

PROJECT:

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PO:



ASTRA WITH MOTION SENSOR LED CEILING LUMINAIRE

STANPRO

SPEC SHEET

5 CCT SELECTABLE PIR MOTION SENSOR AND PHOTOCELL

FEATURES AND SPECIFICATIONS

CONSTRUCTION

Physical Characteristics

- White polycarbonate housing
- Available size: 6"
- CCT and Day/Night Mode switches are placed at the back of the housing
- Frosted PC lens
- Standard beam angle of 110°

Mounting

- Surface mounted, easy twist-lock

PERFORMANCE DATA

- Available in 2 700/3 000/3 500/4 000/5 000 K selectable color temp.
- 90+ CRI for true color accuracy
- Electrical ratings: 120 V
- Lumen output: 872-964 lm
- Non-dimmable
- Estimated life of over 54 000 hours to L70
- LM-80: 9 000 tested hours
- Operating temperature: -10 °C to 45 °C (14 °F to 113 °F)

SENSORS

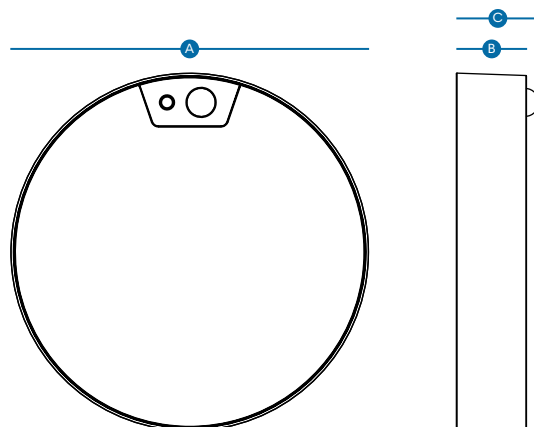
PIR Motion Sensor & Photocell

- Daytime Mode (Default Setting)
 - Fixture will turn ON when motion is detected, regardless of the presence of ambient light
 - When there is no motion, the fixture will turn OFF after 60 seconds and remain in standby mode as long as no motion is detected
- Nighttime Mode
 - If ambient light is above 50 lux, the fixture will remain OFF when someone enters the room
 - If ambient light is below 50 lux, the fixture will turn ON when someone enters the room
 - When there is no motion, the fixture will turn OFF after 60 seconds and remain in standby mode as long as no motion is detected
- Detection Area
 - 120° detection angle
 - For detection range, please see diagram below for further details

COMPLIANCES

- cETLus listed for Canada and USA for wet locations
- Meets requirements of ICES-005 issue 5

TECHNICAL DRAWINGS



Size	A	B	C	Net Weight (lbs)
6"	6 1/4" (15.80 cm)	1 1/4" (3.10 cm)	1 1/2" (3.65 cm)	0.55

* Please refer to the product web page to view detailed drawings by size.



5 CCT



5 YEARS
WARRANTY



ICES
005



Intertek

QUICK SHIP AND TECHNICAL SPECIFICATION TABLE¹

Type	Order Code	Model Number	Lumen Output (lm) ^{2,3}	Efficacy (lm/W)	Watts (W)	Life L70 (hrs) ⁴	Tested hours LM-80 (hrs) ⁴	Dimming (Yes/No)	Power Factor	Master Case QTY	UPC Code
6"											
	71452	CLAS6-R12W-A-5CWH-MS	897	75	12	54 000	9 000	No	≥0.90	40	069549039087

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

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

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

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

LUMEN SPECIFICATION TABLE

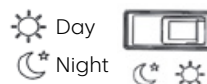
Order Code	Model Number	Watts (W)	2 700 K		3 000 K		3 500 K		4 000 K		5 000 K		Default Programming
			Lumen Output (lm)	Efficacy (lm/W)	Lumen Output (lm)	Efficacy (lm/W)	Lumen Output (lm)	Efficacy (lm/W)	Lumen Output (lm)	Efficacy (lm/W)	Lumen Output (lm)	Efficacy (lm/W)	
71452	CLAS6-R12W-A-5CWH-MS	12	872	73	897	75	938	78	964	80	958	80	3 000 K

SENSOR FUNCTION AND DETECTION PATTERN

Day and Night Mode Sensor Functions

Day Light / Night Light Mode Switch

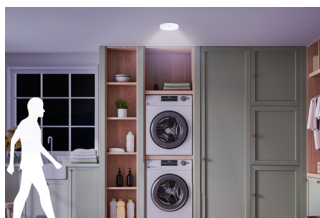
Choose day or night mode via the switch located on the back luminaire body.



Day time mode (default sensor setting)



The luminaire will turn on when motion is detected, regardless of the presence of natural light.



The luminaire will remain on for 60 seconds, or until no motion is detected.



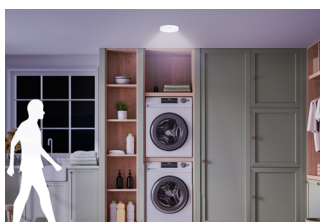
The luminaire will remain in standby mode when no motion is detected.



Night time mode



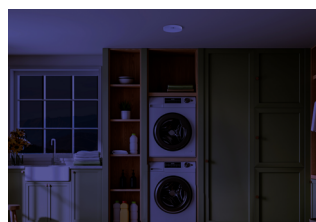
When the room is illuminated with natural light the luminaire will not turn on when someone enters the room.



When no natural light is detected, the luminaire will turn on when someone enters the room.



The luminaire will remain on for 60 seconds, or until no motion is detected.



The luminaire will remain in standby mode when no motion is detected.

Sensor Detection Coverage

