ILLUMINATOR DATA

LTPVRG25X36-00-1-B-24V

Lighting Dimension

CONNECTOR
CABLE LENGTH 50cm

2X ⌀ 3.4 THRU ALL
⌴ ⌀ 5.6 ⤓ 3

18.5

43.5
40
25

EMITTING AREA

36
38.5

5.3

RoHS COMPLIANT   CE
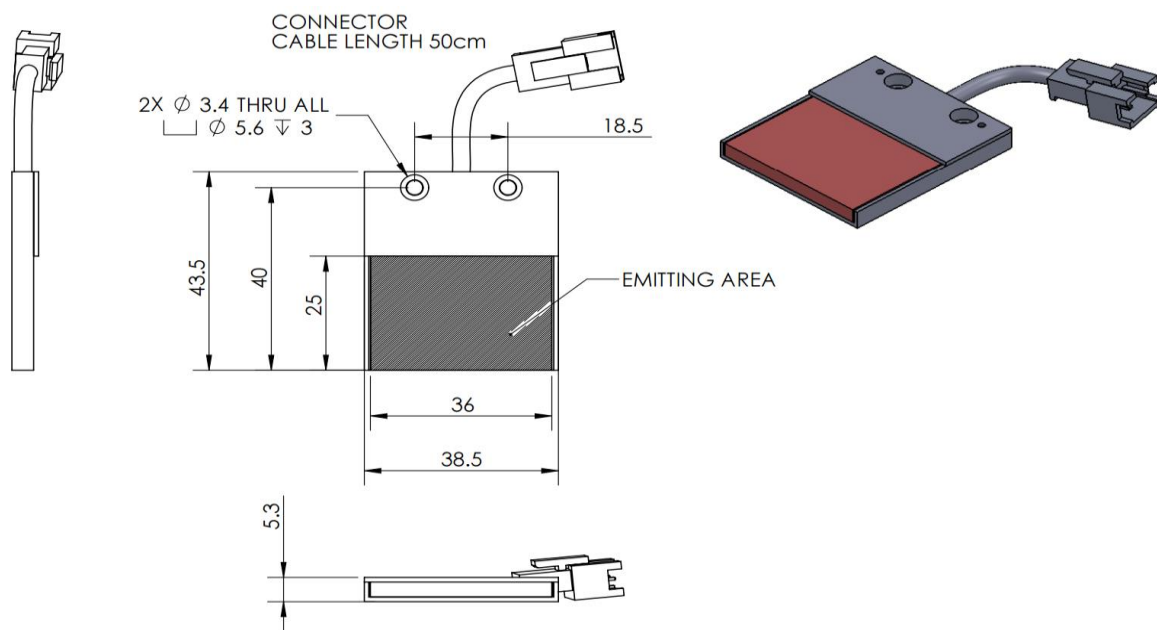
Mechanical Information	
Casing Material	Aluminium
Storage Temperature Range	0 - 45°C
Storage Humidity Range	20 - 85%
Weight	27 g
Length / Outer Diameter	38.5 mm
Width / Inner Diameter	43.5 mm
Thickness / Height	5.3 mm

ILLUMINATOR DATA

LTPVRG25X36-00-1-B-24V

Lighting Information			
Part Number	LTPVRG25X36-00-1-B-24V		
LED Color	BLUE		
Wavelength	450nm		
Working Distance	5 mm	10 mm	15 mm
Intensity (±15%)	4650 lx	3650 lx	2690 lx
Illumination (number of row)	1		
Illumination Active Area	Active Length / Outer Dia.	36 mm	
	Active Width / Inner Dia.	25 mm	
Emission angle	0		
Eye Safety Class (IEC62471)	II		
Chromaticity Table For White colour only	Nil		

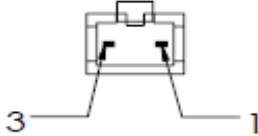| Electrical Information	
Rated Constant Voltage	24V±2%
Rated Constant Current	20 mA
Power Consumption	0.48 W
Casing temperature, After 60 minutes operation	38.9 °C

Strobe Mode Specification		
*Normal Strobe Voltage	24 V	
*Normal Strobe Current	20 mA	
Overdrive Voltage Range	Min: 36V	Max: 48V
Overdrive Current Range	Min: 0.02 A	Max: 0.04 A
Recommended Overdrive Voltage	36V	
**Max. Trigger Pulse Duration	10 msec	
**Max. Duty Cycle	10%	

*Normal strobe means the lighting is operated using the rated power. Overdrive means the power supplied to the lighting exceeded the rated power.
**Overdrive condition must not exceed the max. trigger pulse duration and max. duty cycle.

LTPVRG25X36-00-1-B-24V

Connection Information			
Connector Type (Default)	JST SMR-03V		
Cable Length	50 cm		
Pin Configuration	Pin	Signal	Cable Colour
	1	LED +	Red
	2	N.C	-
	3	LED -	White

Additional Information	
Additional Cooling Method	Attached to machine part for better heat dissipation
Intensity Controller Selection	SD, ST, ANG, LC, SDA, SDP series
CE Conformity	YES
RoHS Compliance	YES

Application	
Illumination Type	Side Backlight Illumination
Application Use	Lead Frame Inspection, Shape Recognition, Size Measurement.

ILLUMINATOR DATA

LTPVRG25X36-00-1-B-24V

Lighting Pattern				
Working Distance	For further details please contact us.			
Display and Image				
Data Results	Horizontal	Meas.(mm)	Vertical	Meas.(mm)
	90%		90%	
	80%		80%	
	70%		70%	
	60%		60%	
	50%		50%	
	40%		40%	
	30%		30%	
	20%		20%	
	10%		10%	