

PROJECT	NOTES	TYPE	DATE	CAT. No.
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FINISH OPTIONS ON PAGE 3



# DCRO

## LED Oval Ringed Decorative Ceiling Light

This DCRO 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 produces even and uniform light distribution and is an ideal choice for offices, corridors, stairways, bedrooms, closets, and foyer applications in both residential and commercial applications where customers are replacing incandescent, circline or compact fluorescent lamps. Capable of adjusting kelvin to five temperatures and can be ceiling or wall mounted.



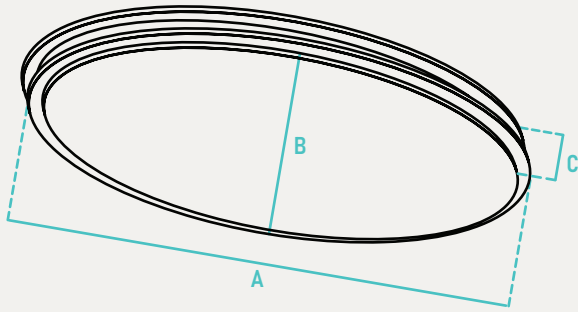
INPUT VOLTAGE	120V
INPUT FREQUENCY	60 Hz
RATED WATTAGE	See Performance Data
DELIVERED LUMENS	See Performance Data
EFFICACY	70 LPW (typ.)
CRI	90
AVAILABLE CCT	2700K, 3000K, 3500K, 4000K, 5000K
LENS TYPE	Plastic

RATED LIFE	20,000hrs (Based on 3hrs a Day)
L70	>50,000hrs
POWER FACTOR	>0.9
THD	N/A
DIMMING	Triac Dimming
OPERATING TEMP.	-4°F - 113°F / -20°C to 45°C
BEAM ANGLE	N/A

### ORDER INFO / EXAMPLE: DCRO-52-120D-MCT-BL

QUICK SHIP ITEMS ON PG.2

SERIES	RATED WATTAGE	DRIVER TYPE	COLOR TEMP	FINISH
<b>DCRO</b>	<b>52</b>	<b>120D</b>	<b>MCT</b>	<b>BN</b>
<b>DCRO</b> LED Oval Ringed Decorative Ceiling Light	<b>52- 52W, 3640 Lumens</b>	<b>120D- 120V</b> Triac Dimming	<b>MCT- 2700K, 3000K,</b> 3500K, 4000K, 5000K CT Selectable, 90CRI	<b>BL- Black</b> <b>BN- Brushed Nickel</b>



## PERFORMANCE DATA

FORM FACTOR	KELVIN	RATED WATTAGE	DELIVERED LUMENS	EFFICACY (L/M/W)
32"	27K-5K	52W	3640	70

## QUICK SHIP

DCRO-52-120D-MCT-BL

DCRO-52-120D-MCT-BN

## ADDITIONAL IMAGES



BN- Brushed Nickel



BL- Black

## RECOMMENDED DIMMERS

DVCL-153P (Lutron)

	A	B	C	Case QTY
DCRO	32.4" L	18.3" W	4.2" H	1

## CONSTRUCTION

Contemporary style fixture, twin steel rings surround a milk white acrylic diffuser providing widespread and even illumination.

## ELECTRICAL

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

## QUALIFICATIONS

All luminaires are built to UL 1598 and 2108 standards, and bear appropriate ETL labels. Wet location labeling is standard. Emergency equipped fixtures labeled UL924. Suitable for closets according to NEC Section 410.8 & 410.16. Adheres to LM70, LM80 and TM21 industry standards. Dedicated 120V Models are FCC Title 47 CFR, Part 15, Class B for residential and commercial applications.

## INSTALLATION

Designed for mounting on 4" electrical J-Box.

## WARRANTY

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

## COMPATIBLE JUNCTION BOXES



4" PVC



4" Octagon



4" PVC Ceiling Box



3-1/2" Octagon



4" Round Pancake

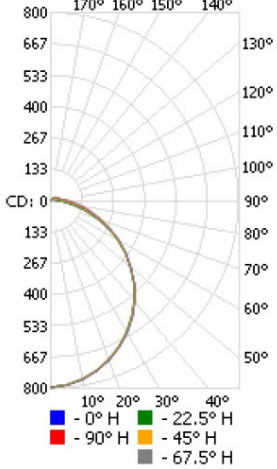


4" Octagon / V Bracket

## PHOTOMETRIC DATA

DCRO-52-120D-MCT

### Polar Candela Distribution



### Zonal Lumen Summary

Zone	Lumens	% Lamp	% Luminaire
0-30	615.2	23.7%	23.7%
0-40	1,010.6	38.9%	38.9%
0-60	1,808.7	69.6%	69.6%
60-90	634.4	24.4%	24.4%
70-100	401.1	15.4%	15.4%
90-120	123.9	4.8%	4.8%
0-90	2,443.1	93.9%	94%
90-180	155.2	6%	6%
0-180	2,598.3	99.9%	100%

### Coefficients Of Utilization - Zonal Cavity Method

RCC %:	Effective Floor Cavity Reflectance: 20%																						
	80				70				50				30				10				0		
RW %:	70	50	30	0	70	50	30	0	50	30	20	50	30	20	50	30	20	50	30	20	50	30	20
RCR: 0	1.18	1.18	1.18	1.18	1.14	1.14	1.14	.94	1.08	1.08	1.08	1.02	1.02	1.02	.96	.96	.96	.94	.94	.94	.94	.94	.94
1	1.06	1.01	.96	.92	1.03	.98	.93	.77	.92	.89	.86	.87	.84	.82	.83	.80	.78	.76	.76	.76	.76	.76	.76
2	.96	.87	.80	.74	.93	.85	.78	.64	.80	.74	.70	.76	.71	.67	.72	.68	.65	.62	.62	.62	.62	.62	.62
3	.87	.76	.67	.61	.84	.74	.66	.54	.70	.63	.58	.67	.61	.56	.63	.58	.54	.52	.52	.52	.52	.52	.52
4	.80	.67	.58	.51	.77	.65	.57	.46	.62	.55	.49	.59	.53	.48	.56	.51	.46	.44	.44	.44	.44	.44	.44
5	.73	.60	.51	.44	.71	.58	.50	.40	.56	.48	.42	.53	.46	.41	.50	.45	.40	.38	.38	.38	.38	.38	.38
6	.67	.54	.45	.38	.65	.52	.44	.35	.50	.42	.37	.48	.41	.36	.46	.40	.35	.33	.33	.33	.33	.33	.33
7	.62	.49	.40	.33	.60	.48	.39	.31	.45	.38	.33	.44	.37	.32	.42	.36	.31	.29	.29	.29	.29	.29	.29
8	.58	.44	.36	.30	.56	.43	.35	.28	.42	.34	.29	.40	.33	.28	.38	.32	.28	.26	.26	.26	.26	.26	.26
9	.54	.41	.32	.27	.52	.40	.32	.25	.38	.31	.26	.37	.30	.26	.35	.29	.25	.23	.23	.23	.23	.23	.23
10	.51	.37	.29	.24	.49	.37	.29	.23	.35	.28	.24	.34	.28	.23	.33	.27	.23	.21	.21	.21	.21	.21	.21

Made to order items. Minimum 90 day lead time. Minimum order quantity may vary please contact sales.

<sup>1</sup> DLC Listed / <sup>2</sup> DLC Premium Listed / <sup>3</sup> Title 24 / <sup>4</sup> JA8 & Title 24 / Typical color consistency. May vary or be changed.

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 Globalux for detailed information. / 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.