



Project	
Notes	
Type	Date
Cat. No.	

DCRO™ Series LED Oval Ringed Decorative Ceiling Light

DESCRIPTION

This series provides customers with a high quality luminaire utilizing the latest LED, solid-state lighting and electronic driver technology for optimal performance and maximized energy efficiency. With a traditional opal white lens, the DCRO series provides even, uniform light distribution making it an ideal choice for offices, corridors, stairways, bedroom, closet and foyers applications where customers are replacing incandescent, circline or compact fluorescent lamps. The LED-based DCRO series is a ceiling or wall mount series which can be used in a broad range of residential and commercial applications.



DCRO Series

34W, (2900) Lumens
52W, (3800) Lumens

Rated Life 50,000 hours
Limited Warranty 3-years
Efficacy Up to 73 LPW

Quick Ship
DCRO-52-120D-MCT-BN



Specification Features

Construction

Contemporary style fixture. Twin steel rings surround a milk white acrylic diffuser provides widespread and even illumination.

Qualifications

All luminaires are built to UL 1598 and 2108 standards, and bear appropriate ETL labels. Damp location labeling is standard. Emergency equipped fixtures labeled UL924. Adheres to LM70, LM80, and TM21 industry standards. ENERGY STAR® certified product (for 3000K and 4000K only). Dedicated 120V Models are FCC Title 47 CFR, Part 15, Class B for residential and commercial applications.

Warranty

3-year Limited Warranty. See warranty documentation for more information.

Electrical

Equipped with 120-277V fixed output driver operating at 60 Hz.

Installation

Designed for wall or ceiling mounting on 4" electrical J-Box.

Ordering Information

Example: DCRO-52-120D-MCT-BN

DCRO	34	MV	MCT	BN
Series DCRO LED Oval Ringed Decorative Ceiling Light	Rated Wattage 52- 52W (3800) Lumens ²	120D-120V Triac Dimming	Color Temp MCT 2700K, 3000K, 3500K, 4000K, 5000K CCT Adjustable, 90 CRI	Finish BN-Brushed Nickel ² BL-Black
Options				
		Emergency Backup	Controls	Accessories N/A

Specifications and Dimensions subject to change without notice.

Performance Summary

Input Voltage	120V
Input Frequency	50/60 Hz
Rated Wattage	See Performance Table
Delivered Lumens	See Performance Table
Efficacy	> 72.5 LPW (typ.)
CRI	90+, R9 > 0
Available CCT	3000K
Color Consistency	5-step MacAdam Ellipse
Rated Life	50,000 hours
L70 ⁶	> 72,000 hours or > 45,000 >
Power Factor	1.0
THD	< 20%
Dimming	Triac
Operating Temp.	-18°C to 40°C

Performance Data

Lens Type	Form Factor	Catalog No.	Rated Wattage (W)	Delivered Lumens	Efficacy (lm/W)
Acrylic	32"x19"		34	2,900	72.5
		DCRO-52-120D-930-NS	52	3,800	72.5

NOTES:

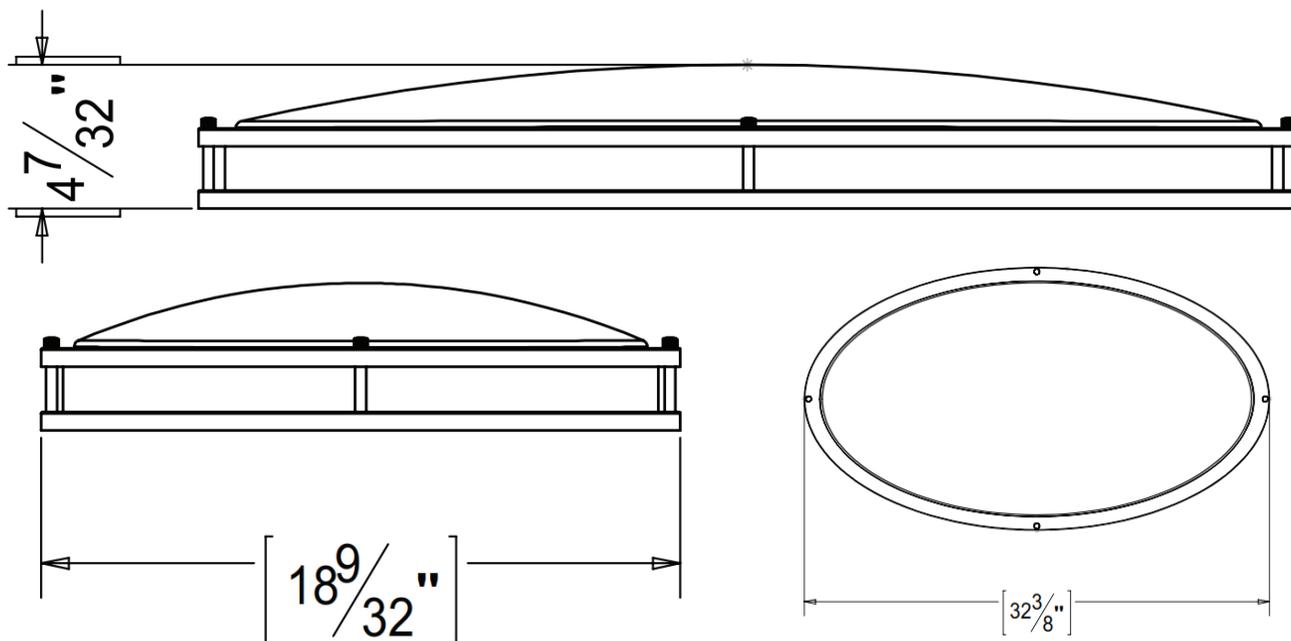
- ¹ Made to order items. Minimum 90 day lead time. Minimum 500 order quantity.
- ² Energy star listed
- ³ Quick ship: 3000K. Other CCTs may require a lead time or be special order
- ⁴ Typical color consistency. May vary or be changed.
- ⁵ L70 hours calculated based on LED package manufacturer LM80 report and ISTMT report of LED in luminaire. Stated values are for select catalog numbers. Contact manufacturer for detailed information
- ⁶ Actual performance may differ as a result of end-user environment and application. All values are design or typical values, measured under laboratory conditions at 25 °C.

Specifications and Dimensions subject to change without notice.



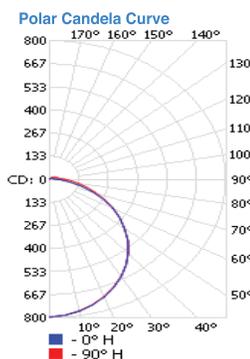
Product Dimensions

DCRO-34



Photometric Data

DCRO-34-MV-930-NS Tested in accordance to IESNA LM-79



Zone	Lumens	% Lamp	% Luminaire
0-30	615.2	23.70%	23.70%
0-40	1,010.60	38.90%	38.90%
0-60	1,808.70	69.60%	69.60%
60-90	634.4	24.40%	24.40%
0-90	2,443.10	93.90%	94%

RCC %	80				70				50			
	RW %	70	50	30	0	70	50	30	0	50	30	20
RCC: 0	1.18	1.18	1.18	1.18	1.14	1.14	1.14	0.94	1.08	1.08	1.08	
1	1.06	1.01	0.96	0.92	1.03	0.98	0.93	0.77	0.92	0.89	0.86	
2	0.96	0.87	0.8	0.74	0.93	0.85	0.78	0.64	0.8	0.74	0.7	
3	0.87	0.76	0.67	0.61	0.84	0.74	0.66	0.54	0.7	0.63	0.58	
4	0.8	0.67	0.58	0.51	0.77	0.65	0.57	0.46	0.62	0.55	0.49	
5	0.73	0.6	0.51	0.44	0.71	0.58	0.5	0.4	0.56	0.48	0.42	
6	0.67	0.54	0.45	0.38	0.65	0.52	0.44	0.35	0.5	0.42	0.37	
7	0.62	0.49	0.4	0.33	0.6	0.48	0.39	0.31	0.45	0.38	0.33	
8	0.58	0.44	0.36	0.3	0.56	0.43	0.35	0.28	0.42	0.34	0.29	
9	0.54	0.41	0.32	0.27	0.52	0.4	0.32	0.25	0.38	0.31	0.26	
10	0.51	0.37	0.29	0.24	0.49	0.37	0.29	0.23	0.35	0.28	0.24	

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