KT-SFLED20PS-D1-8CSB-XXX-X

DUAL HEAD SECURITY LIGHT

DESCRIPTION

LED Dual Head Security Light with optional PIR Motion Sensor
Power Select 20/15/10W | Color Select 3000/4000/5000K | IP65 rated
120-277V Input | Frosted Lens

APPLICATION

Wall mount for outdoor use in residential, multifamily, and commercial exterior applications.

5 YEAR WARRANTY

PRODUCT FEATURES

- Keystone Power Select technology (see Performance Specifications for details)
- Keystone Color Select technology (3000/4000/5000K)
- Optional PIR sensor with 180° detection range and photocell capabilities
- Dual adjustable heads (up and down or side to side) and 110° beam angle
- Driver with 2kV surge protection
- Suitable for wall mounting only
- Suitable for wet locations, IP65 rated
- Ambient operating temperature: -40°C/-40°F - 45°C/113°F
- LED chip lifetime: L70 > 100,000hrs @ 25°C/77°F ambient fixture temperature
- ETL Listed Luminaire, complies with UL 1598 and CAN/CSA-C22.2 No. 250.0 standards
- Meets FCC Part 15B Class B standards for conducted and radiated emissions

PERFORMANCE SPECIFICATIONS DETAILED

Catalog Number	Selectable Wattage	Selectable CCT	Lumens	Efficacy	Input Voltage	CRI	Sensor Included	Housing Color
KT-SFLED20PS-D1-8CSB-PIR KT-SFLED20PS-D1-8CSB-PIR-B KT-SFLED20PS-D1-8CSB-PIR-W	20W	3000K	2,350	118 lm/W	120-277V	> 80	PIR	Bronze, Black, or White Options Available
		4000K	2,470	124 lm/W				
		5000K	2,480	124 lm/W				
	15W	3000K	1,840	123 lm/W				
		4000K	1,910	127 lm/W				
		5000K	1,930	129 lm/W				
	10W	3000K	1,250	125 lm/W				
		4000K	1,280	128 lm/W				
		5000K	1,310	131 lm/W				
KT-SFLED20PS-D1-8CSB KT-SFLED20PS-D1-8CSB-B KT-SFLED20PS-D1-8CSB-W	20W	3000K	2,350	118 lm/W	120-277V	> 80	No	Bronze, Black, or White Options Available
		4000K	2,470	124 lm/W				
		5000K	2,480	124 lm/W				
	15W	3000K	1,840	123 lm/W				
		4000K	1,910	127 lm/W				
		5000K	1,930	129 lm/W				
	10W	3000K	1,250	125 lm/W				
		4000K	1,280	128 lm/W				
		5000K	1,310	131 lm/W				

* Power Select: Preset to (20W)
* Color Select: Preset to (5000K)
* Color Uniformity: CCT (Correlated Color Temperature) range as per guidelines outlined in ANSI C78.377-2017.

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PRODUCT IMAGES

KT-SFLED20PS-D1-8CSB-PIR

KT-SFLED20PS-D1-8CSB-PIR-B

KT-SFLED20PS-D1-8CSB-PIR-W

KT-SFLED20PS-D1-8CSB

KT-SFLED20PS-D1-8CSB-B

KT-SFLED20PS-D1-8CSB-W

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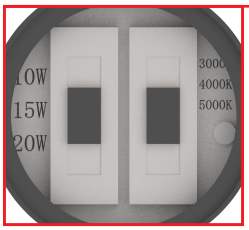
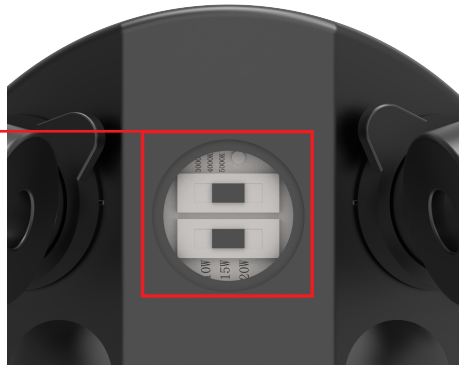
KEY FEATURES

This fixture is equipped with field-adjustable Keystone Power Select and Color Select technology.

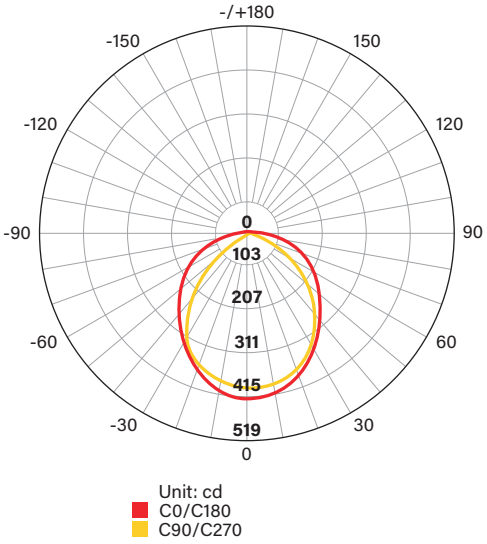
1. Ensure power is off to the fixture.
2. Unscrew the KO found on the front side of the fixture, and adjust settings accordingly.
3. Re-attach KO and apply power.



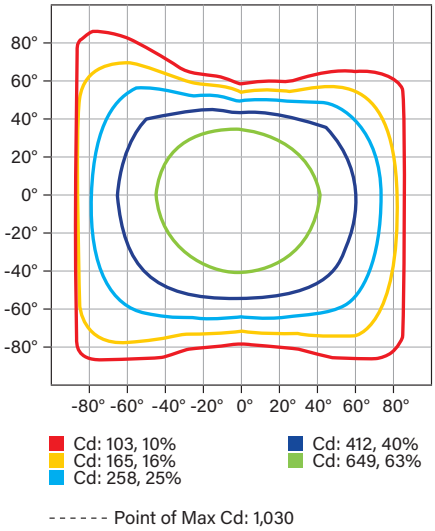


PHOTOMETRIC SPECIFICATIONS (KT-CLEDXXPS-S2-OSH-8CSB-VDIM)

POLAR CANDELA DISTRIBUTION

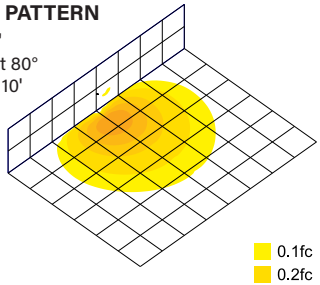


ISOCANDELA PLOT

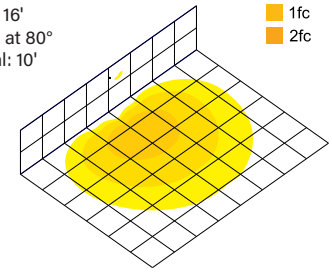


DISTRIBUTION PATTERN

Mounting height 8'
Luminaire aimed at 80°
Grid lines interval: 10'



Mounting height 16'
Luminaire aimed at 80°
Grid lines interval: 10'



0.1fc
0.2fc
0.5fc
1fc
2fc

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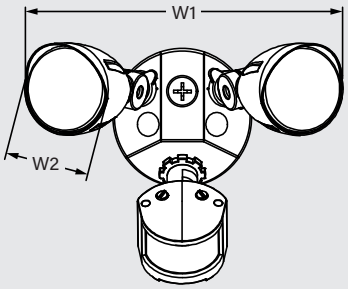
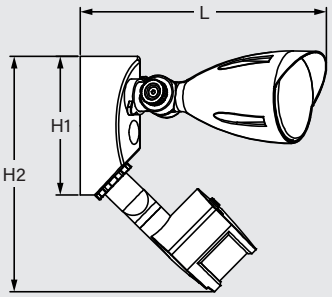
DUAL HEAD SECURITY LIGHT

PHYSICAL SPECIFICATIONS

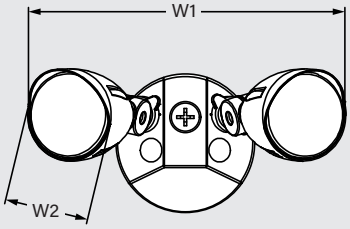
KT-SFLED20PS-D1-8CSB-PIR

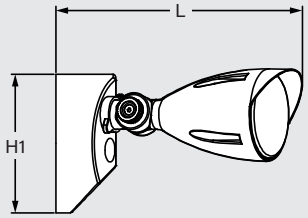




KT-SFLED20PS-D1-8CSB-PIR KT-SFLED20PS-D1-8CSB-PIR-B KT-SFLED20PS-D1-8CSB-PIR-W	
L (Length)	7.36"
H1 (Height 1)	Ø4.13"
H2 (Height 2)	7.01"
W1 (Width 1)	9.45"
W2 (Width 2)	2.76"

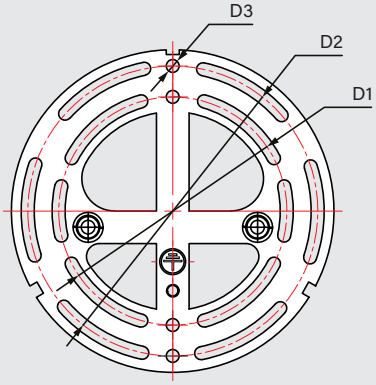
KT-SFLED20PS-D1-8CSB





KT-SFLED20PS-D1-8CSB KT-SFLED20PS-D1-8CSB-B KT-SFLED20PS-D1-8CSB-W	
L (Length)	7.36"
H1 (Height 1)	Ø4.13"
W1 (Width 1)	9.45"
W2 (Width 2)	2.76"

MOUNTING BRACKET



MOUNTING BRACKET	
D1 (Diameter 1)	Ø2.76"
D2 (Diameter 2)	Ø3.50"
D3 (Diameter 3)	Ø0.16"

WEIGHT

Catalog Number	Fixture Weight	Master Carton Weight
KT-SFLED20PS-D1-8CSB-PIR KT-SFLED20PS-D1-8CSB-PIR-B KT-SFLED20PS-D1-8CSB-PIR-W	1.98 lbs	11.57 lbs
KT-SFLED20PS-D1-8CSB KT-SFLED20PS-D1-8CSB-B KT-SFLED20PS-D1-8CSB-W	1.76 lbs	10.47 lbs

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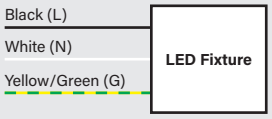
WIRING SPECIFICATIONS



ACCESSORIES

EMERGENCY BACKUPS

Factory-Installable OR Field-Installable (field-installable purchased separately)

✓	Suffix*	Catalog number	Description	UPC	Easy Code
	-	KT-EMRG-LED-5-500-AC	LED Emergency Backup, 5W - 500 Lumen Constant Power Design. 120-277V Input. Installs on Primary Side of AC Powered LED load. Optimized for Type B Single Ended LED Tubes. Includes Instruction Sheets & Test Switch. Individually Packaged.	890949018613	DRP-11

5W, 500 lumen Battery Backup
KT-EMRG-LED-5-500-AC

Note: Only compatible with KT-SFLED20PS-D1-8CSB, KT-SFLED20PS-D1-8CSB-B, and KT-SFLED20PS-D1-8CSB-W.

KT-SFLED20PS-D1-8CSB-XXX-X

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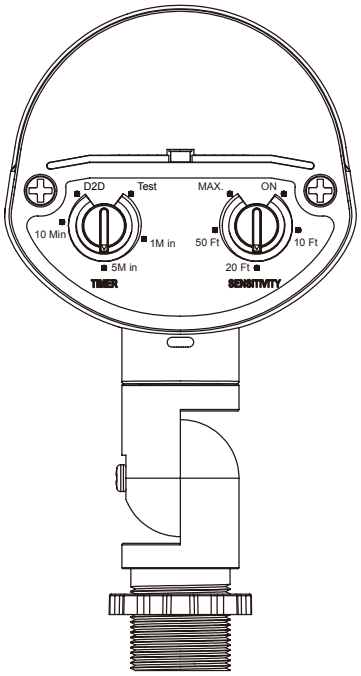
MOTION SENSOR SETTINGS

Fixtures enabled with PIR sensor technology detect heat sources within their coverage area (see below chart for details) and stay on as long as motion is detected. LED indicator inside the sensor housing will flash for 1 second after motion is detected. Settings can be adjusted according to site needs.



TIMER DIAL

D2D: Overrides the PIR sensor. Fixture will turn on at dusk and turn off at dawn automatically.

10 Min: After the sensor stops detecting motion, the fixture will remain on for 10 minutes.

5 Min: After the sensor stops detecting motion, the fixture will remain on for 5 minutes.

1 Min: After the sensor stops detecting motion, the fixture will remain on for 1 minute.

Test: Used for testing. After detecting motion directly in front of the sensor, the fixture will remain on for 30 seconds.

SENSITIVITY DIAL

On: Overrides the PIR sensor. Fixture will stay on continuously.

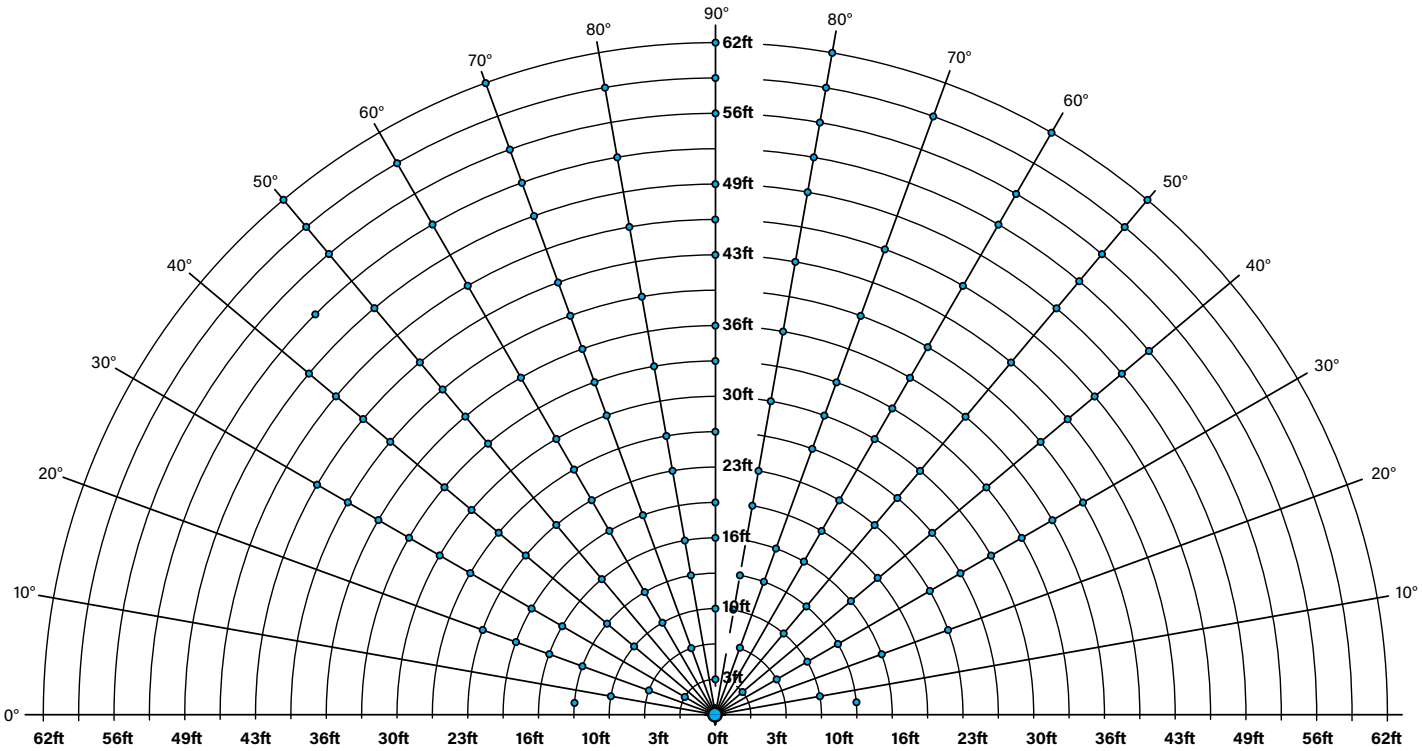
10 ft: PIR sensor will detect motion within 10 ft.

20 ft: PIR sensor will detect motion within 20 ft.

50f ft: PIR sensor will detect motion within 50 ft.

Max: PIR sensor will detect motion within 62 ft.

SENSOR DETECTION RANGE



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ORDERING INFORMATION

Catalog Number	Carton QTY	UPC	Easy Code
KT-SFLED20PS-D1-8CSB-PIR	5 pcs	843654181714	HWT-31
KT-SFLED20PS-D1-8CSB-PIR-B	5 pcs	843654181721	WOH-96
KT-SFLED20PS-D1-8CSB-PIR-W	5 pcs	843654181738	TXB-84
KT-SFLED20PS-D1-8CSB	5 pcs	843654181745	GGJ-64
KT-SFLED20PS-D1-8CSB-B	5 pcs	843654181752	PNK-92
KT-SFLED20PS-D1-8CSB-W	5 pcs	843654181769	ZAT-35

CATALOG NUMBER BREAKDOWN

KT-SFLED20PS-D1-8CSB-XXX-X

1 2 3 4 5 6 7 8 9 10 11

1 **Keystone Technologies**
2 **Security Light LED Fixture**
3 **Max Wattage**
4 **Power Select**
5 **Dual Head**
6 **Style 1**
7 **80 CRI**
8 **Color Select**
9 **Color Select Designation**
10 **Sensor Included**
11 **Housing Color**

10 Sensor

PIR	PIR Sensor
-	None

11 Housing Color

-	Bronze
B	Black
W	White