ILLUMINATOR DATA-ID

BHD-00-100-1-R-24V

Lighting Dimension

□128.50
121.50
□100
100

CONNECTOR
CABLE 50cm

5X Ø 3.40 THRU ALL
⌴ Ø 5.60 ∇ 3

EMITTING AREA

128.5
5.3

RoHS COMPLIANT   CE
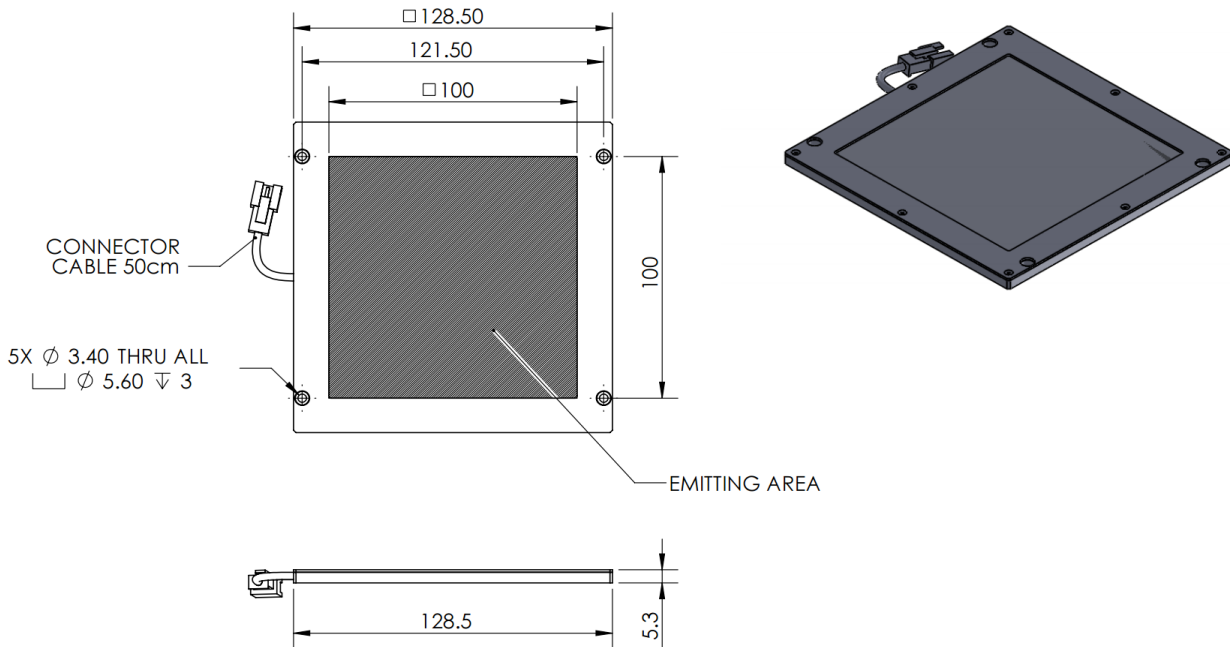
Mechanical Information	
Casing Material	Aluminium
Storage Temperature Range	Temp 0 - 45°C, Humidity 20-85%
Weight	145 g
Length / Outer Diameter	128.5 mm
Width / Inner Diameter	128.5 mm
Thickness / Height	5.3 mm

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BHD-00-100-1-R-24V

Optical Information				
Part Number		BHD-00-100-1-R-24V		
LED Color		RED		
Wavelength	(nm)	620		
Intensity (±15%)	(Lux)	2540	2310	2130
Working Distance	(mm)	5	10	15
Illumination (number of row)		1		
Illumination Active Area				
Active Length / Outer Diameter	(mm)	100		
Active Width / Inner Diameter	(mm)	100		
Emission angle	(deg.)	0		
Eye Safety Class (IEC62471)		EXEMPT		

Electrical Information		
Lighting Supply Voltage (constant voltage mode)		24V ± 2%
Continuous Current	(mA)	180
Power Consumption	(W)	4.32
Lighting casing temperature, Operating after 60 minutes	°C	44.3

Strobe Mode Specification		
Pulse Operation		YES
Max. Lighting Supply Voltage (Constant voltage power supply)	(V)	Pulsing at 24VDC to 48VDC, 0-10% Duty Cycle, Recommended at 36VDC
Pulse Current, (Max. 10msec) (Constant current power supply)	(mA)	540
Max. Trigger Pulse Duration	(msec)	10
Duty Cycle		0-10%

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

Connection				
Connector Type (Default):		JST SMR-03V		
Cable Length out from lighting :	(mm)	500		
Pin Configuration :		Pin	Signal	Cable Color
		1	LED +	RED
		2	N.C.	---
		3	LED -	WHITE

Application	
Illumination Type	Backlight Illumination
Applicattion Use	Lead frame inspection, shape recognition, size measurement.

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