

Individual Spec Sheet

DOUBLE RING

LED CEILING LUMINAIRE

5 CCT and 3 Power Selectable

ORDERING INFORMATION

Order Code: 70470
Model Number: CLDR16-PS30W-A-5CBN
UPC: 069549035027
Case Quantity: 6

PHYSICAL DATA

Size in. (cm): 16 (40.6)
Shape: Round
Lens Material: Polystyrene
Housing Material: Steel
Housing Finish: Brushed Nickel
Mounting: Surface

PERFORMANCE DATA

Watts (W): 18/25/30
Volts (V AC): 120
Color Temperature (K)¹: 2 700/3 000/3 500/4 000/5 000
Lumen output (lm)^{2,3}: 1 478 / 1 933 / 2 325
Efficacy (lm/W): 82 / 77 / 78
CRI: 80
Life L70 (h)⁴: > 60 000
Tested LM-80 (h)⁴: 10 000
Dimming: Phase-cut (ELV / Triac) dimming standard
Power factor: >0.9
Frequency (Hz): 60
Operating Temp. Range: -20 °C to 45 °C (-4 °F to 113 °F)

¹ Typical colour 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

Watts	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)
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

30 W / 3 000 K



COMPATIBLE ACCESSORIES

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

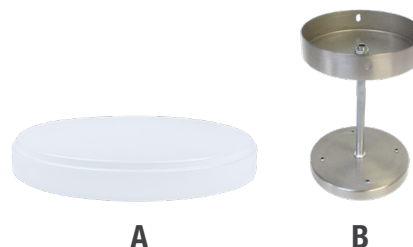
¹ Mounting plate and canopy dimension.

COMPATIBLE DIMMERS¹

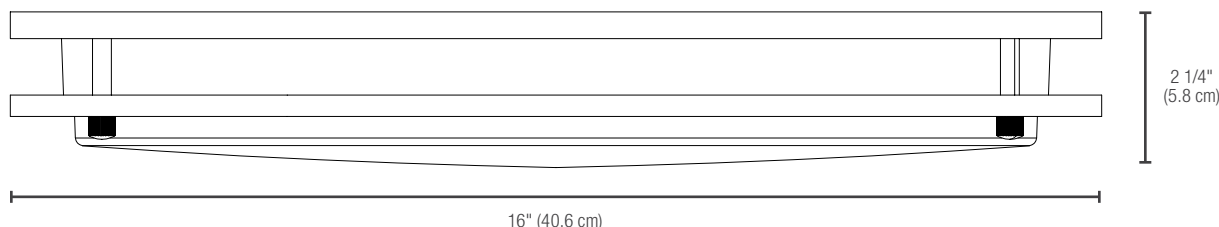
Brand	Model
COOPER	DAL06P, AAL06, SAL06P3
LEGRAND	RH730PTUTC
LUTRON	PD-6WCL, CTCL-153P, SELV-300P
LEVITON	6615, 6674, IPE04-1LZ, DDMX1

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.



DIMENSIONS AND WEIGHT

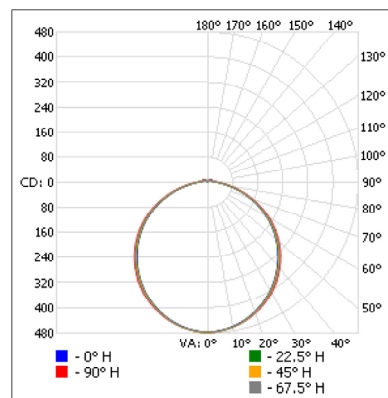


Net weight (lbs)	2.78
------------------	------

PHOTOMETRIC DATA¹

70470 • CLDR16-PS30W-A-5CBN • 18 W • 3 000 K • 1 478.5 lm

Polar candela distribution



Zonal lumen summary

Zone	Lumens	% Fixture
0-30	368.8	24.9
0-40	605.3	40.9
0-60	1 082.9	73.2
60-90	340.5	23
70-100	180.3	12.2
90-120	43.7	3
0-90	1 423.4	96.3
90-180	55.1	3.7
0-180	1 478.5	100

Illuminance at a distance

Center beam fc		Beam width	
1.7'	165	5.2'	5.5'
3.3'	43.9	10.1'	10.7'
5.0'	19.1	15.3'	16.3'
6.7'	10.6	20.4'	21.8'
8.3'	6.93	25.3'	27.0'
10.0'	4.78	30.5'	32.6'

■ Vert. spread : 113.5°
■ Horiz. spread : 116.9°

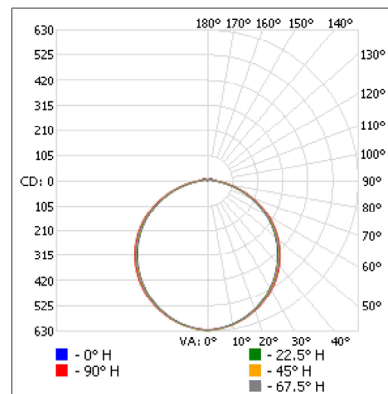
¹ Complete IES files available on our website.

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.

PHOTOMETRIC DATA¹

70470 • CLDR16-PS30W-A-5CBN • 25 W • 3 000 K • 1 933.1 lm

Polar candela distribution



Zonal lumen summary

Zone	Lumens	% Fixture
0-30	482.3	24.9
0-40	791.5	40.9
0-60	1 415.7	73.2
60-90	445.6	23.1
70-100	235.7	12.2
90-120	56.8	2.9
0-90	1 861.3	96.3
90-180	71.8	3.7
0-180	1 933.1	100

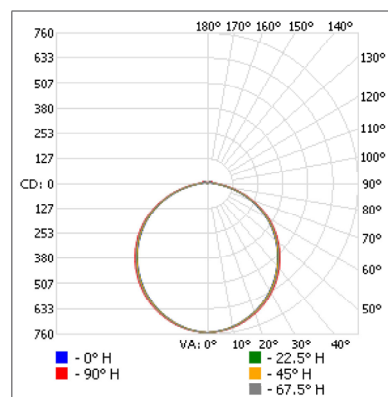
Illuminance at a distance

Center beam fc		Beam width	
1.7'	216	5.2'	5.5'
3.3'	57.4	10.1'	10.7'
5.0'	25.0	15.2'	16.2'
6.7'	13.9	20.4'	21.8'
8.3'	9.08	25.3'	27.0'
10.0'	6.26	30.5'	32.5'

Vert. spread: 113.5°
Horiz. spread: 116.8°

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.

Qty	Description	Price

I accept the specifications of the luminaire configuration mentioned above.

Name: _____

Company: _____

Signature: _____

Date: _____

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.