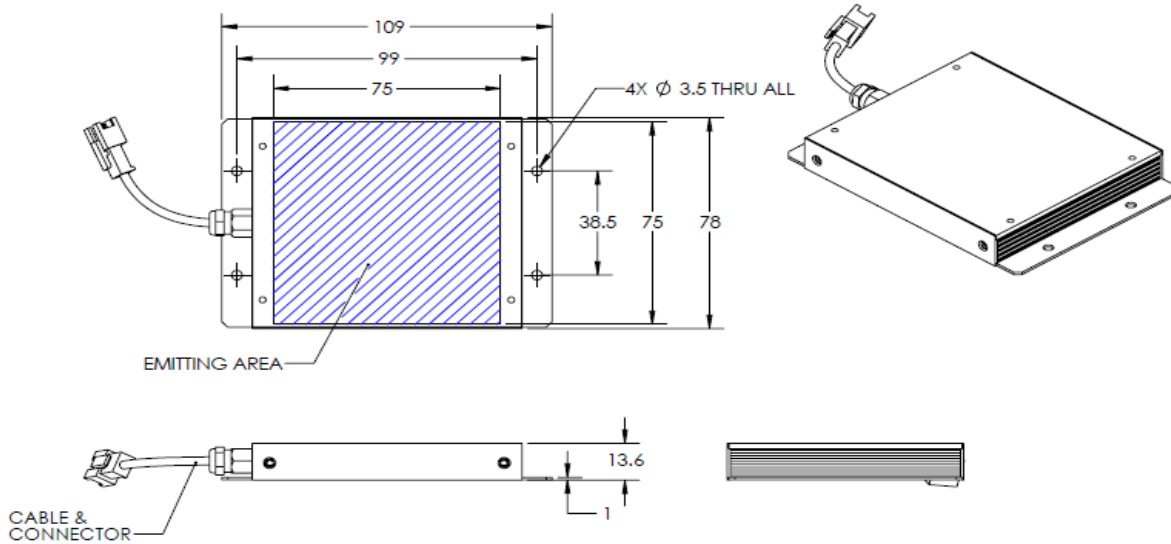




# ILLUMINATOR DATA-ID

## BHS4-00-075-X-B-24V

### Lighting Dimension




Mechanical Information	
Casing Material	Aluminium
Storage Temperature Range	Temp 0-45°C, Humidity 20-85%
Weight	100 g
Length / Outer Diameter	109 mm
Width / Inner Diameter	78 mm
Thickness / Height	13.6 mm



# ILLUMINATOR DATA-ID

## BHS4-00-075-X-B-24V

Optical Information				
Part Number	BHS4-00-075-X-B-24V			
LED Color	BLUE			
Wavelength	(nm)	450		
Intensity (±15%)	(Lux)	50268	38908	30530
Working Distance	(mm)	10	20	30
Illumination (number of row)	X			
Illumination Active Area				
Active Length / Outer Diameter	(mm)	75		
Active Width / Inner Diameter	(mm)	75		
Emission angle	(deg.)	0		
Eye Safety Class ( IEC62471 )	II			
Electrical Information				
Lighting Supply Voltage (constant voltage mode)	24V ± 2%			
Continuous Current	(mA)	162		
Power Consumption	(W)	3.888		
Lighting casing temperature, Operating after 60 minutes	°C	42.8		
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)	486		
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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