

# 48v LED Module

## Product description

- Ideal for Linear
- 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 28 pieces
- OSRAM GW JTLMS1.EM



## LED Technical Data

Parameter	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

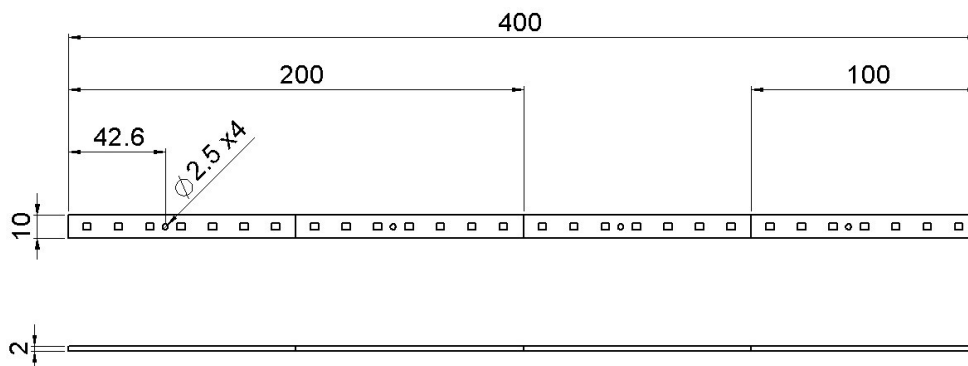
## Module Technical Data

Voltage	48V
Irated	150mA
Imax	250mA
Minimum Power	7.5w
Maximum Power	12w
Beam characteristic	120°
Type of protection	IP00
Lumen maintenance	60,000 h

## Component List

Name	Value	Quantity
LED	2835OSRAM	28X
	GW JTLMS1.EM	
Transistor	Bc817	4X
Resistor	10k	2X
Resistor	7.5 Ohm	2X
Resistor	00Ohm	2X

## Mechanical Description



- Module dimension 10 x 2 x 400 mm
- Simple installation using by screws
- Cutting Dimension: 200mm