

Individual Spec Sheet

TRI-LEVEL

TRI-LEVEL MOTION SENSOR LED CEILING LUMINAIRE

ORDERING INFORMATION

Order Code: 68367
Model Number: CTL11-R15A/40KWH
UPC: 069549010109
Master Box quantity: 4

PHYSICAL DATA

Dimensions in. (cm): 10 7/8 (27.5)
Shape: Round
Housing material: Steel
Finish: White
Lens Finish: Frosted
Lens material: Polycarbonate
Mounting: Surface

PERFORMANCE DATA

Watts (W): 15
Volts (VAC): 120
Colour temp. (K)¹: 4 000
Lumen output (lm)²: 1 100
Lumen per Watts (lm/W): 75
CRI: 80+
Life L70 (h)³: 50 000
Beam angle (°): 120
Frequency (Hz): 60
Operating temp. range: -30°C to 45°C (-22°F to 113°F)
Sensor: Integrated tri-level microwave (high frequency) motion sensor

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

² Lumen values are derived from Energy Star reported data. Initial lumens range: +/- 10 %.

³ Life hours are derived from IESNA LM80-08 testing report and projected per IESNA TM-21-11 extrapolations.



5
yrs
warranty

**quick
ship**

**LED
fixture**

6
damp
location

**ICES
005**

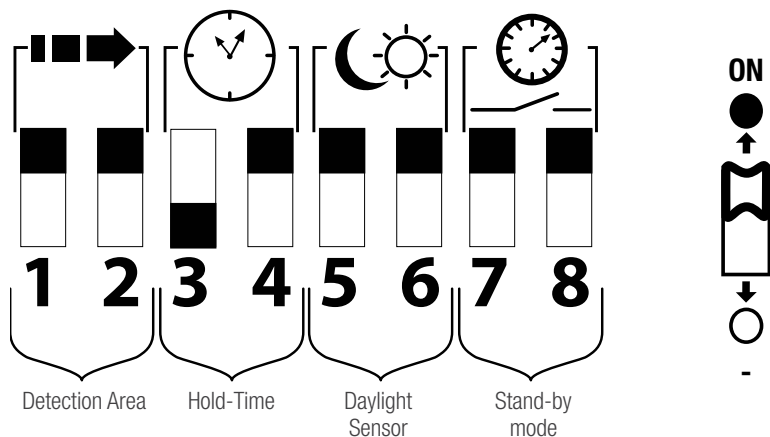
cULus

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ENERGY STAR

This lighting equipment complies with Canadian standard ICES-005 for use in residential applications.
 Data is based upon tests performed in a controlled environment.
 Actual performance can vary depending on operating conditions. Specifications are subject to change without notice.

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	-	-	+∞

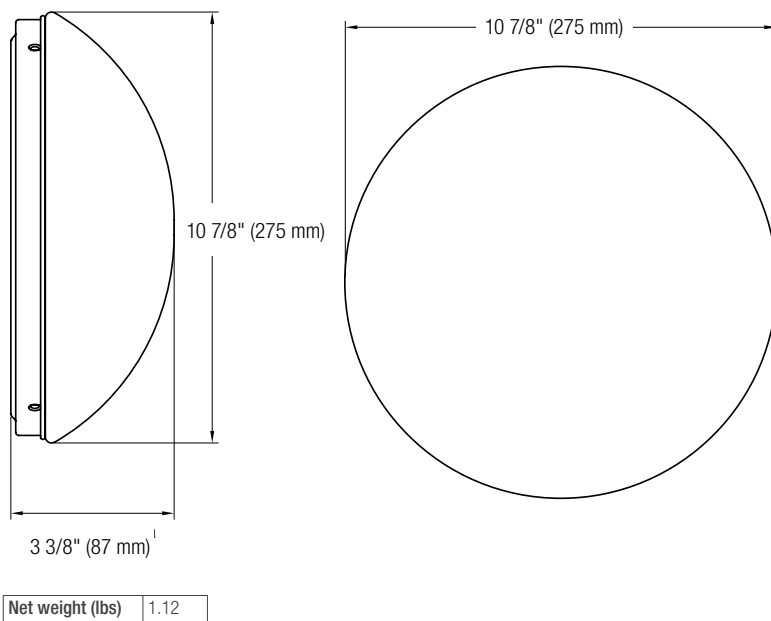
I - 0s

II - 30s

III - 10min

IV - +∞

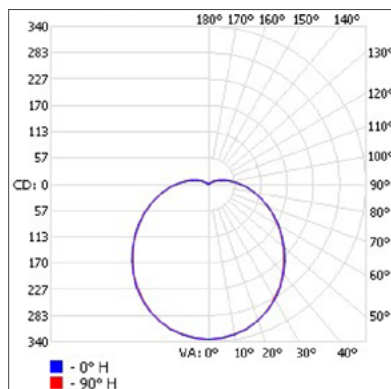
DIMENSIONS AND WEIGHT



PHOTOMETRIC DATA¹

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°

¹ Complete IES files available on our website.

Qty	Description	Price

I accept the specifications of the luminaire configuration mentioned above.

Name: _____

Company: _____

Signature: _____

Date: _____

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