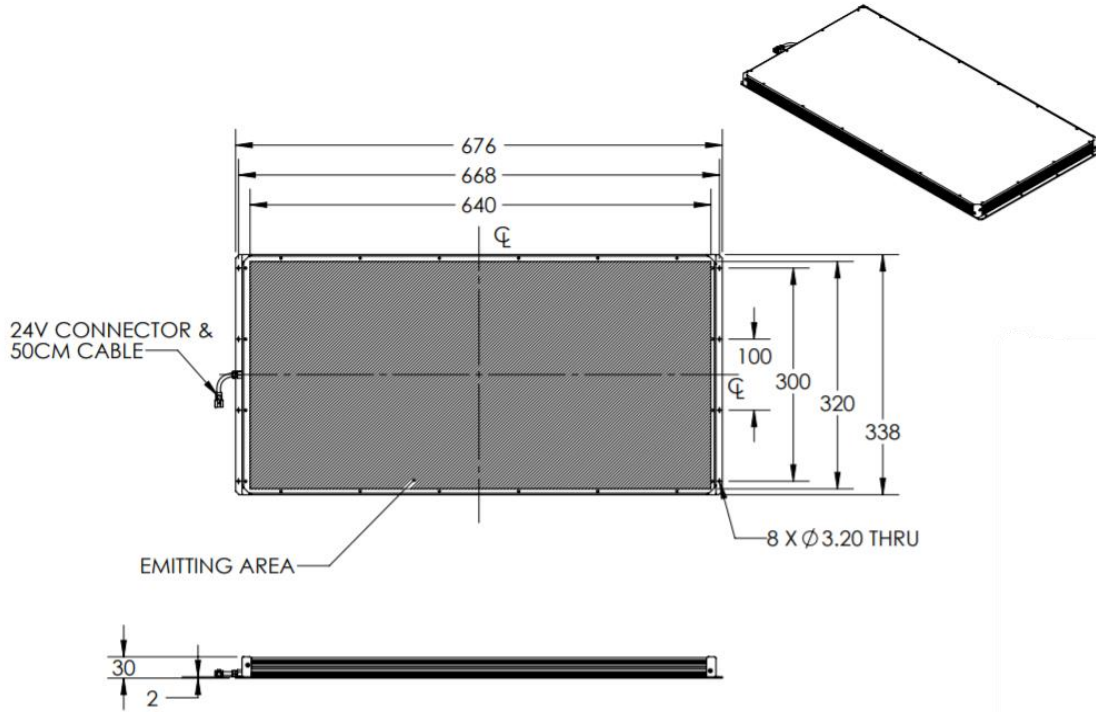




# ILLUMINATOR DATA (ID)

## BHLX3-00-320X640-X-W-24V

### Lighting Dimension




Mechanical Information	
Casing Material	Aluminium
Storage Temperature Range	Temp 0-45°C, Humidity 20-85%
Weight	3000 g
Length / Outer Diameter	338 mm
Width / Inner Diameter	676 mm
Thickness / Height	30 mm



# ILLUMINATOR DATA-ID

## BHLX3-00-320X640-X-W-24V

Optical Information																					
Part Number	BHLX3-00-320X640-X-W-24V																				
LED Color	WHITE																				
Wavelength (nm)	REFER TO THE CHROMATICITY TABLE BELOW																				
Intensity (±15) (Lux)	TBA																				
Working Distance (mm)	10																				
Illumination (number of row)	X																				
Illumination Active Area																					
Active Length / Outer Dia. (mm)	320																				
Active Width / Inner Dia. (mm)	640																				
Emission angle (deg.)	0																				
Eye Safety Class ( IEC62471 )	EXEMPT																				
*CHROMATICITY TABLE	<table border="1"> <tr> <td>X</td> <td>0.296</td> <td>0.287</td> <td>0.307</td> <td>0.311</td> <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>0.276</td> <td>0.295</td> <td>0.315</td> <td>0.294</td> <td>Y</td> <td>0.294</td> <td>0.315</td> <td>0.339</td> <td>0.318</td> </tr> </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
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)	5760																				
Power Consumption (W)	138.24																				
Lighting casing temperature, Operating after 60 minutes (°C)	TBA																				
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)	17280																				
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 series																				
CE Conformity	YES																				
RoHS Compliance	YES																				
Connection																					
Connector Type (Default):	JST SMR-03V																				
Cable Length out from lighting : (mm)	500																				
Pin Configuration :	<table border="1"> <thead> <tr> <th>Pin</th> <th>Signal</th> <th>Cable Color</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>LED +</td> <td>RED</td> </tr> <tr> <td>2</td> <td>N.C.</td> <td>---</td> </tr> <tr> <td>3</td> <td>LED -</td> <td>WHITE</td> </tr> </tbody> </table>	Pin	Signal	Cable Color	1	LED +	RED	2	N.C.	---	3	LED -	WHITE								
Pin	Signal	Cable Color																			
1	LED +	RED																			
2	N.C.	---																			
3	LED -	WHITE																			
																					
Illumination Type	Backlight Illumination																				
Application Use	Lead Frame Inspection, Shape recognition, size measurement																				



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