BHS4-00-060-X-W-24V

Lighting Dimension

Mechanical Information
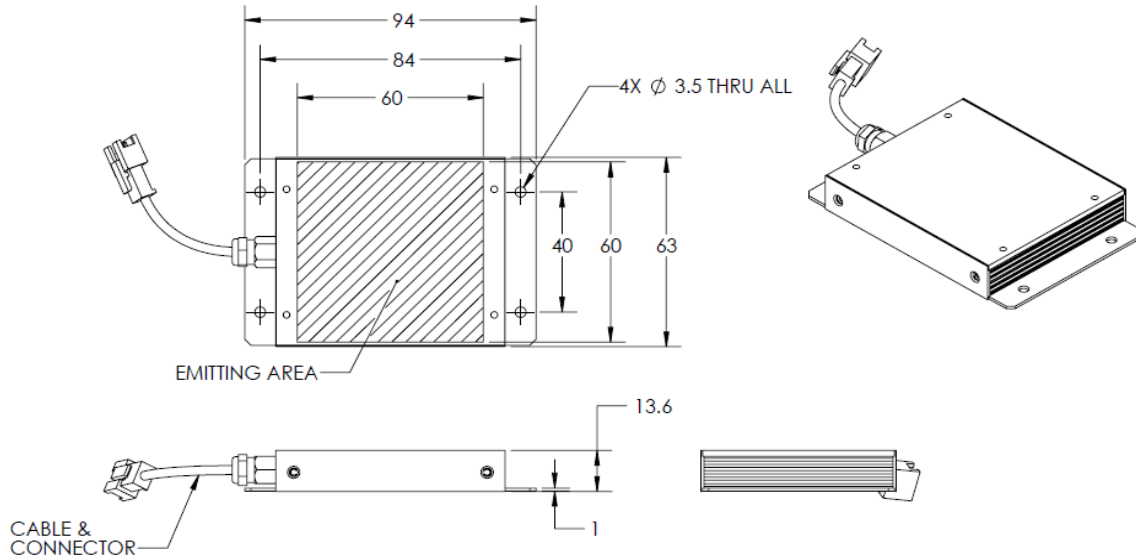
Mechanical Information	
Casing Material	Aluminium
Storage Temperature Range	Temp 0-45°C, Humidity 20-85%
Weight	115 g
Length / Outer Diameter	94 mm
Width / Inner Diameter	63 mm
Thickness / Height	13.6 mm

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Optical Information

Part Number		BHS4-00-060-X-W-24V		
LED Color		WHITE		
Wavelength	(nm)	*Refer to the Chromaticity Table below		
Intensity (±15%)	(Lux)	31440	22920	16200
Working Distance	(mm)	10	20	30
Illumination (number of row)		X		
Illumination Active Area				
Active Length / Outer Diameter	(mm)	60		
Active Width / Inner Diameter	(mm)	60		
Emission angle	(deg.)	0		
Eye Safety Class (IEC62471)		EXEMPT		
*CHROMATICITY TABLE				

X	0.296	0.287	0.307	0.311		X	0.311	0.307	0.33	0.33
Y	0.276	0.295	0.315	0.294		Y	0.294	0.315	0.339	0.318

Electrical Information

Lighting Supply Voltage (constant voltage mode)		24V ± 2%
Continuous Current	(mA)	96
Power Consumption	(W)	2.304
Lighting casing temperature, Operating after 60 minutes	°C	56.3

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)	288
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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