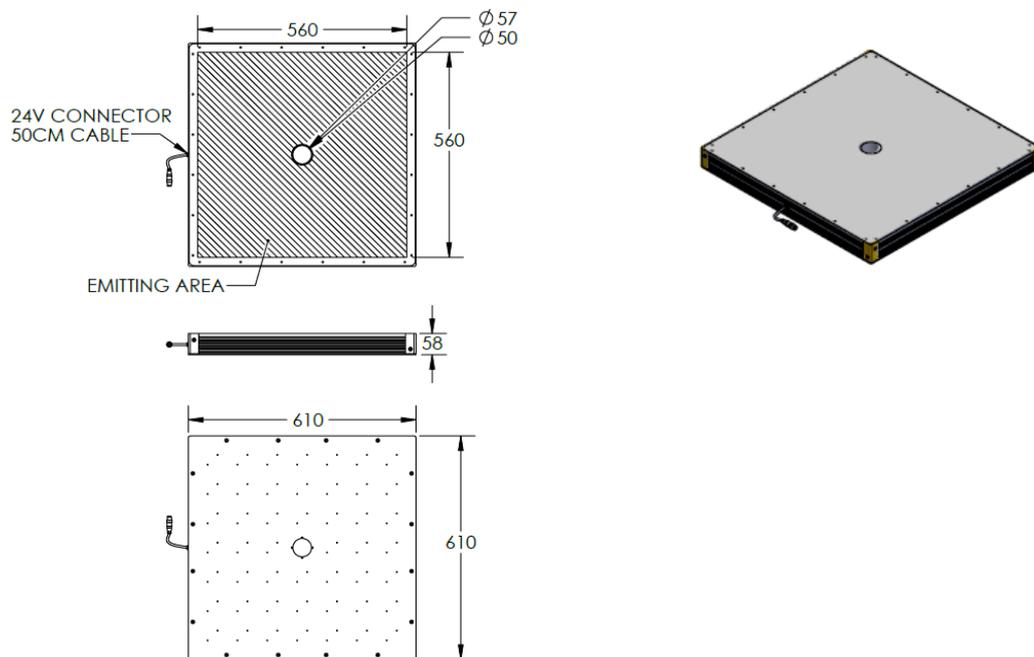


HBAQ-00-560X560-X-W-24V

Lighting Dimension



Mechanical Information	
Casing Material	Aluminium
Storage & Operating Temperature Range	Temp 0-60°C, Humidity 20-85%
Weight	10000 g
Length / Outer Diameter	610 mm
Width / Inner Diameter	610 mm
Thickness / Height	58 mm

HBAQ-00-560X560-X-W-24V

Optical Information		HBAQ-00-560X560-X-W-24V																							
Part Number		HBAQ-00-560X560-X-W-24V																							
LED Colour		WHITE																							
Wavelength	(nm)	* Refer to the Chromaticity Table Below																							
Intensity (±15%)	(Lux)	20000	18600	17200																					
Working Distance	(mm)	200	220	250																					
Illumination (number of rows)		X																							
Illumination Active Area																									
Active Length	(mm)	560																							
Active Width	(mm)	560																							
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> </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 border="1"> <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
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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)	5760																							
Power Consumption	(W)	138.24																							
Lighting Casing Temperature, Operating after 60 minutes	°C	65.5																							
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. 10 msec) (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 and ST series																							
CE Conformity		YES																							
RoHS Compliance		YES																							
Connection																									
Connector Type (default)		M12 5 PIN CONNECTOR (MALE)																							
Cable Length (out from lighting)	(mm)	700																							
Pin Configuration	Pin	Signal	Cable Colour																						
	1	24V	BROWN																						
	2	-	WHITE																						
	3	GND	BLUE																						
	4	-	BLACK																						
	5	-	GRAY																						
																									
Extension Cable																									
Connector Type (default)		M12 5 PIN CONNECTOR (FEMALE)																							
Part Number		EXT-FL-M12F-3M-24V																							
Cable Length (out from female connector)	(mm)	3000																							
Extension Cable (connect to M12 5 Pin Male Connector from lighting)																									
Application																									
Illumination Type		FRONT LIGHT WITH CENTER HOLE																							
Application Use		APPLICATION THAT INVOLVE WIDE FILED OF VIEW AND REQUIRED UNIFORM LIGHTING																							