Project: _____ Type: _____

Drawn by: _____ Catalogue #: _____ Date: _____

Series Spec Sheet

TRI-LEVEL

TRI-LEVEL MOTION SENSOR LED CEILING LUMINAIRE

The Tri-Level Motion Sensor LED Ceiling Luminaire is a point of reference when it comes to efficient energy consumption. This programmable LED ceiling luminaire offers vast energy savings not only by using LED technology, but also by allowing the user to control the light levels and consumption when the area is not occupied. With lighting that must be on 24/7, property managers have little choices when trying to reduce energy consumption. These Tri-Level Motion Sensor LED Ceiling Luminaires are the perfect solution as they maximize energy savings by intelligently managing illumination levels to avoid wasting energy.

FEATURES AND SPECIFICATIONS

- **Physical Characteristics**
  - Steel housing in white or brushed nickel finishes
  - Frosted lens
  - Available size: 11"

  Mounting
  - Surface mounted

- **Performance data**
  - Integrated tri-level (high-frequency) motion sensor
  - Available in 4 000 K single color temperature
  - CRI 80+
  - Electrical ratings: 120 V
  - Estimated life of over 50 000 hours to L70
  - Operating temperature : -30°C to 45°C (-22°F to 113°F)

- **Compliances**
  - cULus listed for damp locations
  - Energy Star
  - Meets requirements of ICES-005 class B for use in residential applications

OVERVIEW

Light source	LED
Watts (W)	15
Lumen output (lm)	1 183 - 1 286
Efficiency (lm/W)	79 - 86
Color temperature (K)	4 000
CRI	80+

5 yrs warranty

quick ship

LED fixture

damp location

ICES 005

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QUICK SHIP AND TECHNICAL SPECIFICATION TABLE [1]

Order code	Model number	Watts (W)	Volts (VAC)	Color temp. (K)[2]	Lumen (lm)[3]	Efficiency (lm/W)	CRI	Life L70 (hrs)[4]	Tested hours LM-80 (hrs)[4]	Shape	Finish	Sensor type	Dimming (Yes/No)	Power factor	THD (%)	Case qty (master)
68367	CTL11-R15A/40KWH	15	120	4 000	1 100	75	>80	50 000	10 000	Round	White	High-Frequency	No	>0.9	<40%	4
68368	CTL11-R15A/40KBN	15	120	4 000	1 100	75	>80	50 000	10 000	Round	Brushed Nickel	High-Frequency	No	>0.9	<40%	4

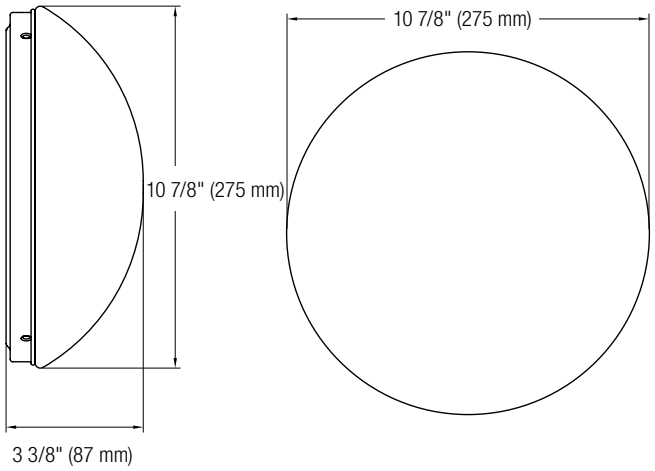
[1] **QUICK SHIP:** Product availability is subject to change without notice. Please contact your Stanpro customer service representative to confirm inventory levels at time of order.
[2] Typical color temperature range: +/- 5 %.
[3] Lumen values are derived from Energy Star reported data. Initial lumens range: +/- 10 %.
[4] Life hours are derived from IESNA LM-80-08 testing report and projected per IESNA TM-21-11 extrapolations.

ACCESSORIES (order separately)

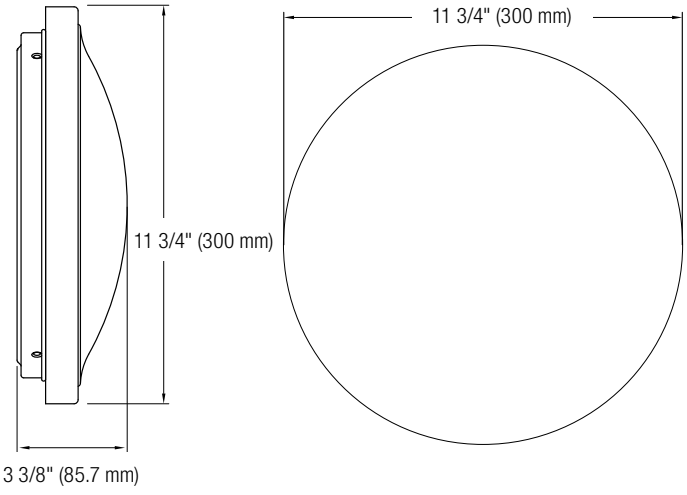
Order code	Model number	Type	Finish	Diameter (in)	Compatible with	Master case qty
68932	LEN-CLSR12-BN	Lens	Frosted	11 3/4	68368, 68929	10

DIMENSIONS AND WEIGHT

68367



68368



	68367	68368
Net weight (lbs)	1.12	1.32

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.

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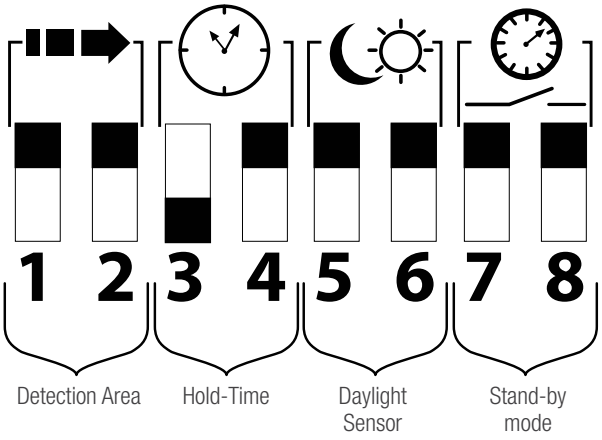
PROGRAMMING SETTINGS



DEFAULT PROGRAMMING	
Detection area	100%
Hold-time	90s
Daylight sensor	+∞
Stand-by mode (Operating mode)	0s

SENSOR ON/OFF AND DIMMING SETTING OPTIONS

DETECTION AREA
Detection area can be reduced by selecting the combination on the DIP switches to fit precisely for each specific application.
Options : 100% - 75% - 50% - 25%

	1	2	
I	ON	ON	100%
II	-	ON	75%
III	ON	-	50%
IV	-	-	25%

I – 100%
II – 75%
III – 50%
IV – 25%

HOLD-TIME
Hold-time means the time period you would like to keep the lamp on 100% after the person has left the detection area.
Options : 5s – 90s – 3 min – 10 min

	3	4	
I	ON	ON	5s
II	-	ON	90s
III	ON	-	3min
IV	-	-	10min

I – 5s
II – 90s
III – 3min
IV – 10min

DAYLIGHT SENSOR
The daylight threshold can be set on DIP switches to fit a particular application.
Options : +∞ (Disable)- 50 lux – 15 lux – 5 lux

	5	6	
I	ON	ON	+∞
II	-	ON	50Lux
III	ON	-	15Lux
IV	-	-	5 Lux

I – +∞
II – 50Lux
III – 15Lux
IV – 5Lux

STAND-BY MODE (Operating mode)
This is the time period to maintain light output at the lowest level (10% -15% of brightness) before the luminaire completely switched off in case there is no motion activity for a long period of time.

Note: "0s" means on/off control;
"+∞ means bi-level dimming control, fixture never switches off. (10% - 15% of brightness)
Options : 0s – 30s – 10 min - +∞

	7	8	
I	ON	ON	0s
II	-	ON	30s
III	ON	-	10min
IV	-	-	+∞

I – 0s
II – 30s
III – 10min
IV – +∞

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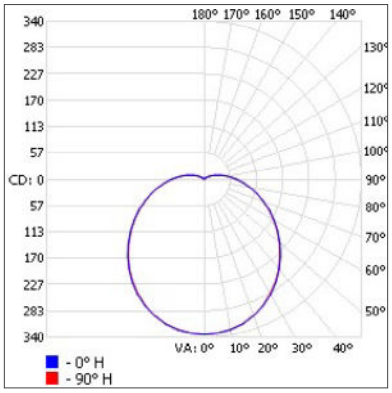
PHOTOMETRIC DATA[1]

68367 • CTL11-R15A/40KWH • 1285.6 lm

Polar candela distribution



Zonal lumen summary

Zone	Lumens	% Fixture
0-30	260.7	20.3
0-40	429.4	33.4
0-60	782.6	60.9
60-90	371.5	28.9
70-100	280.6	21.8
90-120	118.2	9.2
0-90	1 154.1	89.8
90-180	131.4	10.2
0-180	1 285.6	100

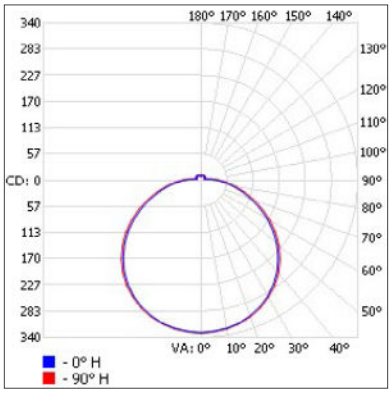
Illuminance at a distance

	Center beam fc	Beam width	
1.7'	116	6.4'	6.3'
3.3'	30.7	12.4'	12.2'
5.0'	13.4	18.7'	18.5'
6.7'	7.44	25.1'	24.7'
8.3'	4.85	31.1'	30.7'
10.0'	3.34	37.5'	36.9'

Vert. spread: 123.8°
Horiz. spread: 123.1°

68368 • CTL11-R15A/40KBN • 1182.9 lm

Polar candela distribution



Zonal lumen summary

Zone	Lumens	% Fixture
0-30	262.6	22.2
0-40	436.2	36.9
0-60	796.4	67.3
60-90	302.3	25.6
70-100	187.6	15.9
90-120	48.4	4.1
0-90	1 098.7	92.9
90-180	84.3	7.1
0-180	1 182.9	100

Illuminance at a distance

	Center beam fc	Beam width	
1.7'	114	5.9'	6.3'
3.3'	30.3	11.5'	12.2'
5.0'	13.2	17.4'	18.4'
6.7'	7.36	23.3'	24.7'
8.3'	4.79	28.9'	30.6'
10.0'	3.30	34.8'	36.9'

Vert. spread: 120.2°
Horiz. spread: 123.0°

[1] Complete IES files available on our website.

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