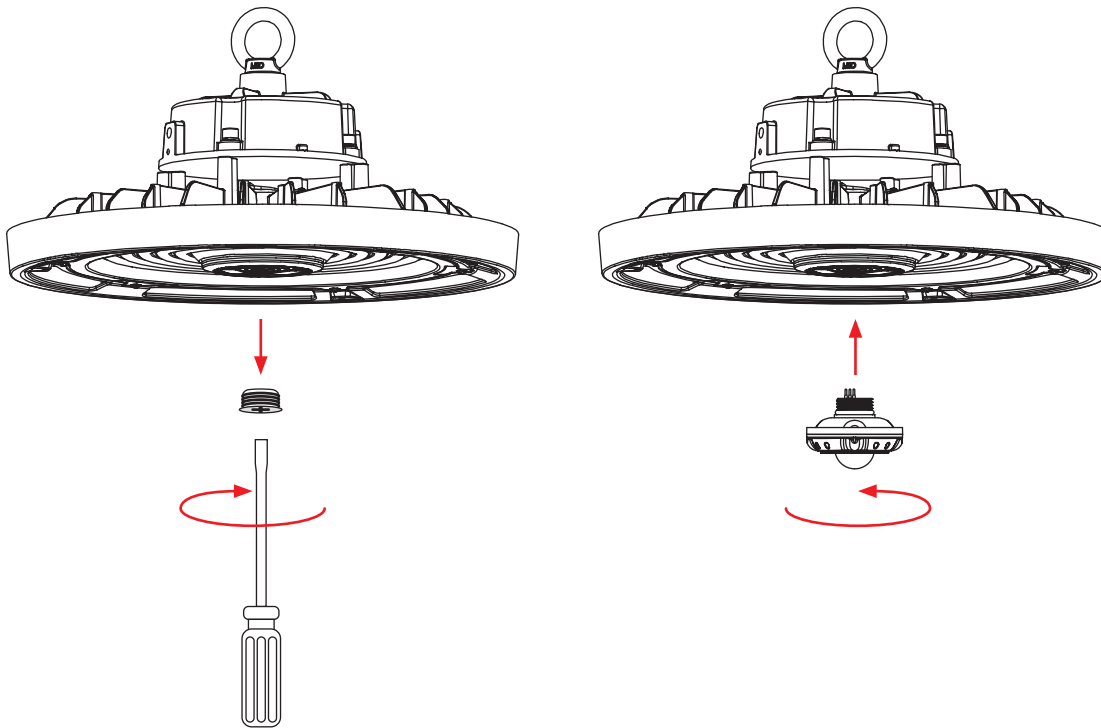
When ambient light reaches preset lux level, lighting will turn of and remain off until ambient light level falls below preset lux level.

Keystone Technologies • Philadelphia, PA • Phone (800) 464-2680 • **www.keystonetech.com**

Specifications subject to change. Last revised on 03.02.21

KTS-PIR3-12V-PKO /X
LED PASSIVE INFRARED (PIR) OCCUPANCY/DAYLIGHT SENSOR

INSTALLATION

1. Ensure power is off to the fixture.
2. Remove 1/2" knock-out (KO) plug.
3. Screw in sensor head.

   (see illustrations below)

4. Re-connect power when ready.
5. Program desired settings as needed with Keystone Remote Control.

ACCESSORY (SOLD SEPARATELY)

REMOTE CONTROL

Catalog Number	Description	UPC	Easy Code
KTS-MW3-REMOTECONTROL	Remote Control for KTS-PIR3-12V-PKO /X Sensors, Sets/adjusts all sensor performance parameters	843654132020	XSR-61

KEYSTONE
SINCE 1945
LIGHT MADE EASY

XFIT

KTS-PIR3-12V-PKO /X
LED PASSIVE INFRARED (PIR) OCCUPANCY/DAYLIGHT SENSOR

ORDERING INFORMATION

ORDER CODE	PACK QTY.	UPC	Easy Code
KTS-PIR3-12V-PKO /A	1	843654133638	RXQ-30
KTS-PIR3-12V-PKO /B	1	843654133645	LEF-34

CATALOG NUMBER BREAKDOWN

KTS-PIR3-12V-PKO /X
1   2   3   4   5   6

1 **Keystone Technologies Sensor**
2 **Passive Infrared Sensor Form Factor**
3 **Input Voltage—12V**
4 **Pin Connection**
5 **Knock Out**
6 **Preset Configuration Style**

6 **Preset Configuration Style**

/A	Factory Preset A
/B	Factory Preset B