

# Technical Information Bulletin

## LED Ceiling Luminaire



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

### ORDERING INFORMATION

Order code: 66718  
 Description: CL8/S2/12W/30K/RND/WH/STD  
 UPC: 69549667181  
 Case quantity: 1  
 Luminaire description: 8" Ceiling Luminaire



### FEATURES, SPECIFICATIONS AND PERFORMANCE

Watts (W): 12  
 Colour temp. (K): 3 000  
 CRI: 80  
 Average life (hrs): 50 000  
 Lumens (lm): 1 012  
 Efficacy (LPW): 79  
 Volts (V): 120  
 Frequency (Hz): 60  
 Power factor: >0.90  
 Total harmonic distortion (THD): <20%  
 Ambient operating temperatures: - 20 °C to 45 °C (- 4 °F to 113 °F)  
 Lens type: Frosted Polycarbonate  
 Mounting: Junction box  
 Dimmer type: TRIAC dimmers / Forward phase



DIMMABLE



DAMP



INDOOR



5 YEARS WARRANTY



RoHS COMPLIANT



ICES 005



UL LISTED



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ENERGY STAR

For a complete list of ENERGY STAR qualified products, please visit [www.standardpro.com](http://www.standardpro.com)

### COMPATIBLE DIMMERS

**Legrand:** HCL453P

**Cooper:** DAL06P, AAL06

**Leviton:** SLC03P, 6615, IPL06, 6674, DSL06-1LZ, DSM10-1LZ, IPE04-1LZ

**Lutron:** CTCL-153P, DVCL-253P, DVELV-300P, SELV-300P, MACL-153P, PD-6WCL

### DESCRIPTION AND OTHER OPTIONS

CL8		/	S2		/	12W	/	30K		/	RND		/	WH		/	STD	
Type			Series			Watts		Colour Temperature			Shape			Colour			Brand	
CL6	6" Ceiling luminaire		BLANK S2	Series 1		10 W		27K <sup>1</sup>	2 700 K		RND	Round		WH BN <sup>2</sup>	White Brushed Nickel		STD	STANDARD
CL8	8" Ceiling luminaire			Series 2		12 W		30K	3 000 K									
CL11	11" Ceiling luminaire					15 W		40K	4 000 K									
CL14	14" Ceiling luminaire					25 W												

<sup>1</sup> Offered in 11" & 14" only

<sup>2</sup> Available in 6" & 8" only

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.  
 March 29, 2018

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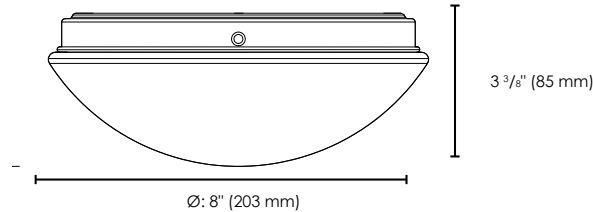
## LED Ceiling Luminaire



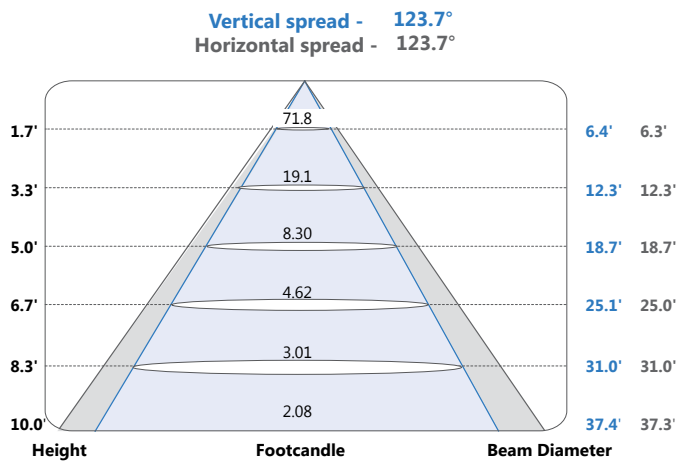
ORDER CODE : 66718

### TECHNICAL DRAWINGS AND DIMENSIONS

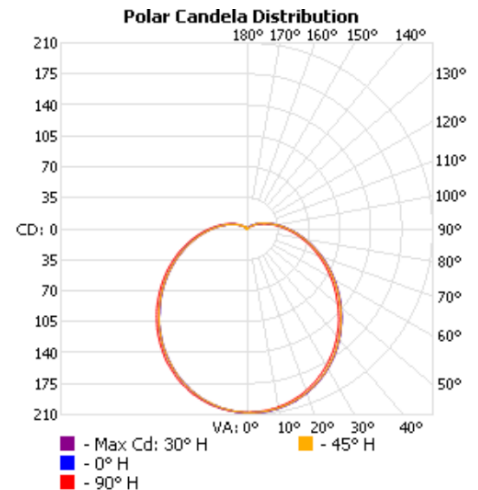
Diameter: 8" (203 mm)  
Height: 3 3/8" (85 mm)



### BEAM SPREAD\*



### CANDELA DISTRIBUTION\*



### COEFFICIENTS OF UTILIZATION (ZONAL CAVITY METHOD)\*

RCC %:	80				70				50				30				10				0			
RW %:	70	50	30	0	70	50	30	0	50	30	20	10	50	30	20	10	50	30	20	10	50	30	20	10
RCR: 0	1.17	1.17	1.17	1.17	1.13	1.13	1.13	1.13	1.05	1.05	1.05	1.05	.99	.99	.99	.99	.93	.93	.93	.93	.90	.90	.90	.90
1	1.04	.98	.92	.88	1.00	.94	.90	.70	.88	.84	.81	.81	.82	.79	.76	.77	.75	.72	.69	.69	.69	.69	.69	.69
2	.93	.84	.76	.69	.89	.81	.74	.57	.76	.70	.65	.65	.71	.66	.62	.66	.62	.59	.56	.56	.56	.56	.56	.56
3	.84	.73	.64	.57	.81	.70	.62	.48	.66	.59	.53	.53	.62	.56	.51	.58	.53	.49	.46	.46	.46	.46	.46	.46
4	.77	.64	.55	.47	.74	.62	.53	.40	.58	.51	.45	.45	.55	.48	.43	.51	.46	.41	.39	.39	.39	.39	.39	.39
5	.71	.57	.47	.40	.68	.55	.46	.35	.52	.44	.38	.38	.49	.42	.37	.46	.40	.36	.33	.33	.33	.33	.33	.33
6	.65	.51	.42	.35	.62	.50	.41	.31	.47	.39	.33	.33	.44	.37	.32	.41	.36	.31	.29	.29	.29	.29	.29	.29
7	.60	.46	.37	.31	.58	.45	.36	.27	.42	.35	.29	.29	.40	.33	.28	.38	.32	.27	.25	.25	.25	.25	.25	.25
8	.56	.42	.33	.27	.54	.41	.33	.24	.39	.31	.26	.26	.37	.30	.25	.35	.29	.25	.22	.22	.22	.22	.22	.22
9	.52	.39	.30	.24	.50	.38	.30	.22	.36	.28	.23	.23	.34	.27	.23	.32	.26	.22	.20	.20	.20	.20	.20	.20
10	.49	.35	.27	.22	.47	.35	.27	.20	.33	.26	.21	.21	.31	.25	.21	.30	.24	.20	.18	.18	.18	.18	.18	.18

\*Complete IES files available on our website

Qty	Description	Price

I accept the specifications of the luminaire configuration mentioned above.

Name: \_\_\_\_\_

Company: \_\_\_\_\_

Signature: \_\_\_\_\_

Date: \_\_\_\_\_