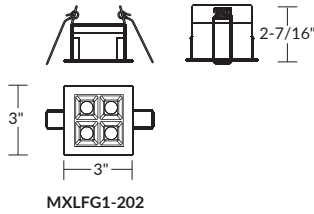


MXLFG1-202
FLANGED DOWNLIGHT, MINIATURE LINEAR LED

- Competitively priced flanged modular design
- 3000K, 3500K, and 4000K CCT
- 800 delivered lumens (8W)
- Dimming down to 1%*

Matrix recessed linear wall washes and downlights are an aesthetic and performance upgrade from traditional linear fluorescent lighting with their high efficiency, and visual comfort. Matrix is available in flanged, trimless, and adjustable configurations from 1 to 15 cells to bring elegance and flexibility in a variety of lighting applications.



MXLFG105/MXLFG110/MXLFG115 (Flanged Frame)

Ordering Example: MXLFG1-202WBUE-D10-B30-T27

MXLFG1-202

Driver/Frame	Cell Finish	Trim Finish	Dimming	Beam Spread	CCT
4-Cell Downlight 800lm (8W)	MXLFG1-202				
	Black B		0-10V Dimming (120V/277V)	15° Narrow Spot -B15	2700K, 90 CRI -T27
	White W			30° Narrow Flood -B30	3000K, 90 CRI -T30
	Silver S		2-Wire INC/ 3-Wire ELV (120V)	40° Flood -B40	3500K, 90 CRI -T35
	Custom CSTM				4000K, 90 CRI -T40
	Trim Finish				
	Black B				
	White W				

*Tested with Lutron Skylark SELV-300P & Maestro MAELV-600 Dimmers.

SPECIFICATION

Applications

Matrix recessed linear wall washes and downlights are available in flanged, trimless, and adjustable configurations from 1 to 15 cells, to bring quiet elegance and contemporary sophistication to governmental, educational, commercial, hospitality and retail lighting applications.

Housing

Extruded aluminum with flanged trim in black, white, or silver high-quality powder coat finish for maximum durability. Custom colors are available. Contact factory. Torsion spring clips at each end of the housing secure the fixture to sheetrock ceiling. (-CH) Chicago Plenum option is available. Contact factory. **Housing is not insulation contact (IC) rated.**

Reflectors

A series of 1.4" square cells hold single LED diodes that provide excellent visual cut off with a very comfortable Unified Glare Rating (UGR) of less than 10. Cell Finish is available in black, white or silver finish. Custom colors are available. Contact factory.

LED Details

Color Temperature - Osram LEDs are binned to 3-step MacAdam ellipses within the ANSI C78 377A standard for color temperature and chromaticity ranges light binning allowance. 90 CRI standard.

Lumen Maintenance - Minimum 50,000 hours L70 life based on ANSI TM-21 calculations from LM80 standardized test results.

Dimming Details

Driver - Externally mounted. Highly efficient 24V DC with a power factor up to 0.99. 120V/277V AC for any residential or commercial applications.

Dimming - Superior PWM dimming technology compatible with many models of Triac, ELV, and 0-10V forward and reverse phase dimmers, and on/off switches.

(UE-D10) 0-10V dimming option dims down to 1% and works with most 120V/277V 5-wire, 0-10V dimmers.

(-DIN) dimming option smoothly dims down to 10% of initial light output with flicker-free performance when tested with Lutron Skylark SELV-300P and Maestro MAELV-600 dimmers. Works with standard 120V incandescent dimmers.

Thermal Management - Effective thermal management facilitated by integral extruded aluminum heat sink design for maximum heat dissipation to provide long LED life.

Certifications and Listings

ETL/cETL listed to UL1598 and UL8750. Suitable for dry and damp locations. NYC approved: Calendar #41937.

Warranty

Covered by a 5-Year Warranty to be free of defects in materials and craftsmanship. Recommended for applications where ambient temperatures do not exceed 35°C. Installations exceeding this temperature will result in reduced LED lamp life and a voided warranty.