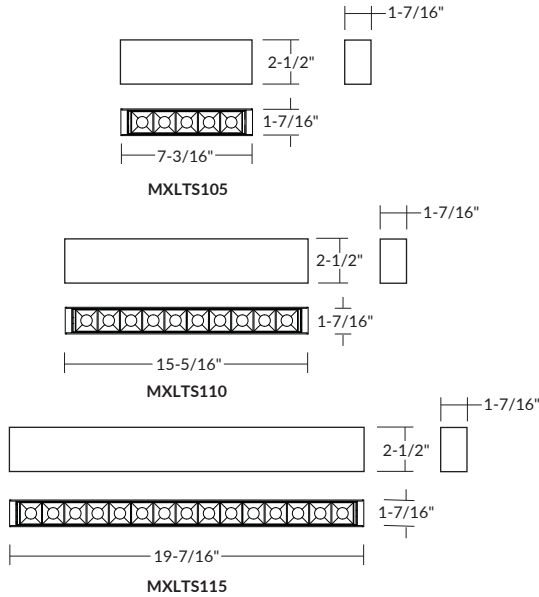


MXSRF1-105/1-110/1-115
SURFACE MOUNT, MINIATURE LINEAR LED

- Competitively priced surface mount modular design
- 2700K, 3000K, 3500K, and 4000K CCT
- 1000-3000 delivered lumens (11W-33W)
- Dimming down to 1%*



Matrix linear surface mount downlights are an aesthetic and performance upgrade from traditional linear fluorescent lighting with their high efficiency, and visual comfort. Matrix is available in 5 to 15 cell configurations to bring elegance and flexibility in a variety of lighting applications.



MXSRF1-105/MXSRF1-110/MXSRF1-115 (Surface Mount) Downlight

Ordering Example: MXSRF1-115BUE-D10-B30-T27-RMT-EC61

MXSRF1-115

Driver/Frame	Cell Finish	Housing Finish	Dimming	Beam Spread	CCT	Power Feed Method
Driver/Frame	Cell Finish	Housing Finish	Dimming	Beam Spread		
5-Cell, MXSRF1-105 1000lm (11W)	Black B White W	Black B White W	0-10V Dimming UE-D10 (120V/277V)	15° Narrow Spot -B15 30° Narrow Flood -B30 40° Flood -B40		
10-Cell, MXSRF1-110 2000lm (22W)	Silver S Custom CSTM		2-Wire INC/ 3-Wire ELV (120V)			
15-Cell, MXSRF1-115 3000lm (33W)						

CCT	Power Feed Method
2700K, 90 CRI -T27	End Cap Powered -RMT-EC61 (Remote)
3000K, 90 CRI -T30	
3500K, 90 CRI -T35	120V/277V (Integral -JBX-96UE with Conduit Entry)
4000K, 90 CRI -T40	

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

SPECIFICATION

Applications

Matrix linear surface mount downlights are an aesthetic and performance upgrade from traditional linear fluorescent lighting with their high efficiency, and visual comfort. Matrix is available in 5 to 15 cell configurations to bring elegance and flexibility in a variety of lighting applications.

Housing

Extruded aluminum housing designed to secure to sheetrock wood or concrete ceiling surfaces. Available in black or white finish. **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 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.

Electrical Components

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, MLV, forward and reverse phase dimmers, and on/off switches.

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

(-DIN) dimming option smoothly dims down to 1% 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.

Power Feed Methods

End Cap Powered Remote (-RMT-EC61). 120V/277V 96W On-Board Integral Power Supply (-JBX-96UE)

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.