

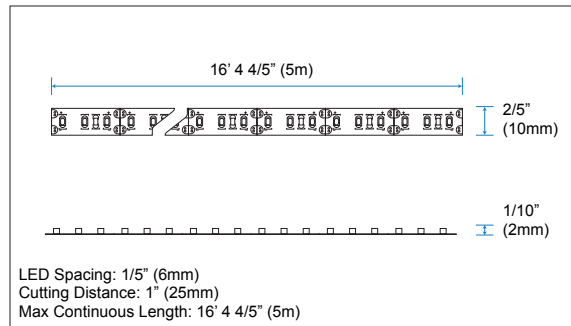
SPECIFICATION

Super High Output Dimmable LED Linear Flex System:

SUPERFLEX 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 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.

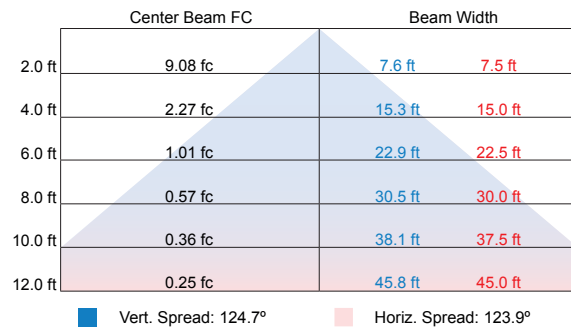


Dimensions:



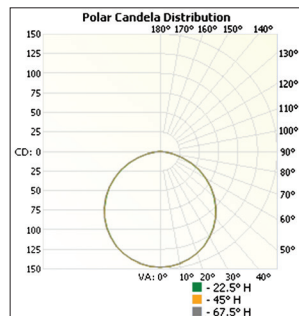
Illuminance at a Distance: Data Shown for 120°

(For lux multiply fc by 10.7)



Polar Candela Distribution:

Data Shown for 120°



Lumens per Zone:

| Zone | Lumens | % Total |
|--------|--------|---------|
| 0-10 | 3.45 | 2.90% |
| 10-20 | 10.02 | 8.44% |
| 20-30 | 15.61 | 13.15% |
| 30-40 | 19.58 | 16.49% |
| 40-50 | 21.36 | 17.99% |
| 50-60 | 20.45 | 17.22% |
| 60-70 | 16.34 | 13.76% |
| 70-80 | 9.43 | 7.94% |
| 80-90 | 2.50 | 2.04% |
| 90-100 | 0.00 | 0.00% |

Output:

| | |
|------------------------|--|
| Delivered Lumens | 118.74 lm / ft |
| CCT | N/A |
| Chromaticity Ordinates | x: 0.1306 y: 0.6947 u: 0.0472 v: 0.5645 |
| Color Bin Tolerance | N/A |
| Efficacy (lm/w) | 25.00 |
| Wavelength | 523nm |
| 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 / ft (0.09A) - Varies based on length of run & driver |
| Power Factor | ≤ 1 |
| Dimming | 100-277v 0-10v & Magnetic Low Voltage |
| Emergency | N/A |

Physical:

| | |
|-----------------------|---|
| Applications | Cabinet, Cove, Display, Niches, Perimeter Lighting |
| Dimensions | Length 16' 4 4/5" (5m) Width 2/5" (10mm) Height 1/10" (2mm) |
| Weight | 6.4 oz (181.4g) |
| Construction | Constant Voltage Design Protects LEDs And Prolongs Life. White FPCB |
| Thermal Management | N/A |
| Optics | N/A |
| Fixture Connections | Push To Fit Connectors |
| 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 |

| | | | |
|---------------|--|--|--|
| Project Name: | | | |
| Notes: | | | |

SPECIFICATION

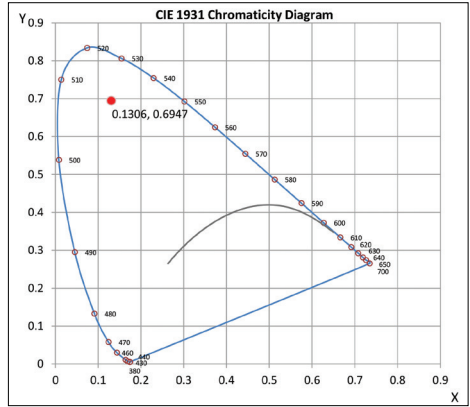
Zonal Lumen Summary:

| Zone | Lumens | % Lamp | % Fixt |
|--------|--------|--------|--------|
| 0-30 | 29.09 | N.A. | 24.50% |
| 0-40 | 48.66 | N.A. | 41.00% |
| 0-60 | 90.48 | N.A. | 76.20% |
| 60-90 | 25.76 | N.A. | 21.70% |
| 0-90 | 118.74 | N.A. | 100% |
| 90-180 | 0.00 | N.A. | 0.00% |
| 0-180 | 118.74 | N.A. | 100% |

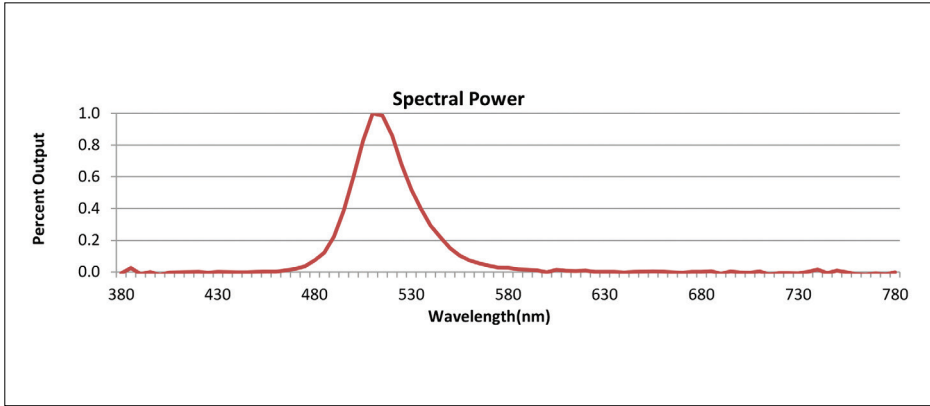
Luminance Data (cd/sq.m):

| Angle in Degrees | Average 0-Deg | Average 45-Deg | Average 90-Deg |
|------------------|---------------|----------------|----------------|
| 45 | 22052 | 22268 | 21964 |
| 55 | 22518 | 22824 | 22212 |
| 65 | 21803 | 22647 | 21575 |
| 75 | 18763 | 19922 | 18522 |
| 85 | 12793 | 13443 | 12144 |

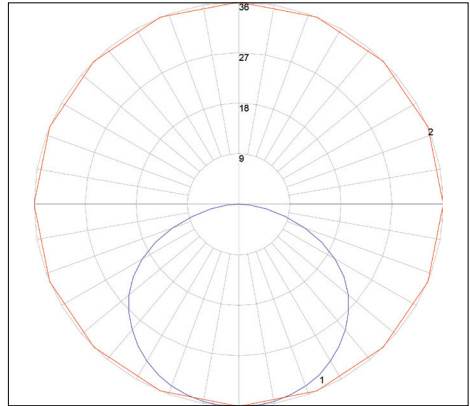
CIE 1931 Chromaticity Diagram:






Spectral Power:



Polar Graph: Data Shown for 120°



Accessories:

| | | |
|---|---|---|
|  |  |  |
| MRTA35 10' Leader Cable | MRTA34 EZ - Connector | MRTA38 4' EZ - Connector for SUPERFLEX |
| Connects SUPERFLEX to Power Supply | Connects Two SUPERFLEX Together | Connects Two SUPERFLEX And Allows for Flexible Corner Bends |
| Connector Dim. L: 3/5" (15mm) W: 1/5" (5mm) H: 1/10" (2mm) | L: 3/5" (15mm) W: 2/5" (10mm) H: 1/10" (2mm) | Connector Dim. L: 1/2" (13mm) W: 1/5" (6mm) H: 1/10" (2mm) |


Standards and 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 | Class 3 |
| Environment | Dry Location - IP20 |
| Warranty | 5 Year Limited Warranty |

Ordering:

| | |
|------|-----------------|
| SKU: | SUPERFLEX-GREEN |
|------|-----------------|

SPECIFICATION

| Non Dimming | | Voltage Range | Wattage | IP Rating | Dimension |
|-------------|---|---------------|---------|-----------|---|
| MP16 |  | 100-277v AC | 132w | IP67 | 8 7/10" x 2 7/10" x 1 1/2" (222mm x 68mm x 39mm) |

| 0-10v Dimming | | Voltage Range | Wattage | IP Rating | Dimension |
|---------------|--|---------------|---------|-----------|---|
| MP05 |  | 347v AC | 60w | IP66 | 9 2/5" x 1 7/10" x 1 3/10" (240mm x 43mm x 32mm) |
| MP18N |  | 100-277v AC | 60w | IP66 | 9 2/5" x 1 7/10" x 1 3/10" (240mm x 43mm x 32mm) |
| MP86 |  | 100-277v AC | 100w | IP66 | 9 1/2" x 2 3/10" x 1 1/2" (241mm x 58mm x 37mm) |
| MP88 |  | 100-277v AC | 150w | IP66 | 9 1/2" x 2 3/5" x 1 3/5" (241mm x 67mm x 40.5mm) |

Ordering:

Sample SKU: MP05