



Project	
Notes	
Type	Date
Cat. No.	

MDL™ Series

LED Disk Light

Description

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.



MDL Series
8" Housing
 12W (800 Lumens)

Specification Features



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 15-100% dimming driver.

Certification

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.

Rated Life 50,000 hours
 Limited Warranty 3 years
 Efficacy Up to 66 LPW
 Continuous Dimming



Warranty

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

Quick Ship

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

Ordering Information

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

MDL	8	13	120D	830	BN
Series	Diameter	Rated Wattage	Driver Type	CRI / Color Temp	Finish
MDL LED Disk Light	8- 8"	8" Housing 12- 12W (800 Lumens)	120D- 120V Dimming, Dims to 10%	830 80+ CRI, 3000K	BN- Brushed Nickel WH- White

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	> 66 LPW (typ.)
CRI	80+, R9 > 0
Available CCT ¹	3000K,4000K
Color Consistency ²	5-step MacAdam Ellipse
Rated Life	50,000 hours
L70 ³	> 72,000 hours or > 45,000 >
Power Factor	0.99
THD	< 20%
Dimming	120V Dimming(10-100%)
Operating Temp.	-18°C to 40°C

Performance Data

Lens Type	Form Factor	Catalog No.	Rated Wattage (W)	Delivered Lumens	Efficacy (lm/W)
Acrylic	8"	MDL-8-12-120D-830-BN	12	800	66

NOTES:

- ¹ Made to order items. Minimum 90 day lead time. Minimum 500 order quantity.
- ² Energy star listed
- ³ Quick ship: 3000K,4000K. 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.

