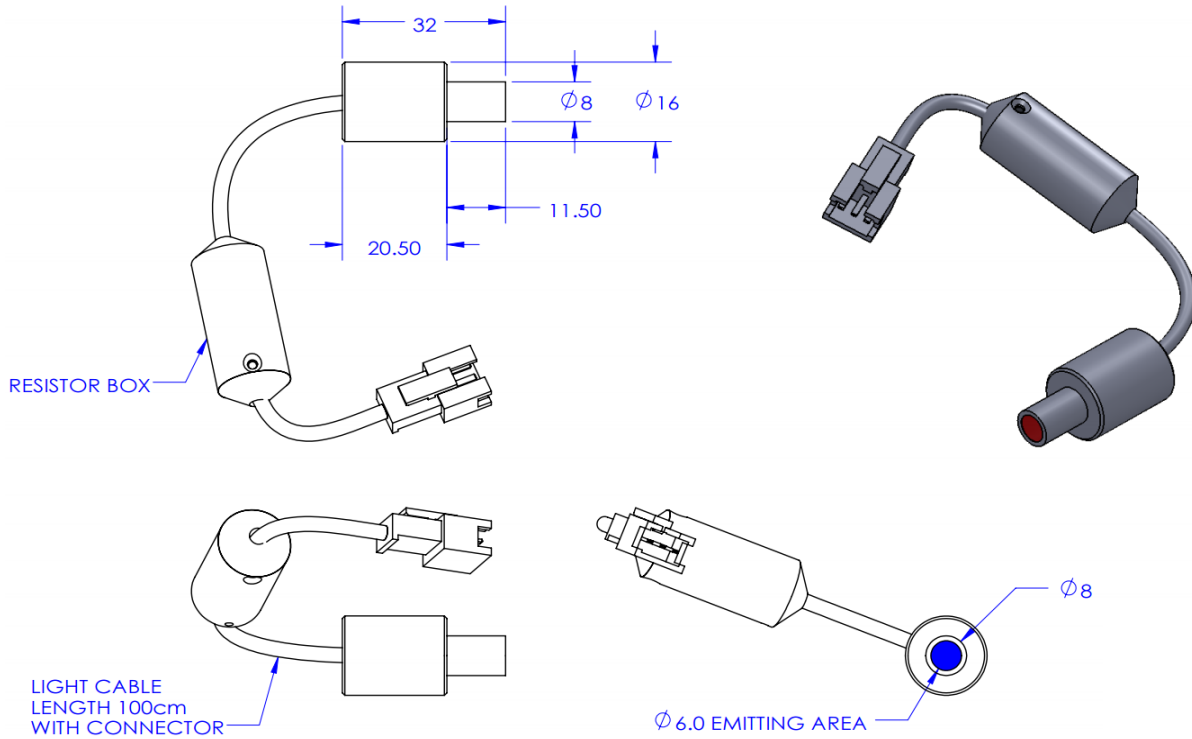




# ILLUMINATOR DATA-ID

**HBFS-00-08-1-R-5V**

## Lighting Dimension




Mechanical Information	
Casing Material	Aluminium
Storage Temperature Range	Temp 0 - 45°C, Humidity 20-85%
Weight	45 g
Length / Outer Diameter	16 mm
Width / Inner Diameter	-
Thickness / Height	32 mm



# ILLUMINATOR DATA-ID

## HBFS-00-08-1-R-5V

<b>Optical Information</b>				
Part Number		HBFS-00-08-1-R-5V		
LED Color		RED		
Wavelength	(nm)	630		
Intensity (±15%)	(Lux)	TBA	TBA	TBA
Working Distance	(mm)	TBA	TBA	TBA
Illumination (number of row)		1		
Illumination Active Area				
Active Length / Outer Diameter	(mm)	6		
Active Width / Inner Diameter	(mm)	-		
Emission angle	(deg.)	0		
Eye Safety Class ( IEC62471 )		EXEMPT		
<b>Electrical Information</b>				
Lighting Supply Voltage (constant voltage mode)		5V ± 2%		
Continuous Current	(mA)	110		
Power Consumption	(W)	2.64		
Lighting casing temperature, Operating after 60 minutes	°C	TBA		
<b>Strobe Mode Specification</b>				
Pulse Operation		YES		
Max. Lighting Supply Voltage (Constant voltage power supply)	(V)	Pulsing at 5VDC to 10VDC, 0-10% Duty Cycle, Recommended at 8VDC		
Pulse Current, (Max. 10msec) (Constant current power supply)	(mA)	330		
Max. Trigger Pulse Duration	(msec)	10		
Duty Cycle		0-10%		
<b>Additional Information</b>				
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		
<b>Connection</b>				
Connector Type (Default):		JST SMR-03V		
Cable Length out from lighting :	(mm)	500		
Pin Configuration :		Pin	Signal	Cable Color
		1	N.C.	---
		2	LED +	RED
		3	LED -	WHITE
				
<b>Application</b>				
Illumination Type		Spot Light Illumination		
Application Use		Use in macro Lenses inspection, spot light		