

## Series Spec Sheet

# CSL

## DUAL HEAD LED SECURITY LIGHT

3 CCT and 3 Power Selectable

Integrated motion sensor with a photocell

Our CSL series features a motion sensor with a built-in dusk to dawn photocell which allows to turn on the lights at dusk and turn off the light at dawn. These features assures the area is well lit and provides added security at night. Offering superior performance while improving on energy savings, this fixture is ideal for walkways, yards, driveways, patios, parking lots and loading docks.

### FEATURES AND SPECIFICATIONS

#### • Construction

##### Physical Characteristics

- This luminaire is made of aluminum housing and comes standard in a Black and White coat finish
- Dual adjustable heads
- Frosted glass lens
- Integrated PIR sensor with built-in dusk to dawn photocell
- CCT and power switches are accessible from the front via the coin plug of 1/2"

##### Mounting

- Wall or ceiling mount with external junction box
- Surface mount with built in junction box

#### • Performance data

- Available in 3 000/4 000/5 000 K selectable color temperatures
- 80 CRI
- Electrical ratings: 120 V
- 2 kV surge protection
- Estimated life of over 50 000 hours to L70
- Operating temperature:  
-40 °C to 40 °C (-40 °F to 104 °F)

#### • Compliances

- ETL listed for Canada and USA
- cETLus listed for wet locations
- Meets requirements of ICES-005 issue 5 class B for use in residential applications
- IP65
- FCC
- IK07



### OVERVIEW

Light source	LED
Watts (W)	16/20/24
Lumen output (lm)	1 626-2 498
Efficacy (lm/W)	90-116
Color temperature (K)	3 000/4 000/5 000
CRI	80+



## QUICK SHIP AND TECHNICAL SPECIFICATION TABLE 🕒

Order code	Model number	Watts (W)	Volts (V AC)	Color temp. (K) <sup>1</sup>	Lumen output (lm) <sup>2,3</sup>	Efficacy (lm/W)	CRI	Life L70 (hrs) <sup>4</sup>	Beam angle (°)	Finish	Photocell (Yes/No)	Dimming (Yes/No)	Power factor	THD (%)	MH	HPS	Master case qty
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### CCT and Power Selectable with Integrated Photocell<sup>5</sup>

<b>70172</b>	CSL-PS24A-A-3C-BK/CHOICE	16/20/24	120	3 000/4 000/5 000	1 852-2 498	104-116	80+	50 000	110	Black	Yes	No	≥0.90	≤20	2x100	2x75	4
<b>70277</b>	CSL-PS24A-A-3C-WH/CHOICE	16/20/24	120	3 000/4 000/5 000	1 852-2 498	104-116	80+	50 000	110	White	Yes	No	≥0.90	≤20	2x100	2x75	4

<sup>1</sup> Typical color temperature range: +/- 5 %.

<sup>2</sup> Lumen values are derived from photometric testing. Initial lumens range: +/- 10 %.

<sup>3</sup> Lumen values are based on 4 000 K default programming. Please refer to the LUMEN SPECIFICATION TABLE for more details on other color temperatures.

<sup>4</sup> Life hours are derived from IESNA LM-80 testing report and projected per IESNA TM-21 extrapolations.

<sup>5</sup> Integrated ON/OFF photocell that can be easily disabled.

## LUMEN SPECIFICATION TABLE

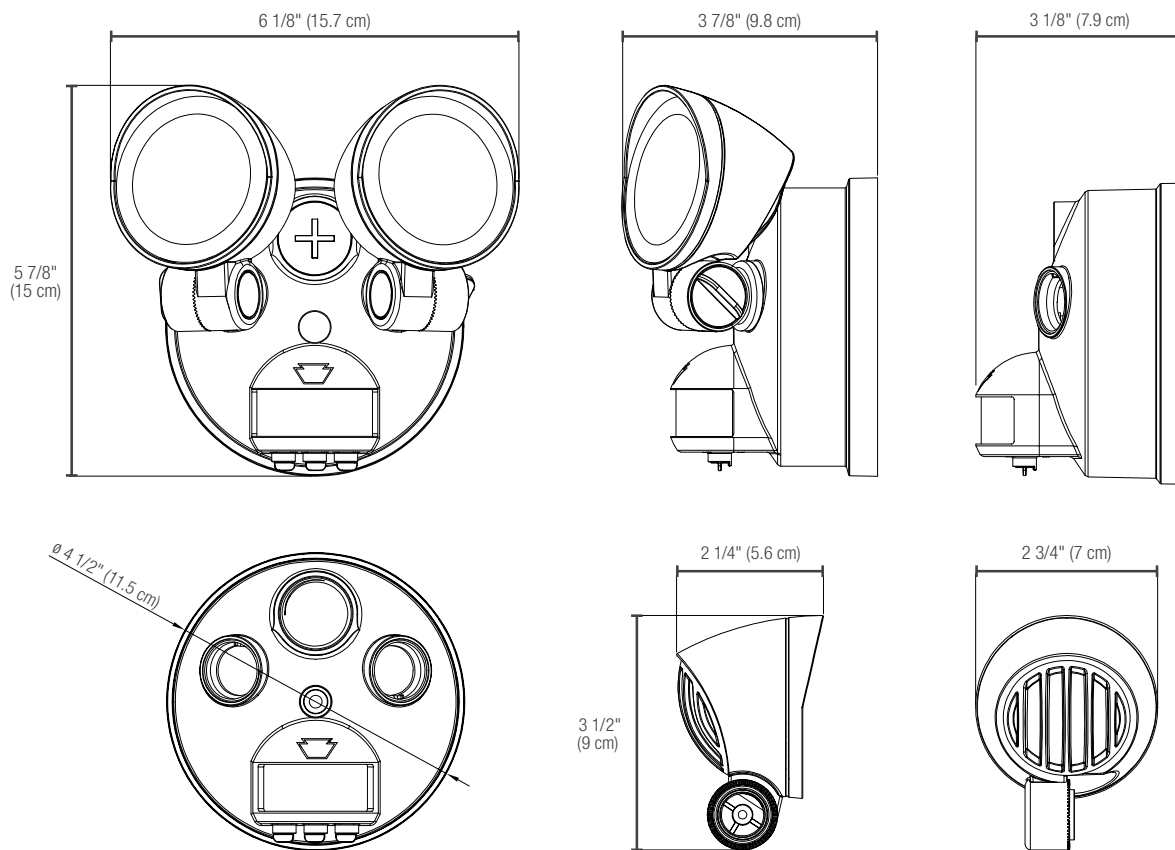
Order code	Model number	Watts (W)	3 000 K			4 000 K			5 000 K		
			Lumen output (lm)	Efficacy (lm/W)	LED Current (mA)	Lumen output (lm)	Efficacy (lm/W)	LED Current (mA)	Lumen output (lm)	Efficacy (lm/W)	LED Current (mA)
<b>70172</b> <b>70277</b>	CSL-PS24A-A-3C-BK/CHOICE CSL-PS24A-A-3C-WH/CHOICE	16	1 626	102	67	1 852	116	33	1 708	107	67
		20	1 910	96	80	2 200	110	40	2 028	101	80
		24	2 162	90	100	2 498	104	50	2 280	95	100

### DEFAULT PROGRAMMING

24 W / 4 000K

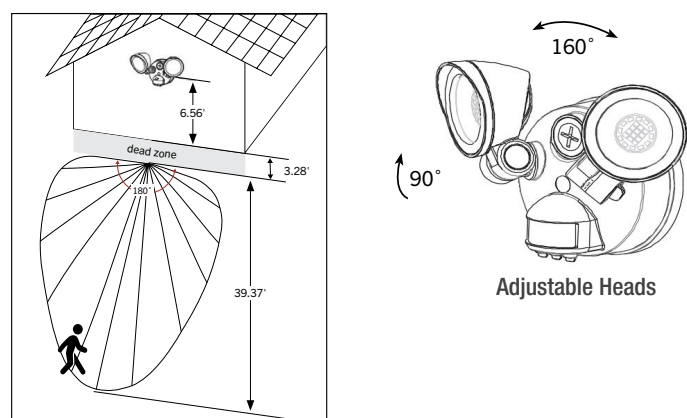
Data is based upon tests performed in a controlled environment. Actual performance can vary depending on operating conditions. All products are subject to change or may be discontinued any time without notice. Please contact your Stanpro customer service representative to confirm inventory levels at time of order.

## DIMENSIONS AND WEIGHTS



Net weight (lbs)	1.35
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## MOTION SENSOR DETECTION COVERAGE

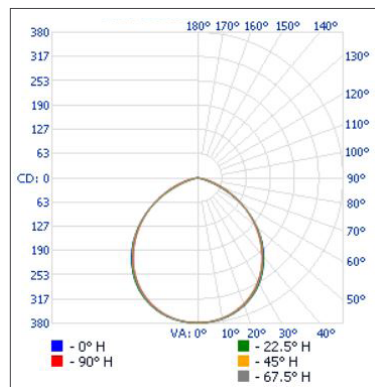


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## PHOTOMETRIC DATA<sup>1</sup>

CSL-PS24A-A-3C-XX/CHOICE • 8 W • 4 000 K • 926 lm (single head)

### Polar candela distribution



### Zonal lumen summary

Zone	Lumens	% Fixture
0-30	293.8	31.7
0-40	476.7	51.5
0-60	804.4	86.9
60-90	121.5	13.1
0-90	925.9	100

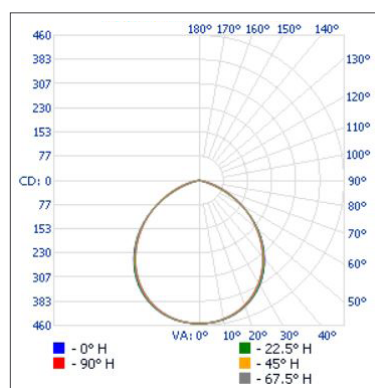
### Illuminance at a distance

Center beam fc		Beam width	
8.3'	5.50	21.1'	20.7'
16.7'	1.36	42.5'	41.7'
25.0'	0.61	63.7'	62.4'
33.3'	0.34	84.8'	83.1'
41.7'	0.22	106.2'	104.1'
50.0'	0.15	127.3'	124.8'

■ Vert. spread : 103.7°  
■ Horiz. spread : 102.6°

CSL-PS24A-A-3C-XX/CHOICE • 10 W • 4 000 K • 1 110 lm (single head)

### Polar candela distribution



### Zonal lumen summary

Zone	Lumens	% Fixture
0-30	352.1	31.7
0-40	571.2	51.5
0-60	963.9	86.9
60-90	145.6	13.1
0-90	1 109.5	100

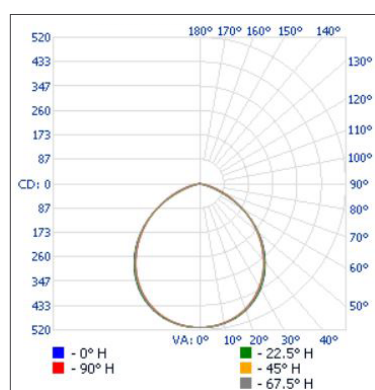
### Illuminance at a distance

Center beam fc		Beam width	
8.3'	6.59	21.1'	20.7'
16.7'	1.63	42.5'	41.7'
25.0'	0.73	63.7'	62.4'
33.3'	0.41	84.8'	83.1'
41.7'	0.26	106.2'	104.1'
50.0'	0.18	127.3'	124.8'

■ Vert. spread : 103.7°  
■ Horiz. spread : 102.6°

CSL-PS24A-A-3C-XX/CHOICE • 12 W • 4 000 K • 1 249 lm (single head)

### Polar candela distribution



### Zonal lumen summary

Zone	Lumens	% Fixture
0-30	396.4	31.7
0-40	643.0	51.5
0-60	1 085.1	86.9
60-90	163.9	13.1
0-90	1 249.0	100

### Illuminance at a distance

Center beam fc		Beam width	
8.3'	7.42	21.1'	20.7'
16.7'	1.83	42.5'	41.7'
25.0'	0.82	63.7'	62.4'
33.3'	0.46	84.8'	83.1'
41.7'	0.29	106.2'	104.1'
50.0'	0.20	127.3'	124.8'

■ Vert. spread : 103.7°  
■ Horiz. spread : 102.6°

<sup>1</sup> Complete IES files available on our website.

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