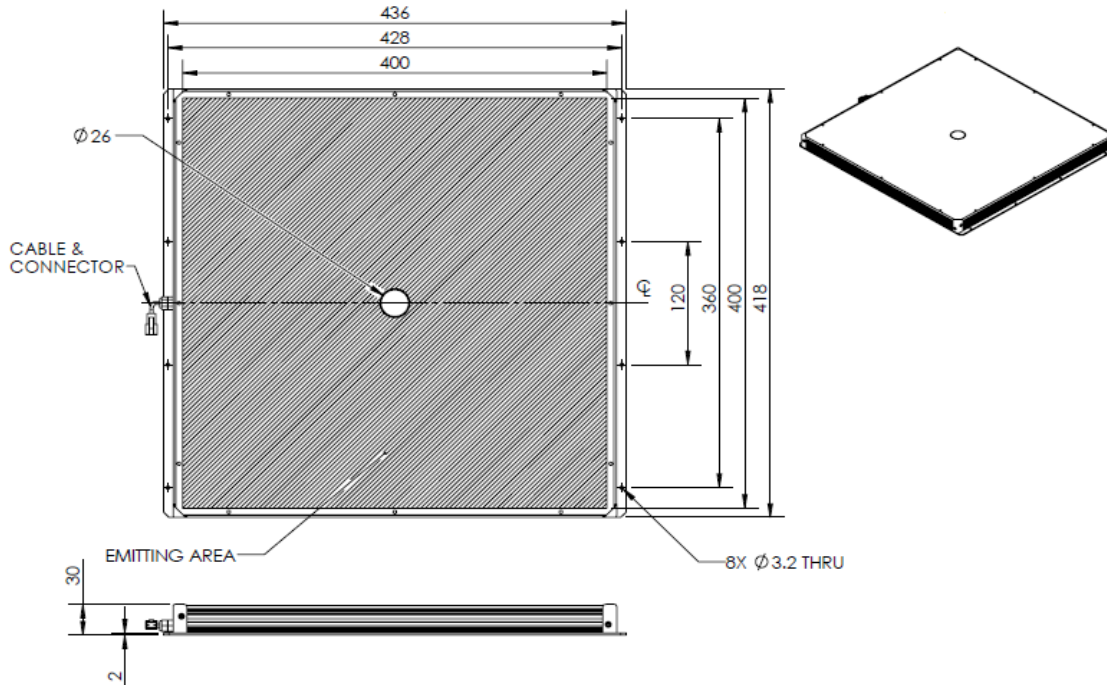




# ILLUMINATOR DATA-ID

## BHLQ-00-400X400-X-G-24V

### Lighting Dimension




Mechanical Information	
Casing Material	Aluminium
Storage Temperature Range	Temp 0-45°C, Humidity 20-85%
Weight	2650 g
Length / Outer Diameter	436 mm X 418 mm
Width / Inner Diameter	26 mm
Thickness / Height	30 mm



# ILLUMINATOR DATA-ID

## BHLQ-00-400X400-X-G-24V

Optical Information				
Part Number	BHLQ-00-400X400-X-G-24V			
LED Color	GREEN			
Wavelength	(nm)	525		
Intensity (±15%)	(Lux)	29252	27832 26696	
Working Distance	(mm)	70	85 100	
Illumination (number of row)	X			
Illumination Active Area				
Active Length / Outer Diameter	(mm)	400		
Active Width / Inner Diameter	(mm)	26		
Emission angle	(deg.)	0		
Eye Safety Class ( IEC62471 )	EXEMPT			
Electrical Information				
Lighting Supply Voltage (constant voltage mode)	24V ± 2%			
Continuous Current	(mA)	4485		
Power Consumption	(W)	107.64		
Lighting casing temperature, Operating after 60 minutes	°C	76.1		
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)	13455		
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	Diffused Illumination			
Applicattion Use	Robotic picking, identification & missing part, measurement, shape recognition			



**VISION CONSULTANCY**  
MAKING THE UNSEEN VISIBLE

Thank you for downloading this document from  
[www.machine-vision-shop.com](http://www.machine-vision-shop.com)

If you have any questions, you need help composing the  
right package for your application or do you want to order?

Feel free to contact us via e-mail at [sales@vision-consultancy.nl](mailto:sales@vision-consultancy.nl) or visit our webshop.

Our vision experts are happy to help you.



Natascha Overhof



Christian Cromptvoets



**VISION CONSULTANCY**

Robert Schumandomein 2  
6229 ES Maastricht  
The Netherlands

+31 (0) 438 522 651

[sales@vision-consultancy.nl](mailto:sales@vision-consultancy.nl)  
[www.machine-vision-shop.com](http://www.machine-vision-shop.com)

Scan me to visit  
[machine-vision-shop](http://machine-vision-shop.com)

