



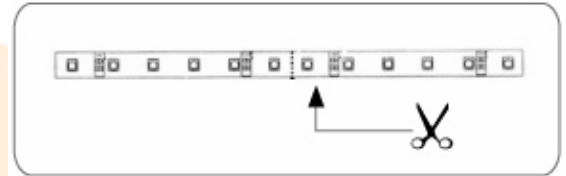
Model ECM-T48/H48xxVBFR TOPLED LED Light bar Module

ISO 9001 CERTIFIED

FOR ALL PRODUCT
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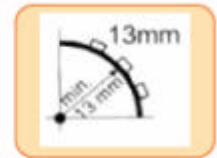
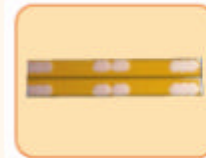
I. FEATURE

- Available in a selection of LED light colors .
- Dimensions (L x W x H): 610 x 7 x 0.23 mm
- Easy connection to your own design. Can be divided into units or their multiples with no loss of function in the parts. The smallest units are 6 LED (76.25 mm x 8 sections)
- Low voltage operation at 24VDC input voltage
- Flexible installation on curved surfaces is possible. Minimum bending radius is 1/2 inch (13mm)
- LED beam angle at 110 degree
- No harmful UV radiation
- One year warranty



Easy to be divided into small units
(6 LED of 76.25 mm x 8 sections) with no loss of function

Solderble connection Min. bending radius



II. SPECIFICATION

Model No.	ECM-T48ORVBFR	ECM-T48TLVBFR	ECM-H48BLVBFR	ECM-H48PGVBFR	ECM-H48W1VBFR	ECM-H48WAVBFR
Color	Red	Amber	Blue	Green	White	Warm White
LED Composition	AllInGaP	AllInGaP	InGaN	InGaN	InGaN	InGaN
Wavelength	620nm	590nm	470nm	525nm	470nm Phosphor	470nm Phosphor
LED No.	48PCS	48PCS	48PCS	48PCS	48PCS	48PCS
Beam Angle	110°	110°	110°	110°	110°	110°
Input Voltage	24VDC	24VDC	24VDC	24VDC	24VDC	24VDC
Driving Current	160mA± 10%	160mA± 10%	160mA± 10%	160mA± 10%	160mA± 10%	160mA± 10%
Power Watts	3.84W± 10%	3.84W± 10%	3.8W± 10%	3.8W± 10%	3.8W± 10%	3.8W± 10%
Luminous Flux	23 Lm	17 Lm	30 Lm	120 Lm	150 Lm	120 Lm
Connector	Pin definition: VCC-GND					
Standard Met	RoHS					
Mechanical Dim.	Overall 610 (L) X 7 (W) X 0.23 (THK) mm, Line can be cut at each 76.25mm x 8 section					
Net Weight	12 ±g					
Operating Temp.	-5°C to 45° C					
Storage Temp.	-10°C to 50°C					
Warranty	One Year					

Specification subject to change without advance notice

III. THE PRODUCT

THE ELUMINA ECM-T48/H48xxVBFR is a linear array of TOPLEDs mounted on a 0.23mm PCB. The offered connectors allow one adjacent interlock connection and facilitate one's lighting set-up with the LED configuration. With the feature to cut line at every 3 -inch, you can easily get your desired design light with significant cost saving. It offers a lighting solution for retail, cove light, advertising illumination, edge lighting, path marking, as well as many lighting design applications.