

Standard Output Dimmable LED Linear Flex System.

SUPERFLEX HCRI provides high quality and consistent light in a low profile package. Custom lengths are made simple with designated cutting points. A self-adhesive 3M backing and push to fit connectors are designed for a quick and simple installation. SUPERFLEX HCRI is the perfect solution for interior applications requiring high light output while maintaining a low profile. Applications include cove, display, architectural accents, cabinet, and back lighting. See MODA Metal [®] for extrusion options.



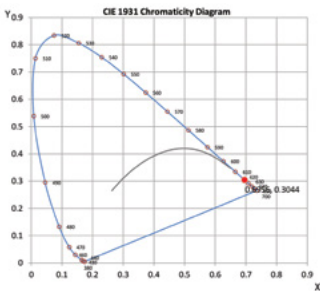
OUTPUT

| | |
|--------------------------|--|
| Delivered Lumens | 24.49 lm / ft |
| CCT & SDMC | N/A |
| Chromaticity Coordinates | x: 0.6956 y: 0.3044 u: 0.5287 v: 0.5207 |
| Color Bin Tolerance | N/A |
| Efficacy (lm/W) | 5.16 |
| CRI | N/A |
| Lumen Maintenance | 70,000 Hours L70 @ 25°C 90,000 Hours L50 @ 25°C 50,000 Hours L70 @ 50°C 70,000 Hours L50 @ 50°C |
| Testing Data | Light Data LM-79-08 & LM-80-08 |

ELECTRICAL

| | |
|-------------------|--|
| Input Voltage | 12V DC |
| Power Consumption | 4.75W per ft (0.09A)* |
| Power Factor | ≤ 1 |
| Control | 100-277V 0-10V & Magnetic Low Voltage <small>* Varies based on run and driver</small> |

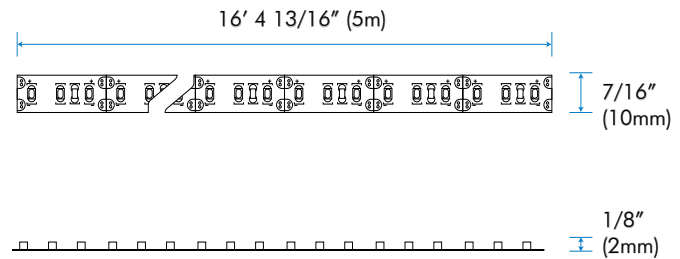
CIE 1931 CHROMATICITY DIAGRAM



PHYSICAL

| | |
|-----------------------|--|
| Applications | Cabinet, Cove, Display, Niches, Perimeter Lighting |
| Dimensions | Length 16' 4 13/16" (5m) Width 7/16" (10mm) Height 1/8" (2mm) |
| LED Spacing | 1/4" (6mm) |
| Cutting Distance | 1" (25mm) |
| Weight | 6.4oz (181.4g) Per Reel |
| Construction | Constant Voltage Design Protects LEDs And Prolongs Life. White FPCB Inside a Silicone Sleeve |
| Thermal Management | N/A |
| Optics | N/A |
| Fixture Connections | Solder joints |
| Operating Temperature | -22°F ~ 122°F (-30°C ~ 70°C) |
| Storage Temperature | -40°F ~ 176°F (-40°C ~ 80°C) |
| Humidity | 0-95% Non Condensing |

DIMENSIONS



MODA TECHNOLOGY

moda**HIGH CRI**
moda**PHOSPHOR**[™]

STANDARDS & CERTIFICATIONS



RoHS

LM
79

LM
80

5
YEAR
WARRANTY

Project Name:

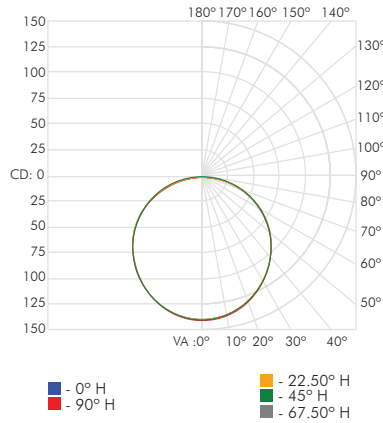
Notes:

ILLUMINANCE AT A DISTANCE

| | Center Beam FC | Beam Width |
|---------|----------------|-----------------|
| 2.0 ft | 1.99 fc | 7.0 ft 6.8 ft |
| 4.0 ft | 0.50 fc | 14.0 ft 13.6 ft |
| 6.0 ft | 0.22 fc | 21.0 ft 20.5 ft |
| 8.0 ft | 0.12 fc | 27.9 ft 27.3 ft |
| 10.0 ft | 0.08 fc | 34.9 ft 34.1 ft |
| 12.0 ft | 0.06 fc | 41.9 ft 40.9 ft |

■ Vert. Spread: 120.4°
■ Horiz. Spread: 119.2°

POLAR CANDELA DISTRIBUTION



ZONAL LUMEN SUMMARY

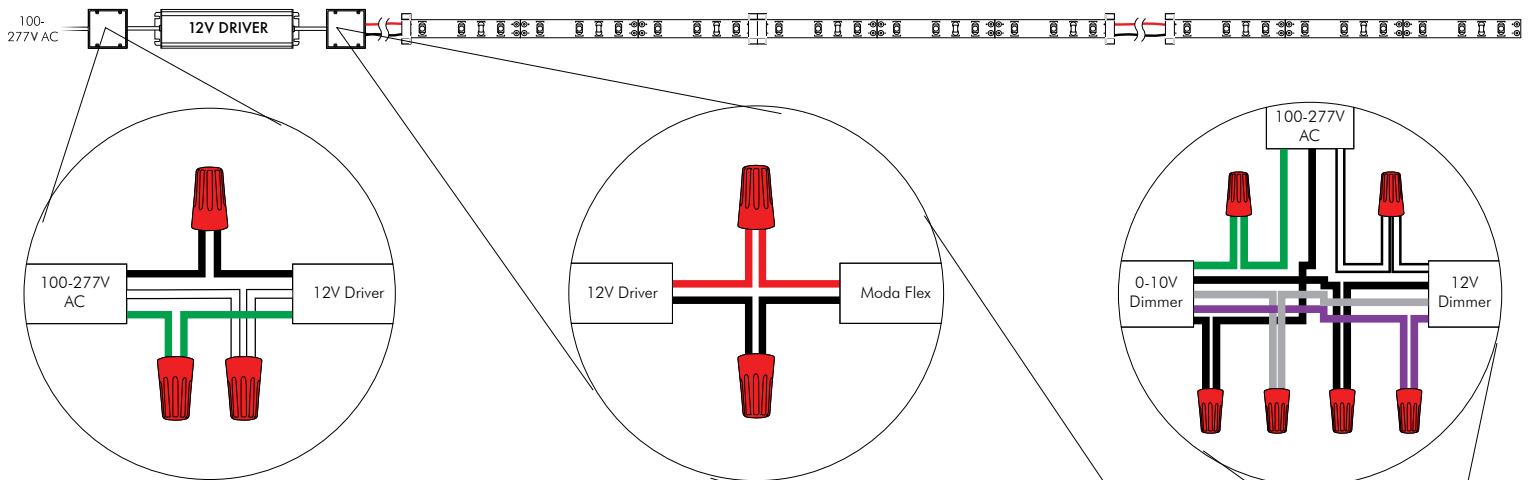
| Zone | Lumens | % Lamp | % Fixt |
|--------|--------|--------|---------|
| 0-30 | 6.27 | N.A. | 25.60% |
| 0-40 | 10.38 | N.A. | 42.40% |
| 0-60 | 18.88 | N.A. | 77.10% |
| 60-90 | 5.10 | N.A. | 20.80% |
| 0-90 | 24.49 | N.A. | 100.00% |
| 90-180 | 0.00 | N.A. | 0.00% |
| 0-180 | 24.49 | N.A. | 100.00% |

LUMENS PER ZONE

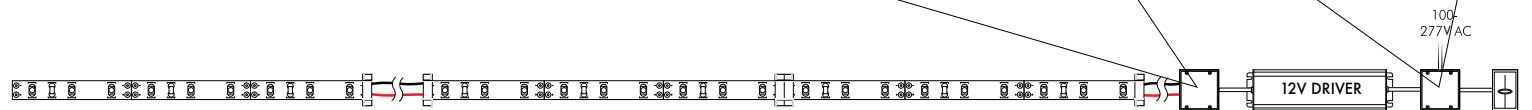
| Zone | Lumens | % Lamp | % Fixt |
|--------|--------|--------|--------|
| 0-10 | 0.75 | N.A. | 3.06% |
| 10-20 | 2.17 | N.A. | 8.86% |
| 20-30 | 3.34 | N.A. | 13.64% |
| 30-40 | 4.12 | N.A. | 16.82% |
| 40-50 | 4.40 | N.A. | 17.97% |
| 50-60 | 4.11 | N.A. | 16.78% |
| 60-70 | 3.23 | N.A. | 13.19% |
| 70-80 | 1.87 | N.A. | 7.64% |
| 80-90 | 0.50 | N.A. | 2.04% |
| 90-100 | 0.00 | N.A. | 0.00% |

WIRING

UL / cUL Non-dimming



UL / cUL ELV Dimming



WIRING LEGEND

| | | |
|---|---|---|
| Power (100-277V AC) | UL/cUL | 12V Driver |
| — Power Positive | — Power Positive | — Power Positive |
| — Power Negative | — Power Negative | — Power Negative |
| — Ground | | — Ground |
| | | — Data Positive |
| | | — Data Negative |

MAX CONTINUOUS RUN

| | |
|-------------|------|
| 60W Driver | 9ft |
| 100W Driver | 16ft |
| 132W Driver | 20ft |
| 150W Driver | 24ft |

ACCESSORIES



MRTA35
10' LEADER CABLE

Connects SUPERFLEX HCRI to Power Supply

L: 3/5" (15mm)
W: 1/5" (6mm)
H: 1/10" (10mm)



MRTA34
EZ - CONNECTOR

Connects Two SUPERFLEX HCRI Together

L: 3/5" (15mm)
W: 2/5" (10mm)
H: 1/10" (2mm)



MRTA38
4" EZ - CONNECTOR

Connects Two SUPERFLEX HCRI Together and
Allows for Flexible Corner Bends

L: 1/2" (13mm)
W: 1/5" (6mm)
H: 1/10" (2mm)

12V 0-10V Dimming Drivers



MP05
347V AC

60W - IP66

L: 9 7/16" (240mm)
W: 1 3/4" (43mm)
H: 1 5/16" (32mm)



MP18N
100 - 277V AC

60W - IP66

L: 9 7/16" (240mm)
W: 1 3/4" (43mm)
H: 1 5/16" (32mm)



MP86
100 - 277V AC

100W - IP66

L: 9 1/2" (241mm)
W: 2 5/16" (58mm)
H: 1 1/2" (37mm)



MP88
100 - 277V AC

150W - IP66

L: 9 1/2" (241mm)
W: 2 5/8" (67mm)
H: 1 5/8" (40.5mm)

12V Non Dimming Drivers



MP16
100 - 277V AC

132W - IP67

L: 8 3/4" (222mm)
W: 2 3/4" (68mm)
H: 1 1/2" (39mm)

STANDARDS & CERTIFICATIONS

| | |
|----------------------|--|
| Certification | Tested to UL & CSA by ETL For Use in USA & CANADA, Complies with California Title 24 Requirements, Lighting Facts. Exceeds ANSI C78.377A, CE & RoHS Compliant. |
| Class | 3 |
| Environment | Dry Location - IP20 |
| Warranty | 5 Year Limited Warranty |

ORDERING

SPF-R