

Series Spec Sheet

DOUBLE RING

LED CEILING LUMINAIRE

5 CCT and 3 Power Selectable

The Double Ring LED Ceiling Luminaire series is available in several sizes and offers the advantage of an integrated 5 color temperature and 3 power selection. These luminaires will help accentuate any residential or commercial space such as hallway, bedroom or lobby.

FEATURES AND SPECIFICATIONS

• Construction

Physical Characteristics

- Steel backplate and ring
- Available finish: brushed nickel
- Frosted polystyrene lens
- Available sizes: 12", 14", 16"
- CCT and power selectable switches are placed discreetly inside the housing

Mounting

- Surface
- Semi-flush mounted when used with compatible mounting kit (see accessories)

• Performance data

- Available in 2 700/3 000/3 500/4 000/5 000 K selectable color temperature
- 80+ CRI
- Electrical ratings: 120 V
- Estimated life of over 60 000 hours to L70
- Phase-cut (ELV / Triac) dimming standard
- Operating temperature: -20 °C to 45 °C (-4 °F to 113 °F)

• Compliances

- cETLus listed for damp locations
- Meets requirements of ICES-005 issue 5 class B for use in residential applications



OVERVIEW

Light source	LED
Watts (W)	8/12/15, 14/18/25, 18/25/30
Lumen output (lm)	602 - 2 632
Efficiency (lm/W)	75 - 97
Color temperature (K)	2 700/3 000/3 500/4 000/5 000
CRI	80



QUICK SHIP AND TECHNICAL SPECIFICATION TABLE

Order code	Model number	Watts (W)	Volts (VAC)	Color temp. (K) ¹	Lumen output (lm) ^{2,3}	Efficiency (lm/W)	CRI	Life L70 (hrs) ⁴	Tested hours LM-80 (hrs) ⁴	Beam angle (°)	Finish	Dimming (Yes/No)	Power factor	Master case qty
5 CCT and 3 Power Selectable														
12"														
70466	CLDR12-PS15W-A-5CBN	8/12/15	120	2 700/3 000/3 500/4 000/5 000	640/1 042/1 321	80/87/88	80	>60 000	10 000	120	Brushed Nickel	Yes	≥0.90	6
14"														
70468	CLDR14-PS25W-A-5CBN	14/18/25	120	2 700/3 000/3 500/4 000/5 000	1 171/1 547/1 952	84/86/78	80	>60 000	10 000	120	Brushed Nickel	Yes	≥0.90	6
16"														
70470	CLDR16-PS30W-A-5CBN	18/25/30	120	2 700/3 000/3 500/4 000/5 000	1 478/1 933/2 325	82/77/78	80	> 60 000	10 000	120	Brushed Nickel	Yes	≥0.90	6

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

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

³ Lumen values are based on 3 000 K default programming. Please refer to the LUMEN SPECIFICATION TABLE for more details on other color temperatures.

⁴ Life hours are derived from IESNA LM-80 testing report and projected per IESNA TM-21 extrapolations.

LUMEN SPECIFICATION TABLE

Order code	Model number	Watts (W)	2 700 K		3 000 K		3 500 K		4 000 K		5 000 K	
			Lumen output (lm)	Efficiency (lm/w)	Lumen output (lm)	Efficiency (lm/w)	Lumen output (lm)	Efficiency (lm/w)	Lumen output (lm)	Efficiency (lm/w)	Lumen output (lm)	Efficiency (lm/w)
70466	CLDR12-PS15W-A-5CBN	8	602	75	640	80	656	82	664	83	657	82
		12	1 031	86	1 042	87	1 157	96	1 169	97	1 124	94
		15	1 214	81	1 321	88	1 378	92	1 389	93	1 321	88
70468	CLDR14-PS25W-A-5CBN	14	1 147	82	1 171	84	1 240	89	1 288	92	1 267	91
		18	1 505	84	1 547	86	1 644	91	1 715	95	1 659	92
		25	1 878	75	1 952	78	2 090	84	2 187	87	2 081	83
70470	CLDR16-PS30W-A-5CBN	18	1 498	83	1 478	82	1 608	89	1 642	91	1 559	87
		25	1 938	78	1 933	77	2 124	85	2 174	87	2 009	80
		30	2 337	78	2 325	78	2 568	86	2 632	88	2 376	79

DEFAULT PROGRAMMING

70466: 15 W / 3 000 K

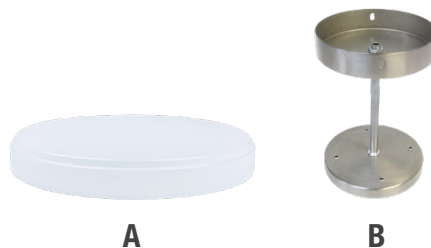
70468: 25 W / 3 000 K

70470: 30 W / 3 000 K

ACCESSORIES (order separately)

Order code	Model number	Type	Finish	Diameter (in.)	Compatible with	Case qty (master)	Figure
70472	12IN REPLACEMENT LENS FOR CLDR12-PS	Lens	Frosted	10 1/8	70466	50	A
70473	14IN REPLACEMENT LENS FOR CLDR14-PS	Lens	Frosted	12 1/2	70468	20	A
70474	16IN REPLACEMENT LENS FOR CLDR16-PS	Lens	Frosted	14 1/8	70470	10	A
69747	6IN STEM SUSP. KIT WITH WIRE FOR CLDR BN	6" Semi-flush stem kit with ground wire extension	Brushed Nickel	4 3/4 ¹	68977, 68978, 68979, 70466, 70468, 70470	50	B

¹ Mounting plate and canopy dimension.



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. Please contact your Stanpro customer service representative to confirm inventory levels at time of order.

COMPATIBLE DIMMERS¹

	12"	14"	16"
Brand	Model		
Legrand		RH730PTUTC	RH730PTUTC
Cooper		DAL06P, AAL06, SAL06P3	DAL06P, AAL06, SAL06P3
Leviton	6615 ² , DSM10-1LZ	6615 ² , IPL06, 6674, DSL06-1LZ, DSM10-1LZ, DDMX1	6615, 6674, IPE04-1LZ, DDMX1
Lutron	PD-6WCL, CTCL-153P, AYCL-253P, SELV-300P	CTCL-153P, DVCL-253P, AYCL-253P, DVELV-300P, SELV-300P, MACL-153P	PD-6WCL, CTCL-153P, SELV-300P

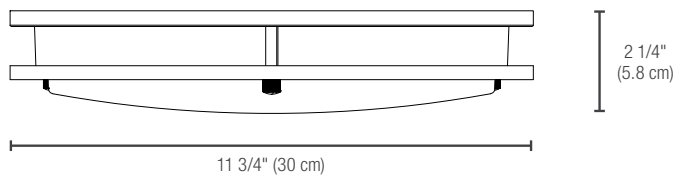
Dimming range: 5%-100%

¹ This table shows dimmers that have been tested and have demonstrated proper operation under normal conditions. Each installation being unique, various factors such as load, common neutrals or other electrical products on the circuit can, in certain instances, cause variance in system performance. Read and comply to the dimmer installation instructions. Consult dimming system manufacturer for additional support in operation. Some dimmers may require more than one product for stable operation. Stanpro recommends to use dimmers designed to work with LED products. Older dimmers designed for incandescent products may cause erratic operation.

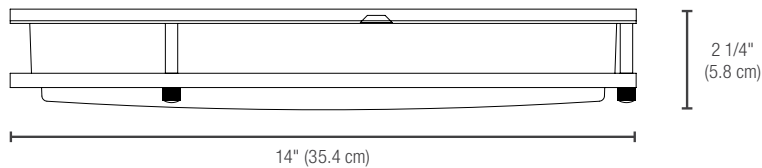
² Minimum dimming is > 15%.

DIMENSIONS AND WEIGHTS

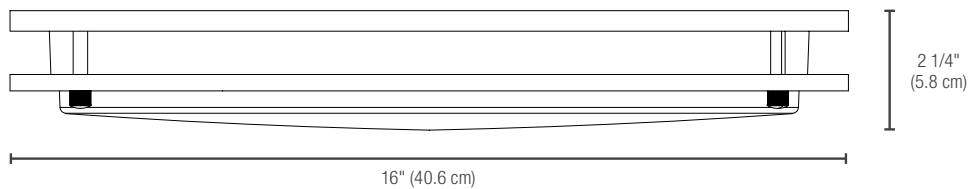
12"



14"



16"



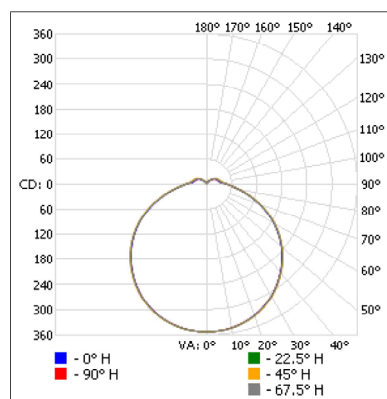
	12"	14"	16"
Net weight (lbs)	1.26	1.98	2.78

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PHOTOMETRIC DATA¹

70466 • CLDR12-PS15W-A-5CBN • 15 W • 3 000 K • 1 321.3 lm

Polar candela distribution



Zonal lumen summary

Zone	Lumens	% Fixture
0-30	279.1	21.1
0-40	462.9	35
0-60	849.9	64.3
60-90	338.5	25.6
70-100	222.0	16.8
90-120	100.9	7.6
0-90	1 188.4	89.9
90-180	132.9	10.1
0-180	1 321.3	100

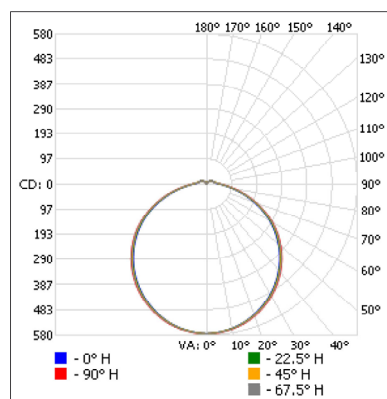
Illuminance at a distance

Center beam fc		Beam width	
1.7'	122	6.3'	6.4'
3.3'	32.3	12.3'	12.4'
5.0'	14.1	18.6'	18.8'
6.7'	7.83	24.9'	25.2'
8.3'	5.10	30.9'	31.2'
10.0'	3.52	37.2'	37.6'

■ Vert. spread : 123.5°
■ Horiz. spread : 124.0°

70468 • CLDR14-PS25W-A-5CBN • 25 W • 3 000 K • 1 952.3 lm

Polar candela distribution



Zonal lumen summary

Zone	Lumens	% Fixture
0-30	448.6	23
0-40	741.0	38
0-60	1 346.4	69
60-90	478.0	24.5
70-100	281.7	14.4
90-120	97.0	5
0-90	1 824.4	93.4
90-180	127.9	6.6
0-180	1 952.3	100

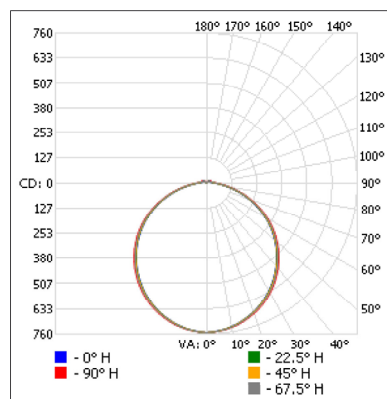
Illuminance at a distance

Center beam fc		Beam width	
1.7'	199	5.7'	6.0'
3.3'	52.7	11.0'	11.7'
5.0'	23.0	16.7'	17.8'
6.7'	12.8	22.4'	23.8'
8.3'	8.33	27.7'	29.5'
10.0'	5.74	33.4'	35.6'

■ Vert. spread : 118.2°
■ Horiz. spread : 121.3°

70470 • CLDR16-PS30W-A-5CBN • 30 W • 3 000 K • 2 324.7 lm

Polar candela distribution



Zonal lumen summary

Zone	Lumens	% Fixture
0-30	579.7	24.9
0-40	951.3	40.9
0-60	1 701.6	73.2
60-90	535.9	23.1
70-100	284.1	12.2
90-120	69.2	3
0-90	2 237.5	96.2
90-180	87.2	3.8
0-180	2 324.7	100

Illuminance at a distance

Center beam fc		Beam width	
1.7'	260	5.2'	5.5'
3.3'	69.1	10.1'	10.7'
5.0'	30.1	15.3'	16.2'
6.7'	16.8	20.5'	21.7'
8.3'	10.9	25.4'	26.9'
10.0'	7.52	30.6'	32.4'

■ Vert. spread : 113.7°
■ Horiz. spread : 116.6°

¹ Complete IES files available on our website.

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