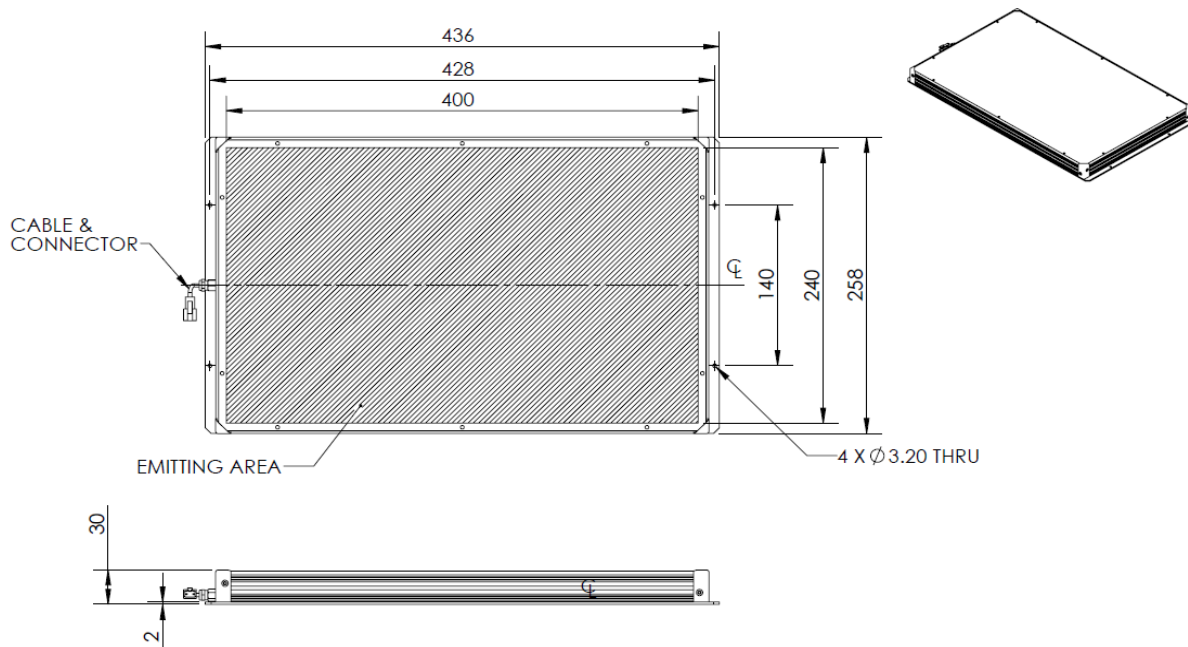




ILLUMINATOR DATA-ID

BHLX3-00-240X400-X-W-24V

Lighting Dimension



Mechanical Information	
Casing Material	Aluminium
Storage Temperature Range	Temp 0-45°C, Humidity 20-85%
Weight	1665 g
Length / Outer Diameter	436 mm
Width / Inner Diameter	258 mm
Thickness / Height	30 mm



ILLUMINATOR DATA-ID

BHLX3-00-240X400-X-W-24V

Optical Information																															
Part Number		BHLX3-00-240X400-X-W-24V																													
LED Color		WHITE																													
Wavelength	(nm)	*Refer to the Chromaticity Table below																													
Intensity (±15%)	(Lux)	38482		36920		35642																									
Working Distance	(mm)	10		20		30																									
Illumination (number of row)		X																													
Illumination Active Area																															
Active Length / Outer Diameter	(mm)	400																													
Active Width / Inner Diameter	(mm)	240																													
Emission angle	(deg.)	0																													
Eye Safety Class (IEC62471)		EXEMPT																													
*CHROMATICITY TABLE		<table><tr><td>X</td><td>0.296</td><td>0.287</td><td>0.307</td><td>0.311</td></tr><tr><td>Y</td><td>0.276</td><td>0.295</td><td>0.315</td><td>0.294</td></tr></table>					X	0.296	0.287	0.307	0.311	Y	0.276	0.295	0.315	0.294	<table><tr><td>X</td><td>0.311</td><td>0.307</td><td>0.33</td><td>0.33</td></tr><tr><td>Y</td><td>0.294</td><td>0.315</td><td>0.339</td><td>0.318</td></tr></table>					X	0.311	0.307	0.33	0.33	Y	0.294	0.315	0.339	0.318
X	0.296	0.287	0.307	0.311																											
Y	0.276	0.295	0.315	0.294																											
X	0.311	0.307	0.33	0.33																											
Y	0.294	0.315	0.339	0.318																											
Electrical Information																															
Lighting Supply Voltage (constant voltage mode)		24V ± 2%																													
Continuous Current	(mA)	2700																													
Power Consumption	(W)	64.8																													
Lighting casing temperature, Operating after 60 minutes	°C	55.6																													
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)	8100																													
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, ST and SD 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		Backlight Illumination																													
Application Use		Lead frame inspection, shape recognition, size measurement																													



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