

48v 2Line LED Module

Product description

- Ideal for Linear and Ring Lights
- Long lifetime: 60,000 hours
- Color temperature 3000 – 4000 – 6000 k
- luminous flux 100 lm/w
- LED Size 28 x 35 mm
- Quantity of LED 56 pieces
- OSRAM GW JTLMS1.EM



LED Technical Data

Parameter	Symbol	Symbol	Values
Operating Temperature	T_{op}	min.	-40 °C
		Max.	100 °C
Junction Temperature	T_j	max.	125 °C
Forward Current TJ = 25 °C	I_f	min.	10mA
		Max.	150mA
Forward Voltage $I_f = 60mA$	VF	min.	2.80v
		Typ.	2.95v
		Max.	3.30v
Color Rendering Index	CRI	min.	80
		Typ.	85

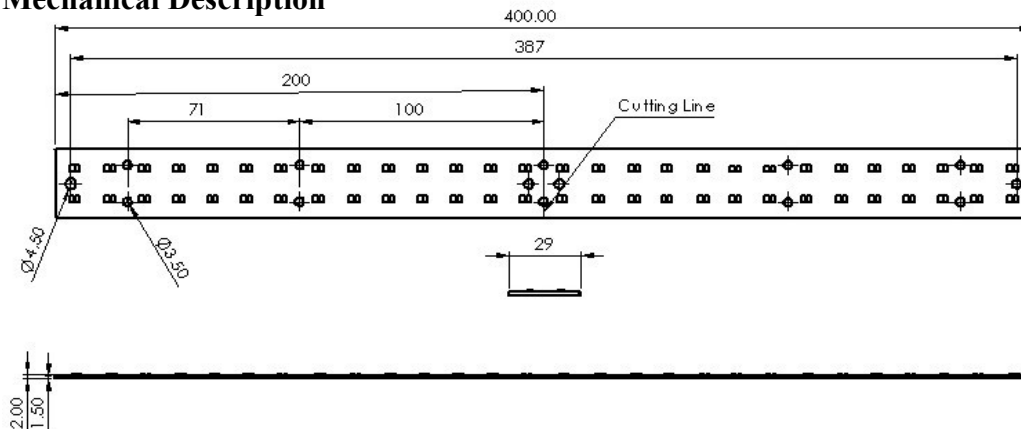
Module Technical Data

Voltage	48v
Irated	200mA
Imax	450mA
Minimum Power	10w
Maximum Power	20w
Beam characteristic	120°
Type of protection	IP00
Lumen maintenance	60,000 h

Component List

Name	Value	Quantity
LED	2835OSRAM	56X
	GW JTLMS1.EM	
Transistor	BC817-6C(sot23)	8X
Resistor	10k(1206)	4X
Resistor	7.5(1206)	4X

Mechanical Description



- Module dimension 29 x 2 x 400 mm
- Cutting Dimension 20 cm
- Simple installation using by screws