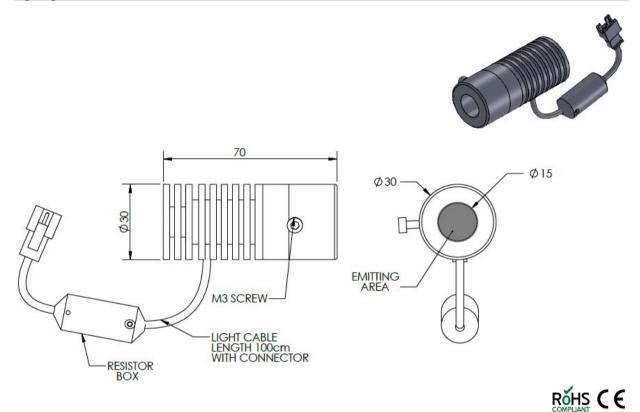
ILLUMINATOR DATA-ID

HBF-00-16-1-W-24V

TMS

Lighting Dimension



Mechanical Information	
Casing Material	Aluminium
Storage Temperature Range	Temp 0-°C, Humidity 20-85%
Weight	120 g
Length / Outer Diameter	30 mm
Width / Inner Diameter	15 mm
Thickness / Height	70 mm

ILLUMINATOR DATA-ID

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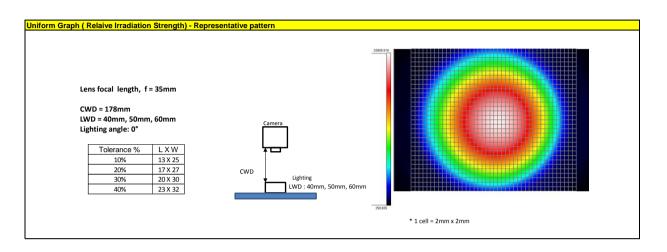
TMS

Optical Information								
Part Number		HBF-00-16-1-W-24V						
LED Color		WHITE						
Wavelength	(nm)	* Refer to the Chromaticity Table Below						
Intensity (±15%)	(Lux)	42500	31	600		25000		
Working Distance	(mm)	50		50		70		
Illumination (number of row)				1				
Illumination Active Area								
Active Length / Outer Diameter	(mm)	15						
Active Width / Inner Diameter	(mm)							
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)			.00				
Power Consumption	(W)	2.4						
Lighting casing temperature,								
Operating after 60 minutes	°C	55.1						
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)								
	(mA)	300						
(Constant current power supply) Max. Trigger Pulse Duration	(msec)	40						
Max. Trigger Pulse Duration Duty Cycle	(msec)	10 0.10%						
			0	10%				
Additional Information								
Additional Cooling Method		Attached to machine part for better heat dissipation						
Intensity Controller Selection				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		gnal		Cable Color		
		1		D +	_	RED		
		2		I.C.				
		3	LE	D -		WHITE		
			-					
Application								
Illumination Type		Spot Light Illumination						
Applicattion Use								
application Use		In macro lenses inspection, spot light.						



ILLUMINATOR DATA-ID

HBF-00-16-1-W-24V





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