HLBS2-00-130-1-W-24V

Lighting Dimension
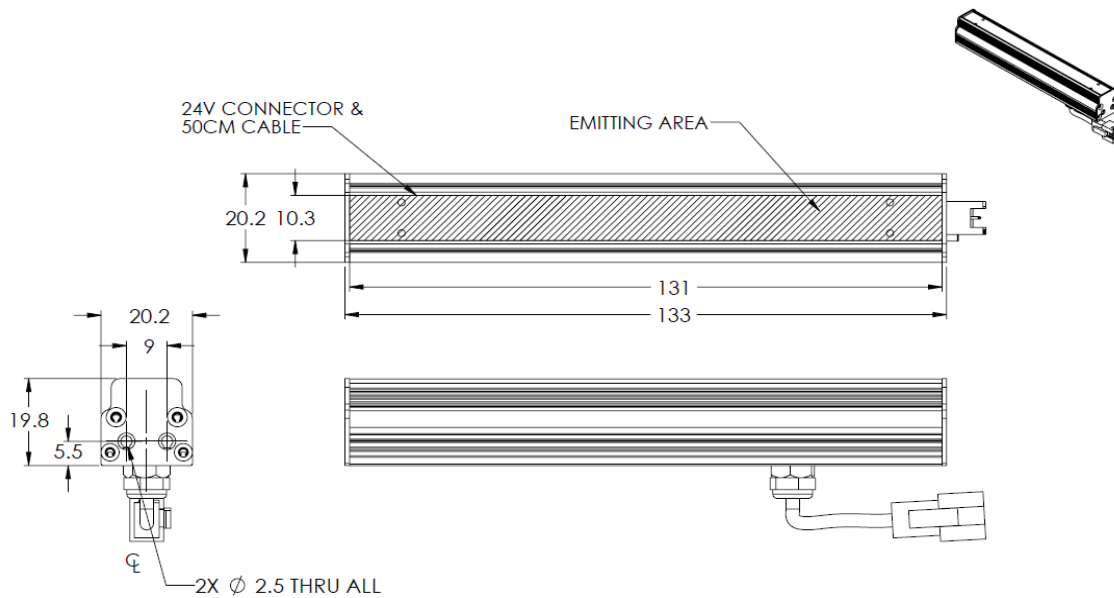
Mechanical Information	
Casing Material	Aluminium
Storage Temperature Range	Temp 0-45°C, Humidity 20-85%
Weight	89 g
Length / Outer Diameter	133 mm
Width / Inner Diameter	20.2 mm
Thickness / Height	19.8 mm

ILLUMINATOR DATA (ID)

HLBS2-00-130-1-W-24V

Optical Information				
Part Number		HLBS2-00-130-1-W-24V		
LED Color		WHITE		
Wavelength	(nm)	*Refer to the Chromaticity Table below		
Intensity (±15)	(Lux)	17600	15400	12700
Working Distance	(mm)	200	220	250
Illumination (number of row)		1		
Illumination Active Area				
Active Length / Outer Dia.	(mm)	131		
Active Width / Inner Dia.	(mm)	10.3		
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)	300
Power Consumption	(W)	7.2
Lighting casing temperature, Operating after 60 minutes	°C	60.9

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)	900
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		ANGX, SD, ST & 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	Direct Illumination
Application Use	Label Inspection, Character Inspection, Code Recognition

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Natascha Overhof

Christian Crompvoets

VISION CONSULTANCY

Robert Schumandomein 2
6229 ES Maastricht
The Netherlands

+31 (0) 438 522 651

sales@vision-consultancy.nl
www.machine-vision-shop.com

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