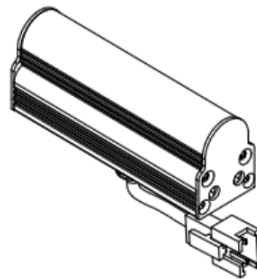


ID Datasheet

HDLB-00-065-1-B-24V

Product Image

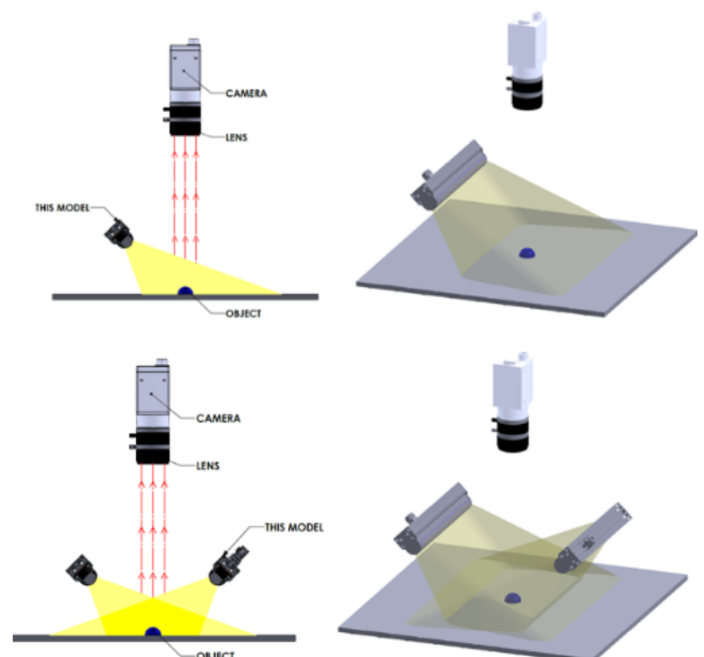


High Power Tube Barlight

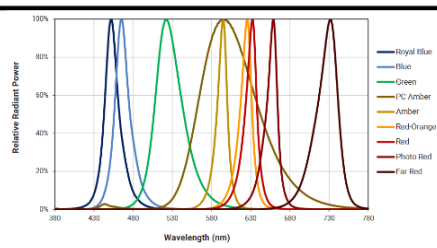
Highlight:

HDLB series are high power tube diffuser provide an evenness inspection with high intensity illumination.

Applications:



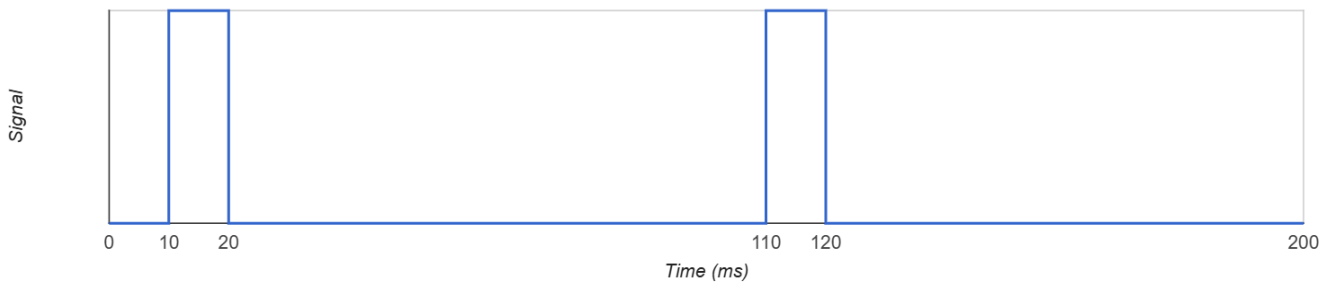
HDLB-00-065-1-B-24V

Mechanical Information			
Casing Material	Aluminium, Stainless Steel		
Storage Temperature Range	0 - 45°C		
Storage Humidity Range	20 - 85%		
Weight	52g		
Width / Inner Diameter	20.2mm		
Length / Outer Diameter	68mm		
Height / Thickness	25.3mm		
Lighting Information			
LED Color	BLUE		
LED Wavelength	 465 nm - 485nm		
Lighting Wavelength			
Color Rendering Index (CRI)	R80		
Working Distance	200mm	220mm	250mm
Intensity (15%)	-lx	-lx	-lx
Rows of LED	1		
Illumination Active Area	Active Outer Diameter	66	
	Active Inner Diameter	10.3	
Emission Angle	0°		
Eye Safety Class (IEC62471)	EXEMPT		
	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.		
Lighting Pattern			
Working Distance			
Display & Image			

HDLB-00-065-1-B-24V

Electrical Information		
Rated Voltage	24V	
Rated Current	150mA	
Power Consumption	3.600W	
Casing Temperature (After 60 mins)	60°C	
Overdrive Voltage Range	Min: 36V	Max: 48V
Overdrive Current Range	Min: 400mA	Max: 650mA
Recommended Overdrive Voltage	36V	
Max. Duty Cycle	10%	
Max. Trigger Pulse Duration	10msec	

Duty Cycle (10%)



- Overdrive specification will be change depends on lighting design.
- 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. Failure in following this may results in damaging the lighting.

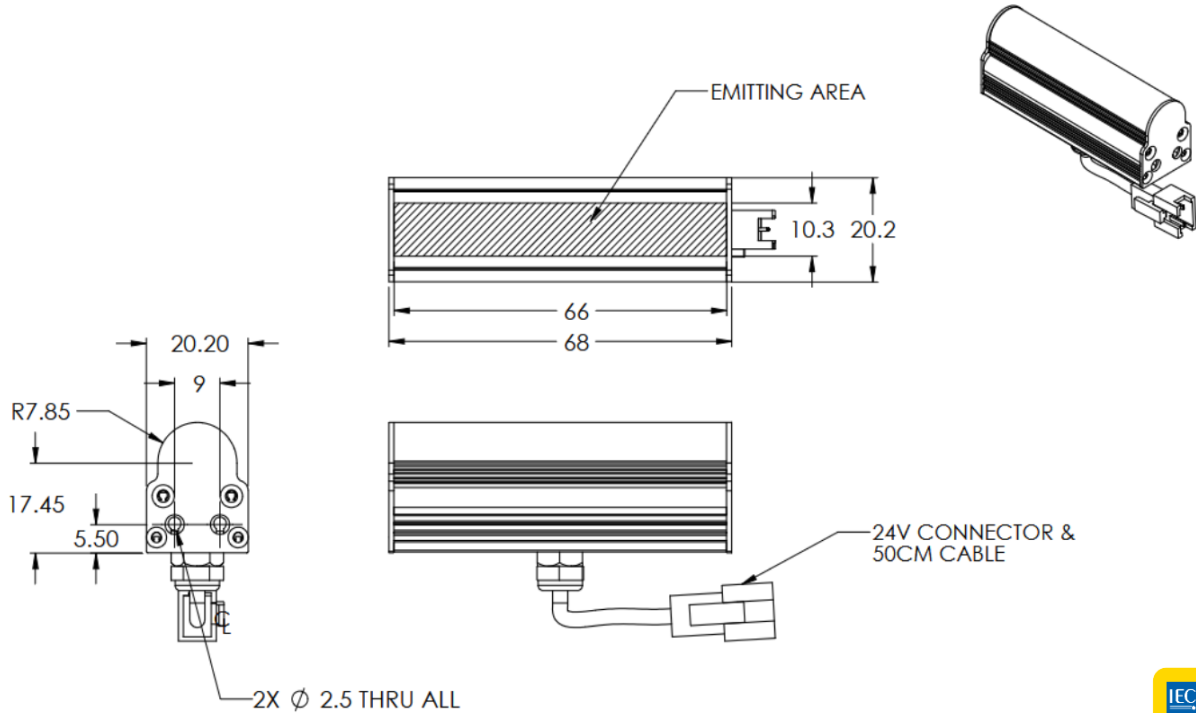
Connector Information			
Connector Type	SMR-03V-B		
Cable Length	500mm		
Pin Configuration	Pin	Signal	Cable Color
	1	24V	RED
	2	-	-
	3	GND	WHITE / BLACK
			

HDLB-00-065-1-B-24V

Accessories			
Available Controllers			
Analog Controller			
SD-1000-D1		ST-1000-D1	
			
Controller Power Input 12V / 24V	Mode Constant	Controller Power Input 12V / 24V	Mode Constant, Strobe
Lighting Output Voltage 12V / 24V	Lighting Output Current 2A	Lighting Output Voltage 12V / 24V	Lighting Output Current Constant: 2A, Strobe: 2A
Total Channels 1 Channels		Total Channels 1 Channels	
Digital Controller			
LC-16-4CH-COM		LC-18-4CH-A1	
			
Controller Power Input 12V / 24V	Mode Constant, Strobe, Trigger	Controller Power Input 12V / 24V	Mode Constant, Strobe, Trigger
Lighting Output Voltage 5V / 12V / 24V / 48V	Lighting Output Current Constant: 1A, Strobe: 1A	Lighting Output Voltage 5V / 12V / 24V / 48V	Lighting Output Current Constant: 1A, Strobe: 1A
Total Channels 4 Channels	Digital Inputs / Outputs 4 Inputs, 4 Outputs	Total Channels 4 Channels	Digital Inputs / Outputs 4 Inputs, 4 Outputs

HDLB-00-065-1-B-24V

Lighting Dimensions





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