

Width / Inner Diameter

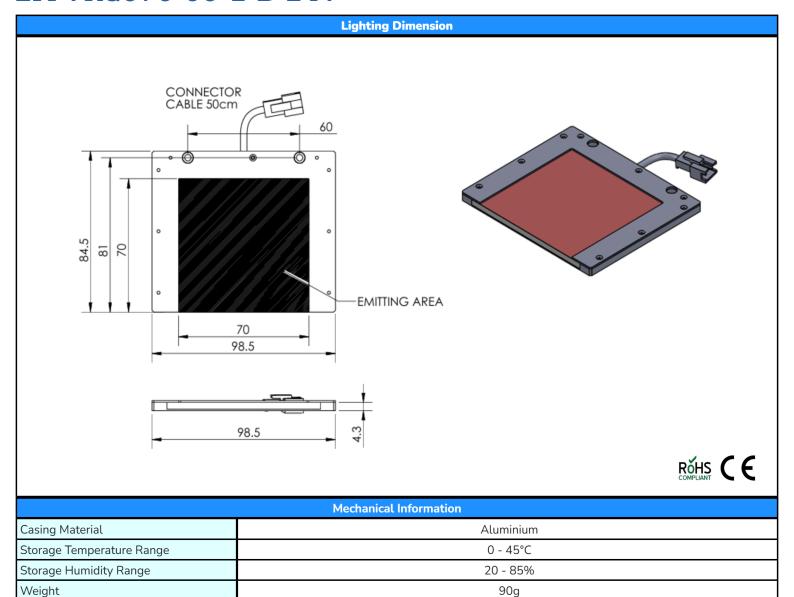
Length / Outer Diameter

Height / Thickness

ILLUMINATOR DATA

84.5mm

98.5mm 4.3mm





ILLUMINATOR DATA

Lighting Information					
LED Color		BLUE			
Wavelength	Ta=25° Ta=25° Ta=25° Ta=25° Ta=25° Ta=25° Advisor (ran) Advisor (ran) 460 nm - 470 nm				
Working Distance	5mm	10mm	15mm		
Intensity (±15%)	5720lx	5520lx	4970lx		
Illumination (Number of Row)		1			
III	Active Outer Diameter 70				
Illumination Active Area	Active Inner Diameter	Active Inner Diameter 70			
Emission Angle		0°			
	EXEMPT				
Eye Safety Class (IEC62471)	Products with sources, which do not pose any potential photobiological hazard even for the continuous and unrestricted exposure. Example: 8 hours of exposure poses no acute hazard to either eye or skin, and 10,000 seconds (2.8 hours) of the intent starting causes no blue light retinal hazard.				
Chromaticity Table For White Colour Only					

Electrical Information			
Rated Voltage	24V _(Min) - 24V _(Max)		
Rated Current	90mA		
Power Consumption	2.160W		
Casing Temperature, After 60 minutes operation	60°C		

Strobe Mode Specification				
*Normal Strobe Voltage	24V			
*Normal Strobe Current	90mA			
Overdrive Voltage Range	Min: 36V Max: 48V			
Overdrive Current Range	Min: 205mA Max: 320mA			
Recommended Overdrive Voltage	36V			
**Max. Trigger Pulse Duration	10%			
**Max. Duty Cycle	10msec			

^{*}Normal strobe means the lighting is operated using the rated power. Overdrive means the power supplied to the lighting exceeded the rated power.

^{**}Overdrive condition must not exceed the max. trigger pulse duration and max. duty cycle.



ILLUMINATOR DATA

Connection Information				
Connector Type	JST SMR-03V-B			
Cable Length	500mm			
	Pin	Signal	Cable Color	
	1	24V	RED	
	2	-	-	
	3	GND	WHITE / BLACK	
Pin Configuration			3 1 PIN 1 24V PIN 2 - PIN 3 GND	

Additional Information			
Additional Cooling Method	Attached to machine part for better heat dissipation		
Intensity Controller Selection LTIC series			
CE Conformity	YES		
RoHS Compliance	YES		

Application			
Illumination Type	Side Backlight Illumination		
Application Use	Lead Frame InspectionSize MeasurementShape Recognition	CAMELA LING OBJECT FIRS MODEL	



ILLUMINATOR DATA

Lighting Pattern					
Working Distance		For further details, please contact us			
Display and Image		For further details, please contact us			
	Horizontal	Meas. (mm)	Vertical	Meas. (mm)	
	90%	N.A.	90%	N.A.	
	90%	N.A.	90%	N.A.	
	80%	N.A.	80%	N.A.	
	70%	N.A.	70%	N.A.	
Data Results	60%	N.A.	60%	N.A.	
	50%	N.A.	50%	N.A.	
	40%	N.A.	40%	N.A.	
	30%	N.A.	30%	N.A.	
	20%	N.A.	20%	N.A.	
	10%	N.A.	10%	N.A.	