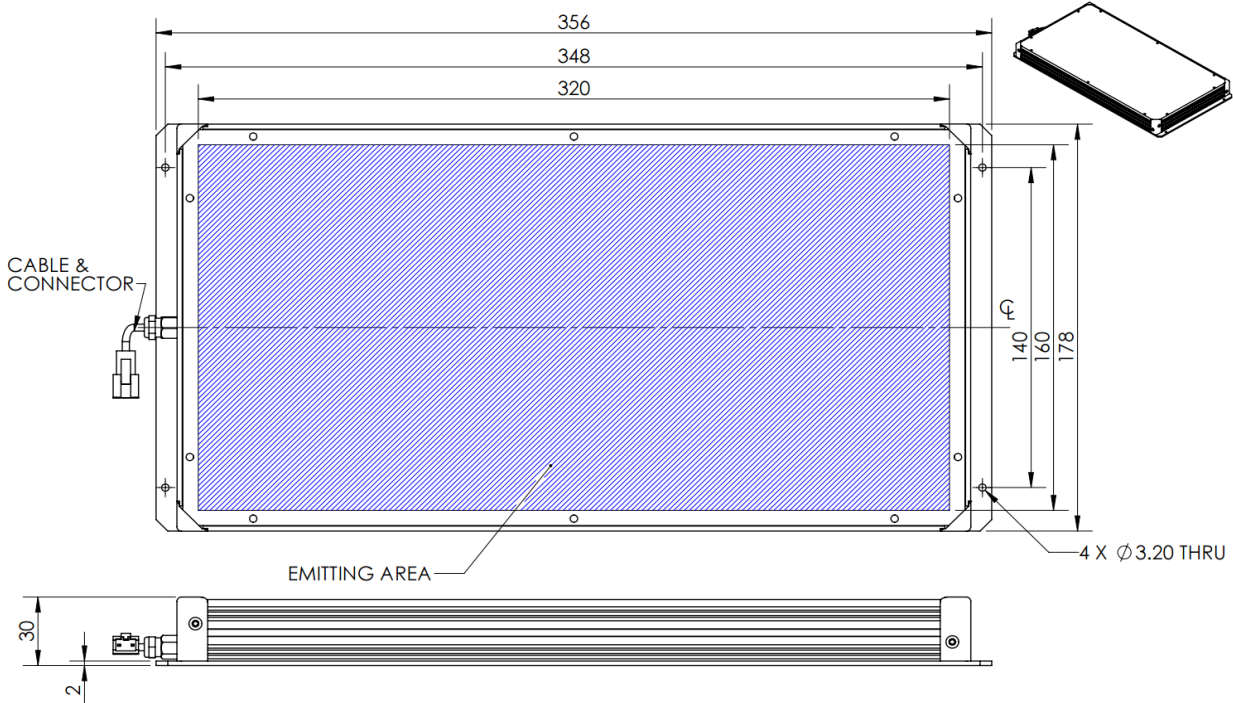




# ILLUMINATOR DATA-ID

## BHLX3-00-160X320-X-W-24V

### Lighting Dimension




Mechanical Information	
Casing Material	Aluminium
Storage Temperature Range	Temp 0-45°C, Humidity 20-85%
Weight	1062 g
Length / Outer Diameter	356 mm
Width / Inner Diameter	178 mm
Thickness / Height	30 mm



# ILLUMINATOR DATA-ID

## BHLX3-00-160X320-X-W-24V

Optical Information		BHLX3-00-160X320-X-W-24V																								
Part Number		BHLX3-00-160X320-X-W-24V																								
LED Color		WHITE																								
Wavelength	(nm)	* Refer to the Chromaticity Table Below																								
Intensity (±15%)	(Lux)	TBA	TBA	TBA	TBA																					
Working Distance	(mm)	10	20	30																						
Illumination (number of row)		X																								
Illumination Active Area																										
Active Length / Outer Diameter	(mm)	320																								
Active Width / Inner Diameter	(mm)	160																								
Emission angle	(deg.)	0																								
Eye Safety Class ( IEC62471 )		EXEMPT																								
Electrical Information																										
Lighting Supply Voltage (constant voltage mode)		24V ± 2%																								
Continuous Current	(mA)	1440																								
Power Consumption	(W)	34.56																								
Lighting casing temperature, Operating after 60 minutes	°C	TBA																								
*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																	
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)	4320																								
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		ANG, ST, SD and 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		Backlight Illumination																								
Applicattion Use		Lead frame inspection, shape recognition, size measurement																								



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