TYPE _____ PROJECT _____
CATALOG#_____

MCTSRF : 1.5" SURFACE
MODULAR AC SLOT

The 1.5" **Line voltage AC** surface mounted slot system designed to fit together like building blocks. The system is perfect for minimalist spaces with a variety of lighting elements. Linear and multi-celled modules provide general ambient and task lighting, where spot lights, pendants and color-changing RGB+W modules provide accent lighting to create drama within any space. LED modules available to achieve spotlighting or general downlighting.

3-1/8"   3-7/16"   1-7/16"
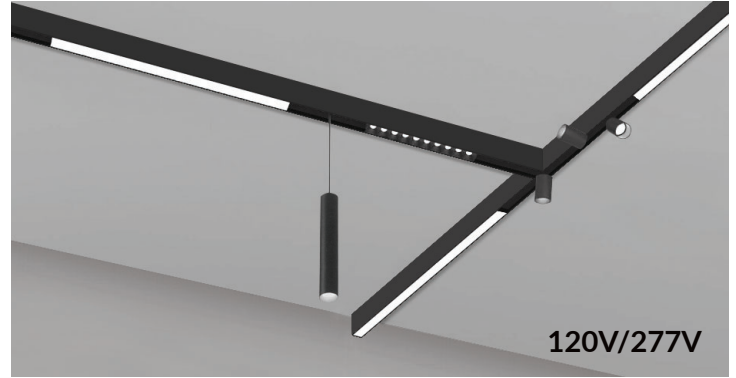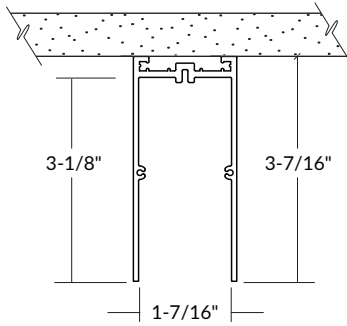
120V/277V

SLOT ORDERING – Example: MCTSRF-48B-RMT-TR

Declare.

MCTSSRF

Mounting Track	Length	Finish	Power Feed Method

| Length		Finish	
2' Slot	**-24**	Black	**B**
4' Slot	**-48**	White	**W**
6' Slot	**-72**	Custom	**CSTM**[1]
8' Slot	**-96**		

POWER FEED (Explained)

On-Board Integral
Initial Starter Slot.
120V/277V feed allows for below ceiling access.

Adjacent Slot
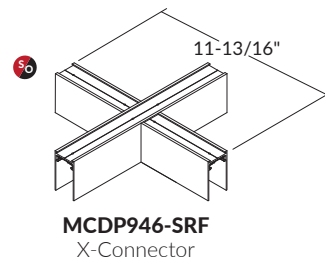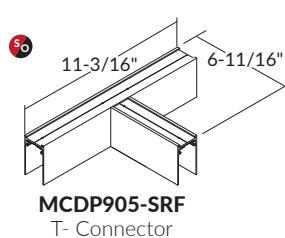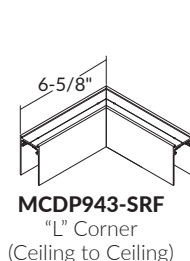Intermediate Slot.
Includes connector to attach adjacent slot. (Mechanical hardware to connect to previous run is included.)

← 120V/277V AC (6 AMPS Max) PER CIRCUIT

120V or 277V

Check Light ⓢ

End Caps included on all Runs
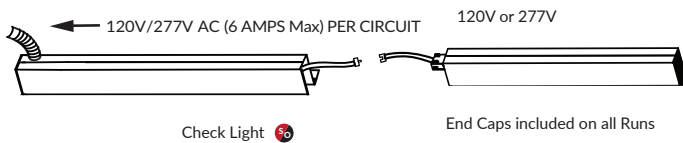
AVAILABLE CORNERS/CONNECTORS

Corners are available for 90° turns in the same plane or transitioning from ceiling to wall. Corners feed a module in both directions without the need of new power feed.

6-5/8"

MCDP943-SRF
"L" Corner
(Ceiling to Ceiling)

11-3/16"   6-11/16"

MCDP905-SRF
T- Connector

11-13/16"

MCDP946-SRF
X-Connector

[1] Contact factory.

ⓢ Special order item. Extended lead time.

2024.01.22

SPECIFICATION

Applications

Minimalistic architectural extruded AC lighting channel mounts to ceiling or wall surfaces. Can be equipped with a wide range of LED modules.

Designed for low to medium ceiling heights in retail, hospitality, commercial and high-end residential applications that benefit from zero sight line linearity and symmetry in modern interior lighting designs.

Extrusion Housing

Surface inserted during post-construction of ceiling/wall.

Mounting

Mounts directly to ceiling and wall surfaces.

Accessories

All extrusions shipped with specified power feed connector, extruded conductor cover. Corners and other accessories not included.

LED Details

Color Temperature - OSRAM or Cree® LEDs 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

Power

Line voltage busway with integral junction box for entry with either (1) 1/2" K.O and/or (1) Romex opening. Available with 2-circuit operation. Consult factory.

Thermal Management

Effective thermal dissipation facilitated by integral extruded aluminum heat sink design for maximum heat rejection to provide long LED life.
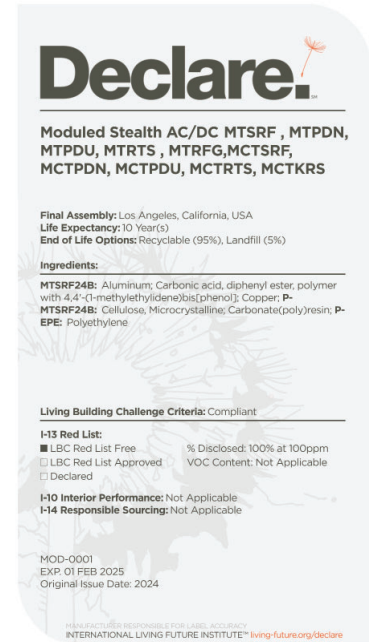
Certifications and Listings

ETL/cETL listed to UL1598 and UL8750. Suitable for dry and damp locations. NYC approved: Calendar #41937. MM2, MM2D, and MM2P modules are California Title 24/JA8 approved. Declare Listed and Red List Free.

Red List Free

ModuLED Stealth carries the Declare Label identifying our Stealth track system as Red List Free per review by the International Living Future Institute acknowledging sustainable and transparent manufacturing practices. This certification reports on the ecological impact the product will have over it's lifecycle as well as end of life taking into account materials, shipping, and recyclability

For further information, please visit:

Declare.

Moduled Stealth AC/DC MTSRF , MTPDN, MTPDU, MTRTS , MTRFG,MCTSRF, MCTPDN, MCTPDU, MCTRTS, MCTKRS

Final Assembly: Los Angeles, California, USA
Life Expectancy: 10 Year(s)
End of Life Options: Recyclable (95%), Landfill (5%)

Ingredients:

MTSRF24B: Aluminum; Carbonic acid, diphenyl ester, polymer with 4,4'-(1-methylethylidene)bis[phenol]; Copper; **P-MTSRF24B:** Cellulose, Microcrystalline; Carbonate(poly)resin; **P-EPE:** Polyethylene

Living Building Challenge Criteria: Compliant

I-13 Red List:
■ LBC Red List Free   % Disclosed: 100% at 100ppm
□ LBC Red List Approved   VOC Content: Not Applicable
□ Declared

I-10 Interior Performance: Not Applicable
I-14 Responsible Sourcing: Not Applicable

MOD-0001
EXP. 01 FEB 2025
Original Issue Date: 2024

MANUFACTURER RESPONSIBLE FOR LABEL ACCURACY
INTERNATIONAL LIVING FUTURE INSTITUTE™ living-future.org/declare

Caution

Power supply must be grounded in accordance with national, state and/or local electrical codes. Failure to do so may result in serious personal injury.

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.
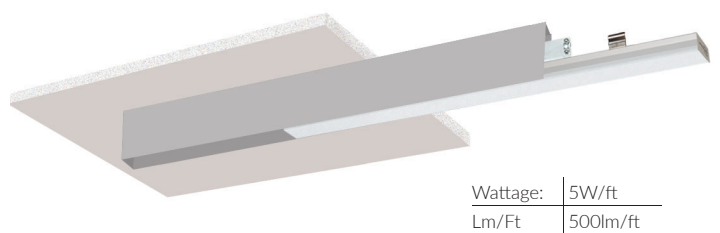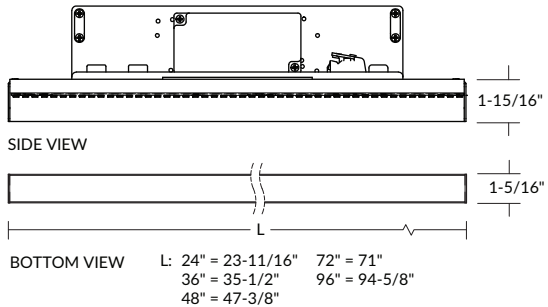
Cree® is a registered trademark of Cree, Inc.

ILLUMINATED MODULES:

MC1 Linear Diffused (Static White)

Ordering Example: MC124B-T27UE-D10

- Pixel free illumination
- Two lumen options
- Warm dimming option
- 1000lm-4000lm

Length		Finish		Driver		CCT	
2'	**MC124**	Black	**B**	120V Phase Dimming	**Blank**	2700K, 90 CRI	**-T27**
3'	**MC136**	White	**W** so	120V/277V 0-10V Dimming	**UE-D10**	3000K, 90 CRI	**-T30**
4'	**MC148** so					3500K, 90 CRI	**-T35**
6'	**MC172** so			UniDim™ 120V/277V 0-10V ELV and Triac Dimming	**UE-DUN**	4000K, 90 CRI	**-T40**
8'	**MC196** so						

SIDE VIEW
1-15/16"

BOTTOM VIEW
1-5/16"
L

L: 24" = 23-11/16" 72" = 71"
36" = 35-1/2" 96" = 94-5/8"
48" = 47-3/8"

Wattage:	5W/ft
Lm/Ft	500lm/ft

MC1 Linear Diffused (RGB +W)

Ordering Example: MC124B-RGBW-BT

- Bluetooth or DMX compatability
- 1 million plus colors available
- Achieve Pastel colors

Length		Finish		Dimming	
2'	**MC124**	Black	**B**	Basic Bluetooth Control	**-RGBW-BT**
3'	**MC136**	White	**W** so		
4'	**MC148** so			Hardwire PWM Dimming	**-RGBW-PWM**
6'	**MC172** so				
8'	**MC196** so				

SIDE VIEW
1-15/16"

BOTTOM VIEW
1-5/16"
L

L: 24" = 23-11/16" 72" = 71"
36" = 35-1/2" 96" = 94-5/8"
48" = 47-3/8"

RGBW
Bluetooth®

Wattage:	5W/ft
Lm/Ft	500lm/ft

so Special order item. Extended lead times apply.

ILLUMINATED MODULES:

MC2 Downlight Directed (Louvered)

Ordering Example: MC212B-B40-T30

- Multiple beam spread options
- Glare free illumination
- Minimal 1" square

Length

12", 2000lm (22W)	**MC212**
18", 3000lm (33W)	**MC218**

Finish

Black	**B**
White	**W**

Driver

120V Phase Dimming	**Blank**
120V/277V 0-10V Dimming	**UE-D10**
UniDim™ 120V/277V 0-10V ELV and Triac Dimming	**UE-DUN**

Beam Spread

15° Narrow Spot	**-B15**
30° Flood	**-B30**
40° Wide Flood	**-B40**

CCT

2700K, 90 CRI	**-T27**
3000K, 90 CRI	**-T30**
3500K, 90 CRI	**-T35**
4000K, 90 CRI	**-T40**

3-1/16"
1-1/2"

12" SIDE VIEW

Locking Mechanism

10-11/16"

12" BOTTOM VIEW

1-3/16" sq. TYP.

15-7/8"

1-3/8"

18" BOTTOM VIEW

MC3 Adjustable Spot

Ordering Example: MM315B-B20-T27-LVR
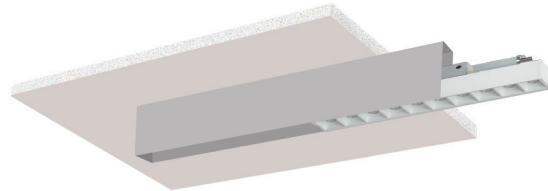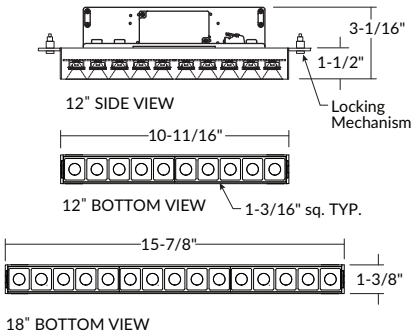
- Regressed LED optic for low glare
- Fully Adjustable

Lumens

1500lm (15W)	**MC315**

Finish

Black	**B**
White	**W**

Driver

120V Phase Dimming	**Blank**
120V/277V 0-10V Dimming	**UE-D10**
UniDim™ 120V/277V 0-10V ELV and Triac Dimming	**UE-DUN**

Beam Spread

10° Narrow Spot	**-B10**
20° Spot	**-B20**
40° Flood	**-B40**
40° x 70° Asymmetric	**-B4070**

CCT

2700K, 90 CRI	**-T27**
3000K, 90 CRI	**-T30**
3500K, 90 CRI	**-T35**
4000K, 90 CRI	**-T40**

Options

Louver	**-LVR**
Soft Focus Lens	**-SFL**
Red Filter	**-ML39**
Yellow Filter	**-ML40**
Blue Filter	**-ML41**
Amber Filter	**-ML42**
Green Filter	**-ML43**

330° Rotation

1-5/16"

6-3/16"

4"

Ø 2"

13-3/8"

2-5/16"

5-1/2"

4"

90°+ Tilt
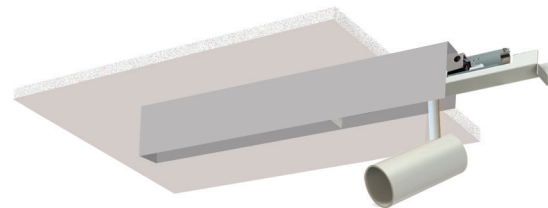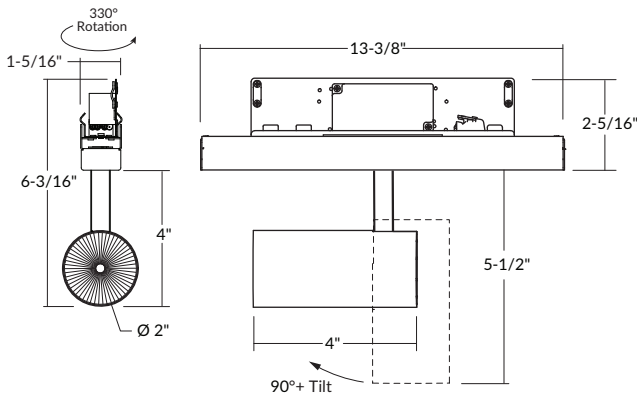
ILLUMINATED MODULES:
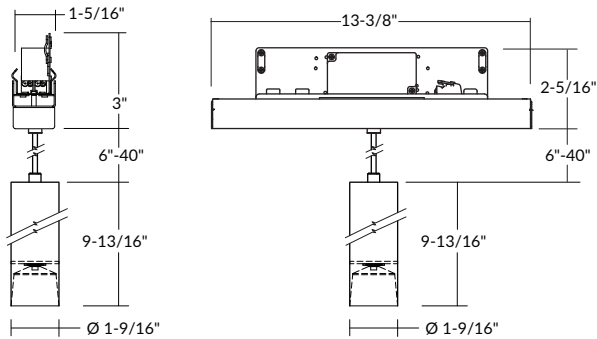
MC4 Pendant Spot

Ordering Example: MC407B-B20-T27

- Adjustable metallic cord
- Regressed LED for low glare

Lumens
650lm (7W) **MC407**
1400lm (13W) **MC413**

Finish
Black **B**
White **W**

Driver
120V Phase Dimming	**Blank**
120V/277V 0-10V Dimming	**UE-D10**
UniDim™ 120V/277V 0-10V ELV and Triac Dimming	**UE-DUN**

Beam Spread
10° Narrow Spot **-B10**
20° Spot **-B20**
40° Flood **-B40**

CCT
2700K, 90 CRI **-T27**
3000K, 90 CRI **-T30**
3500K, 90 CRI **-T35**
4000K, 90 CRI **-T40**

1-5/16"
3"
6"-40"
9-13/16"
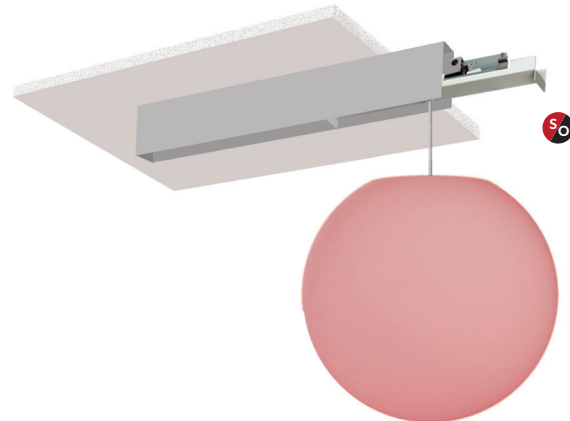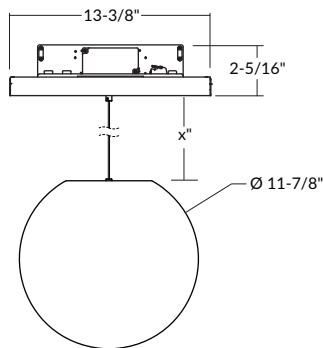Ø 1-9/16"

13-3/8"
2-5/16"
6"-40"
9-13/16"
Ø 1-9/16"

MC6BL Frosted Globe (RGB +W)

Ordering Example: MC6BL-RGBW-BT

- Bluetooth or DMX compatability
- 1 million plus colors available
- Achieve Pastel colors

Size
12" Dia. **MC6BL**

Dimming
Basic Bluetooth Control	**-RGBW-BT**
Hardwire PWM Dimming	**-RGBW-PWM**

RGBW   **Bluetooth**

13-3/8"
2-5/16"
x"
Ø 11-7/8"

NOTE: MC6BL Frosted Globe is not compatible with DALI.

Special order item. Extended lead time.

MODULED | **STEALTH**

ILLUMINATED MODULES

MC6PD LumenPad Pendant
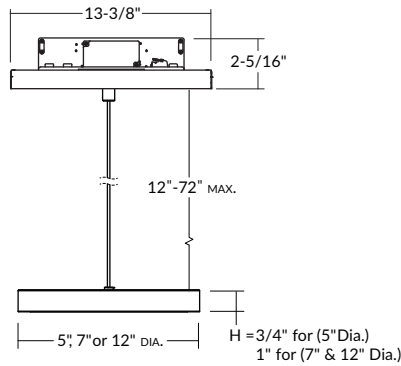
Ordering Example: MC6PD12W-24-T27

- 90 CRI Color Rendering
- Polycarbonate Frosted White Lens

Fixture
LumenPad Pendant **MC6PD**

Size (DIA.)
5", 1000lm (11W)	**05**
7", 1300lm (14W)	**07**
12", 2000lm (22W)	**12**
18" 2900lm (42W)	**18**

Finish
Black	**B**
White	**W**

Driver
120V Phase Dimming	**Blank**
120V/277V 0-10V Dimming	**UE-D10**

Cord Length
12"	**-12**
24"	**-24**
36"	**-36**
48"	**-48**
60"	**-60**
72"	**-72**

CCT
2700K, 90 CRI	**-T27**
3000K, 90 CRI	**-T30**
3500K, 90 CRI	**-T35**
4000K, 90 CRI	**-T40**

13-3/8"
2-5/16"
12"-72" MAX.
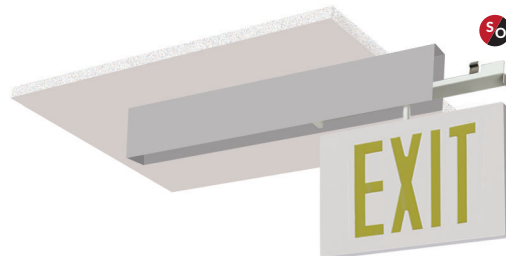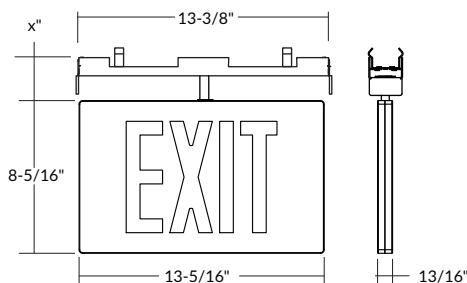5", 7"or 12" DIA.
H =3/4" for (5"Dia.)
1" for (7" & 12" Dia.)

MCEXT Exit Signage

Ordering Example: MCEXT00-1B

- Maintenance free
- No lamps or batteries
- No wiring needed
- 25-year life expectancy

Fixture
Self-Luminescent Exit Sign **MCEXT**

Length
No Stem	**00**
12" Stem	**12***
24" Stem	**24***
36" Stem	**36***
48" Stem	**48***

Single/Double
Single Side	**-1**
Double Sided	**-2**

Finish
Black	**B**
White	**W**

x"
13-3/8"
8-5/16"
13-5/16"
13/16"

EXIT

s/o Special order item. Extended lead time.