

# Technical Information Bulletin

## LED Double Ring Ceiling Luminaire



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

### ORDERING INFORMATION

Order code: 66858  
 Description: CLDR12/S2/20W/30K/RND/CH/STD  
 UPC: 69549668584  
 Case quantity: 4



### PHYSICAL DATA

Size in. (mm): 11 13/16" (300 mm)  
 Shape: Round  
 Finish: Chrome  
 Lens material: Frosted plastic  
 Mounting: Junction box

### PERFORMANCE DATA

Watts (W): 20  
 Volts (VAC): 120  
 Colour temp. (K): 3 000  
 Lumen output (lm): 1 458  
 Lumen per Watts (lm/W): 73.4  
 CRI: > 80  
 Life L70 (h): 56 000  
 Beam angle (°): 120  
 THD (%): <20%  
 Power factor: >0.9  
 Frequency (Hz): 60  
 Operating temp. range: -20 to 40 °C (-4 to 104 °F)  
 Dimmer type: TRIAC dimmers / Forward phase



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

### COMPATIBLE DIMMERS

Brand	Model
LEGRAND	HCL453P, RH703PTUTC
COOPER	9531AW, DAL06P, AAL06, SLC03P
LEVITON	6615, IPL06, 6674, DSL06-1LZ, DSM10-1LZ, IPE04-1LZ
LUTRON	DVCL-153P, CTCL-153P, DVCL-253P, AYCL-253P, DVCLV-300P, SELV-300P, NTELV-600, MACL-153P

### DESCRIPTION AND OTHER OPTIONS

CLDR12	/	S2	/	20W	/	30K	/	RND	/	CH	/	STD
Series and size		Series		Watts	Colour Temperature		Shape		Brand		Brand	
<b>CLDR12</b>	12" Double-ring ceiling luminaire	<b>BLANK</b> <b>S2</b>	Series 1	<b>20 W</b>	<b>30K</b> 3 000 KELVIN <b>40K<sup>1</sup></b> 4 000 KELVIN		<b>RND</b>	Round	<b>BK</b> BLACK <b>CH</b> CHROME <b>BN</b> BRUSHED NICKEL		<b>STD</b>	STANDARD
<b>CLDR14</b>	14" Double-ring ceiling luminaire		Series 2	<b>25 W</b>								
<b>CLDR16</b>	16" Double-ring ceiling luminaire			<b>26 W</b>								

<sup>1</sup>Only available in Brushed Nickel

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.  
 June 12, 2018

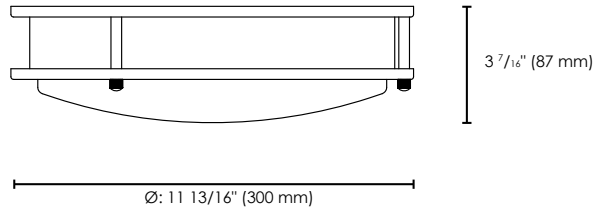
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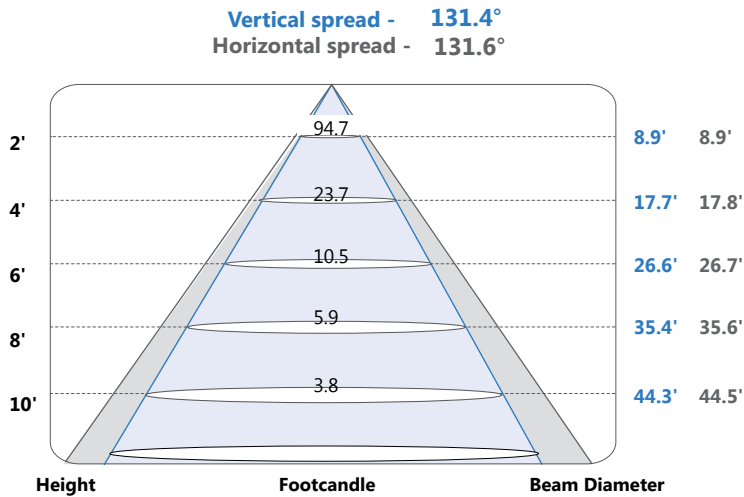
ORDER CODE : 66858

## TECHNICAL DRAWINGS AND DIMENSIONS

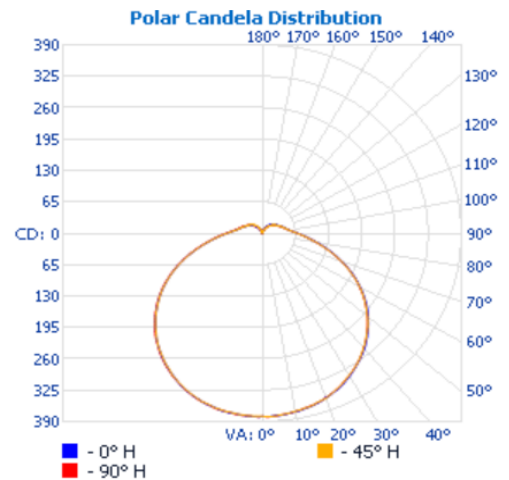
Diameter: 11 13/16" (300 mm)  
Height: 3 7/16" (87 mm)



## 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	0	50	30	20	0	50	30	20	0	
RCR: 0	1.16	1.16	1.16	1.16	1.12	1.12	1.12	.87	1.04	1.04	1.04	.97	.97	.97	.97	.90	.90	.90	.90	.87	
1	1.03	.98	.93	.88	.99	.94	.90	.69	.87	.84	.80	.81	.78	.75	.76	.73	.71	.68			
2	.93	.84	.76	.70	.89	.81	.74	.56	.75	.69	.64	.70	.65	.61	.65	.61	.58	.55			
3	.84	.73	.64	.57	.81	.70	.62	.47	.65	.58	.53	.61	.55	.50	.57	.52	.48	.45			
4	.77	.64	.55	.47	.73	.62	.53	.39	.58	.50	.44	.54	.47	.42	.50	.45	.40	.38			
5	.70	.57	.47	.40	.67	.55	.46	.34	.51	.44	.38	.48	.41	.36	.45	.39	.35	.32			
6	.65	.51	.42	.35	.62	.49	.40	.30	.46	.38	.33	.43	.37	.31	.40	.35	.30	.28			
7	.60	.46	.37	.30	.57	.44	.36	.26	.42	.34	.29	.39	.33	.28	.37	.31	.27	.24			
8	.56	.42	.33	.27	.53	.40	.32	.23	.38	.31	.26	.36	.29	.25	.34	.28	.24	.22			
9	.52	.38	.30	.24	.50	.37	.29	.21	.35	.28	.23	.33	.27	.22	.31	.25	.21	.19			
10	.49	.35	.27	.22	.47	.34	.26	.19	.32	.25	.21	.30	.24	.20	.29	.23	.19	.17			

\*Complete IES files available on our website

Qty	Description	Price

I accept the specifications of the luminaire configuration mentioned above.

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

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

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

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