

Technical Information Bulletin

LED Tri Level Ceiling Luminaire



Date: _____ Name of distributor: _____
 In hands date of project: _____ Client #: _____
 Project name/Number: _____ Name of end user: _____

ORDERING INFORMATION

Order code: 67068
 Description: CL11/TLEV/15W/40K/RND/BN/STD
 UPC: 69549670686
 Case quantity: 4



PHYSICAL DATA

Size in. (mm): 11"
 Shape: Round
 Type: Tri-Level Ceiling Fixture
 Finish: Steel Brushed Nickel
 Lens material: Frosted PS
 Mounting: Junction box

PERFORMANCE DATA

Watts (W): 15
 Volts (VAC): 120
 Colour temp. (K)¹: 4 000
 Lumen output (lm)²: 1 148
 Lumen per Watts (lm/W): 83
 CRI: 80
 Life L70 (h)³: 50 000
 Beam angle (°): 120
 THD (%): 40
 Power factor: >0.9
 Frequency (Hz): 60
 Operating temp. range: - 30 °C to 45°C (-22°F to 113°F)

¹ Typical colour temperature range: +/- 5 %

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

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



DESCRIPTION AND OTHER OPTIONS

CL11	/	S2	/	TLEV	/	15W	/	40K	/	RND	/	BN	/	STD
Type and size		Series		Feature		Watts		Colour temp.		Shape		Trim colour		Brand
CL11 Ceiling 11"		BLANK S2 Series 1 Series 2		TLEV Programmable Tri Level		15W 15 watts		40K 4 000 K		RND Round		WH BN White Brushed Nickel		STD Standard

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

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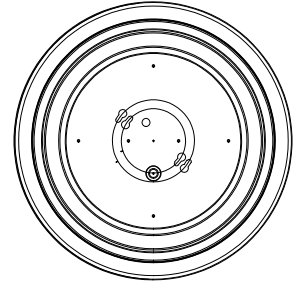
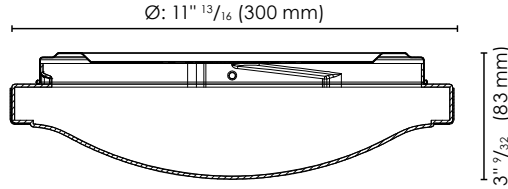
LED Tri Level Ceiling Luminaire



ORDER CODE : 67068

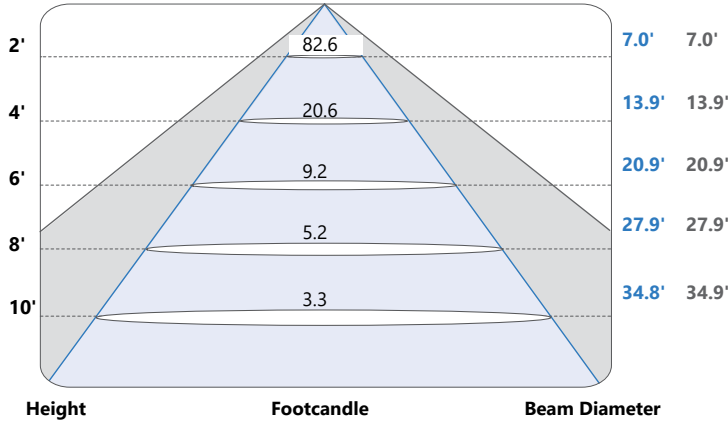
TECHNICAL DRAWINGS AND DIMENSIONS

Diameter: 11" ¹³/₁₆ (300 mm)
 Height: 3" ⁷/₃₂ (83 mm)

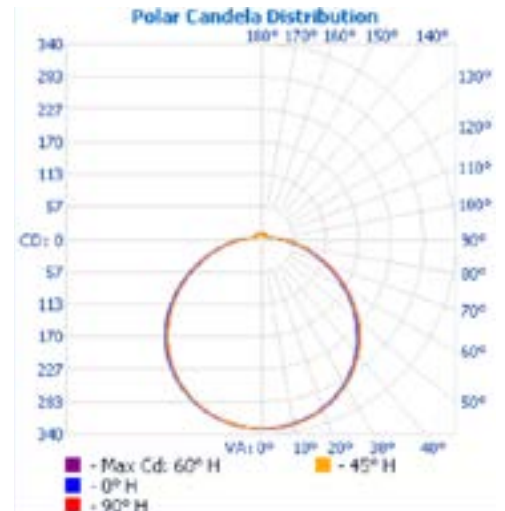


BEAM SPREAD*

Vertical spread - 120.3°
 Horizontal spread - 120.3°

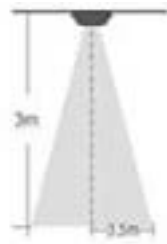


CANDELA DISTRIBUTION*



Detection area installation height of 3 m:

- 100% - 3.5 m
- 75% - 2.5 m
- 50% - 1.5 m
- 25% - 1 m



COEFFICIENTS OF UTILIZATION (ZONAL CAVITY METHOD)*

RCC %:	80				70				50				30				10				0			
RW %:	20	50	30	0	20	50	30	0	50	30	20	0	50	30	20	0	50	30	20	0	50	30	20	0
RCR: 0	1.17	1.17	1.17	1.17	1.14	1.14	1.14	1.14	1.07	1.07	1.07	1.07	1.01	1.01	1.01	1.01	.96	.96	.96	.96	.93	.93	.93	.93
1	1.06	1.00	.95	.91	1.02	.97	.93	.75	.92	.88	.85	.86	.86	.83	.81	.82	.79	.77	.77	.74	.74	.74	.74	.74
2	.95	.86	.79	.73	.92	.84	.77	.62	.79	.73	.69	.75	.70	.66	.71	.67	.63	.63	.63	.61	.61	.61	.61	.61
3	.87	.75	.67	.60	.83	.73	.65	.52	.69	.62	.57	.65	.60	.55	.62	.57	.53	.53	.53	.51	.51	.51	.51	.51
4	.79	.66	.57	.50	.76	.65	.56	.45	.61	.54	.48	.58	.52	.47	.55	.50	.45	.45	.45	.43	.43	.43	.43	.43
5	.73	.59	.50	.43	.70	.58	.49	.39	.55	.47	.41	.52	.45	.40	.49	.44	.39	.39	.39	.37	.37	.37	.37	.37
6	.67	.53	.44	.37	.64	.52	.43	.34	.49	.42	.36	.47	.40	.35	.45	.39	.34	.34	.34	.32	.32	.32	.32	.32
7	.62	.48	.39	.33	.60	.47	.38	.30	.45	.37	.32	.43	.36	.31	.41	.35	.30	.30	.30	.28	.28	.28	.28	.28
8	.58	.44	.35	.29	.56	.43	.34	.27	.41	.33	.28	.39	.32	.28	.37	.31	.27	.27	.27	.25	.25	.25	.25	.25
9	.54	.40	.32	.26	.52	.39	.31	.24	.37	.30	.25	.36	.29	.25	.34	.29	.24	.24	.24	.22	.22	.22	.22	.22
10	.50	.37	.29	.23	.49	.36	.28	.22	.35	.28	.23	.33	.27	.22	.32	.26	.22	.22	.22	.20	.20	.20	.20	.20

*Complete IES files available on our website

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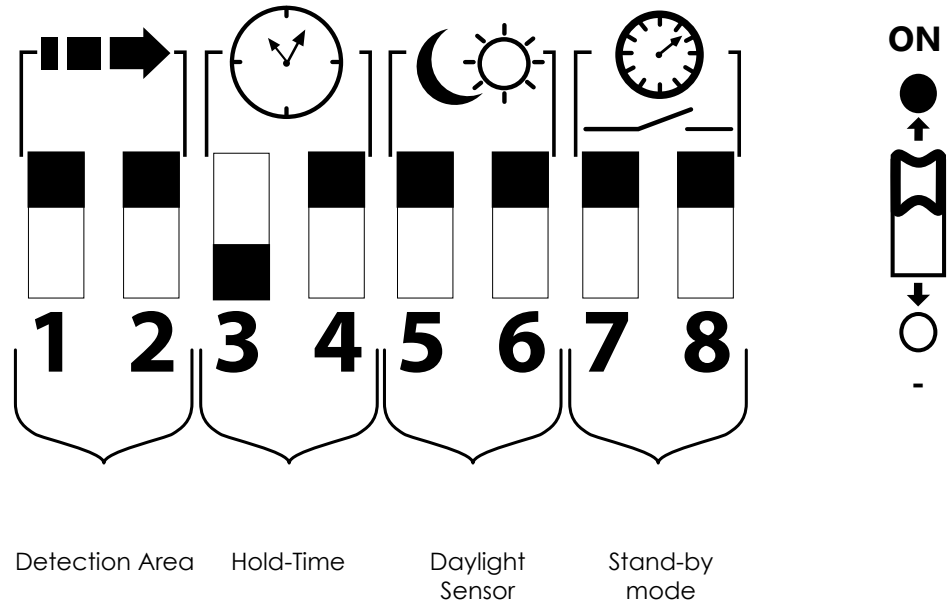
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PROGRAMMING SETTINGS

Default programming

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



DETECTION AREA

The detection area can be reduced by selecting the combination on the DIP switches to fit precisely each specific application.

Options: 100% - 75% - 50% - 25%



HOLD-TIME

Hold-time means the time period required to maintain the light at 100% after all motion has ceased (the detection area has been vacated).

Options: 5s - 90s - 3 min - 10 min



DAYLIGHT SENSOR

The daylight threshold can be set on DIP switches to fit a particular application.

Options: +∞ (Disable) - 50 lux - 15 lux - 5 lux



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 - +∞

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

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

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

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

Qty	Description	Price

I accept the specifications of the luminaire configuration mentioned above.

Name: _____
 Company: _____
 Signature: _____

Date: _____