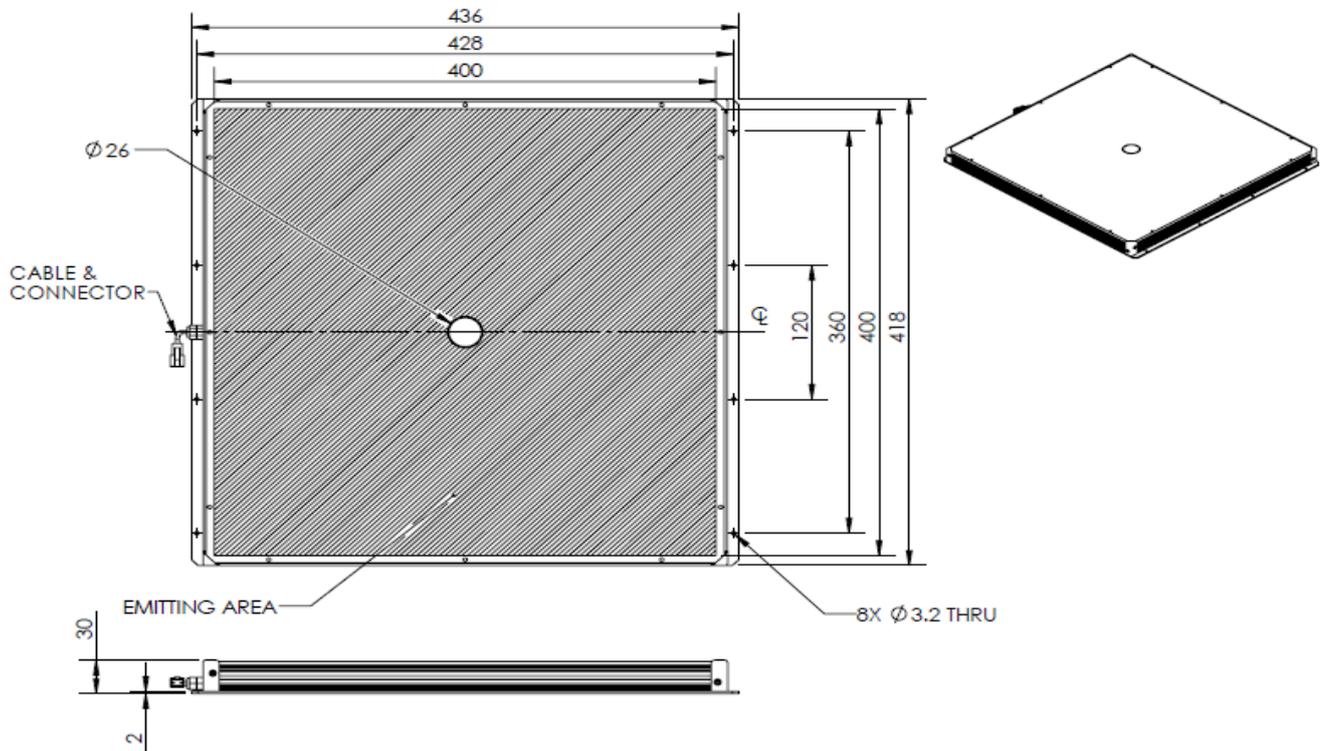




ILLUMINATOR DATA

BHLQ-00-400X400-X-W-24V

Lighting Dimension



Mechanical Information	
Casing Material	Aluminium
Storage Temperature Range	Temp 0-45°C, Humidity 20-85%
Weight	2650 g
Length	436 mm X 418 mm
Width	400 mm X 400 mm WITH $\Phi 26$
Thickness	30 mm

BHLQ-00-400X400-X-W-24V

Optical Information											
Part Number		BHLQ-00-400X400-X-W-24V									
LED Color		WHITE									
Wavelength	(nm)	*Refer to the Chromaticity Table below									
Intensity ($\pm 15\%$)	(Lux)	29252	27832	26696							
Working Distance	(mm)	70	85	100							
Illumination (number of row)		X									
Illumination Active Area											
Active Width	(mm)	26									
Active Length	(mm)	400 X 400									
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)	(constant voltage mode)		24V \pm 2%								
Continuous Current	(mA)	4485									
Power Consumption	(W)	107.64									
Lighting casing temperature, after 60 minutes	Operating °C	76.1									
Max.continuous current of Red,Green & Blue Leds on at a same time (RGB color)	°C	RED, GREEN & BLUE LEDs on at a same time are not recommended									
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)	13445									
Max. Trigger Pulse Duration	(msec)	10									
Duty Cycle		0-10%									
Additional Information											
Additional Cooling Method		Attached to machine part for better heat dissipation									
Life span in continuous mode		20,000 hours (drop to 50% intensity) at 25°C									
Life span in strobe mode		Est. >50,000 hours (drop to 50% intensity) at 25°C									
Intensity Controller Selection		ANG-Series, LC-Series, STB-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											
Optimal Working Distance	(mm)	70-100									



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