

PROJECT	NOTES	TYPE	DATE	CAT. No.
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MDL

LED Disk Light

The MDL Series LED disk light provides versatile lighting on standard line voltage, yet produces the high energy savings you desire from LED fixtures. The MDL series allows for easy upgrade your downlighting from the traditional recessed cans to a more modern looking, energy efficient solution. This disk light can be easily mounted onto a junction box or can be retrofitted into an existing recessed can with the optional hardware mounting adapter. Ideal for closets, storage areas, attics, corridors, or as general lighting solution for residential and commercial applications.

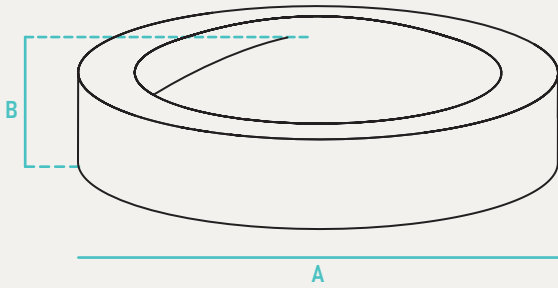


INPUT VOLTAGE	120V
INPUT FREQUENCY	60 Hz
RATED WATTAGE	See Performance Data
DELIVERED LUMENS	See Performance Data
EFFICACY	66.66 LPW (typ.)
CRI	80CRI
AVAILABLE CCT	3000K
LENS TYPE	Poly Carbonate

RATED LIFE	35,000hrs (Based on 3hrs a Day)
L70	N/A
POWER FACTOR	>0.9
THD	N/A
DIMMING	Triac Dimming
OPERATING TEMP.	-0.4°F - 104°F / 0°C to 40°C
BEAM ANGLE	120°

ORDER INFO / EXAMPLE: MDL-8-12-120D-830-BN

SERIES	DIAMETER	RATED WATTAGE	DRIVER TYPE	COLOR TEMP	FINISH
MDL	8	12	120D	830	BN
MDL LED Disk Light	8- 8"	8" Housing 12- 12W, 800 Lumens	120D- 120V Triac Dimming, 10-100%	830- 3000K, 80CRI	BN- Brushed Nickel WH- White



	A	B	CASE QTY
MDL-8	7-1/2" Dia	1-3/8" H	24

CONSTRUCTION

Die Cast Aluminum housing with diffusion lens for optimal visual comfort while providing uniform light output. Lens design and materials provide uniform appearance without pixelation.

ELECTRICAL

Equipped standard with 120V, 10-100% dimming driver.

QUALIFICATIONS

All luminaires are built to UL 1598 and 2108 standards, and bear appropriate ETL labels. Wet location labeling is standard. 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

8" models are designed for mounting on a 4" electrical J-box or 5" & 6" recessed can.

WARRANTY

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

PERFORMANCE DATA

FORM FACTOR	KELVIN	RATED WATTAGE	DELIVERED LUMENS	EFFICACY (L-M/W)
8"	3000K	12W	800	66.66

QUICK SHIP

MDL-8-12-120D-830-BN

ADDITIONAL IMAGES



RECOMMENDED DIMMERS

DVCL-153P (Lutron)

Made to order items. Minimum 90 day lead time.
 Minimum order quantity may vary please contact sales.
¹ DLC Listed / ² DLC Premium Listed / ³ Title 24 / ⁴ 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.

COMPATIBLE JUNCTION BOXES



4" PVC



4" Octagon



4" PVC Ceiling Box



3-1/2" Octagon



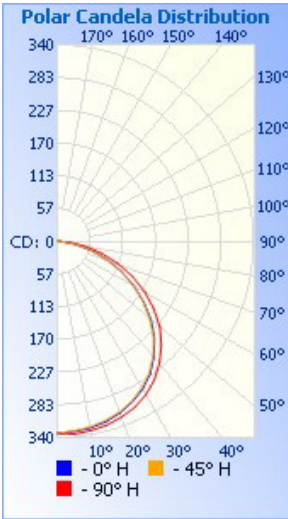
4" Round Pancake



4" Octagon / V Bracket

PHOTOMETRIC DATA

RDL-7



Zonal Lumen Summary			
Zone	Lumens	% Lamp	% Luminaire
0-30	266.3	25.7%	25.7%
0-40	444.5	42.8%	42.9%
0-60	806.5	77.7%	77.8%
60-90	227.7	21.9%	22%
70-100	96.7	9.3%	9.3%
90-120	1.1	0.1%	0.1%
0-90	1,034.2	99.6%	99.7%
90-180	2.7	0.3%	0.3%
0-180	1,036.9	99.9%	100%

Coefficients Of Utilization - Zonal Cavity Method																		
																Effective Floor Cavity Reflectance: 20%		
RCC %:	80				70				50				30				10	0
RW %:	70	50	30	0	70	50	30	0	50	30	20	50	30	20	50	30	20	0
RCR: 0	1.19	1.19	1.19	1.19	1.16	1.16	1.16	1.00	1.11	1.11	1.11	1.06	1.06	1.06	1.02	1.02	1.02	1.00
1	1.08	1.03	.99	.95	1.06	1.01	.97	.84	.97	.94	.91	.93	.90	.88	.89	.87	.85	.83
2	.98	.90	.83	.77	.96	.88	.81	.70	.84	.79	.74	.81	.76	.72	.78	.74	.71	.69
3	.89	.79	.70	.64	.87	.77	.69	.59	.74	.67	.62	.71	.65	.61	.69	.64	.60	.57
4	.82	.69	.60	.54	.79	.68	.60	.51	.66	.58	.52	.63	.57	.52	.61	.55	.51	.49
5	.75	.62	.53	.46	.73	.61	.52	.44	.59	.51	.45	.57	.50	.45	.55	.49	.44	.42
6	.69	.56	.46	.40	.67	.55	.46	.38	.53	.45	.39	.51	.44	.39	.49	.43	.39	.36
7	.64	.50	.41	.35	.62	.49	.41	.34	.48	.40	.35	.46	.40	.34	.45	.39	.34	.32
8	.60	.46	.37	.31	.58	.45	.37	.30	.44	.36	.31	.42	.36	.31	.41	.35	.30	.29
9	.56	.42	.34	.28	.54	.41	.33	.27	.40	.33	.28	.39	.32	.28	.38	.32	.27	.26
10	.52	.39	.31	.25	.51	.38	.30	.25	.37	.30	.25	.36	.30	.25	.35	.29	.25	.23

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