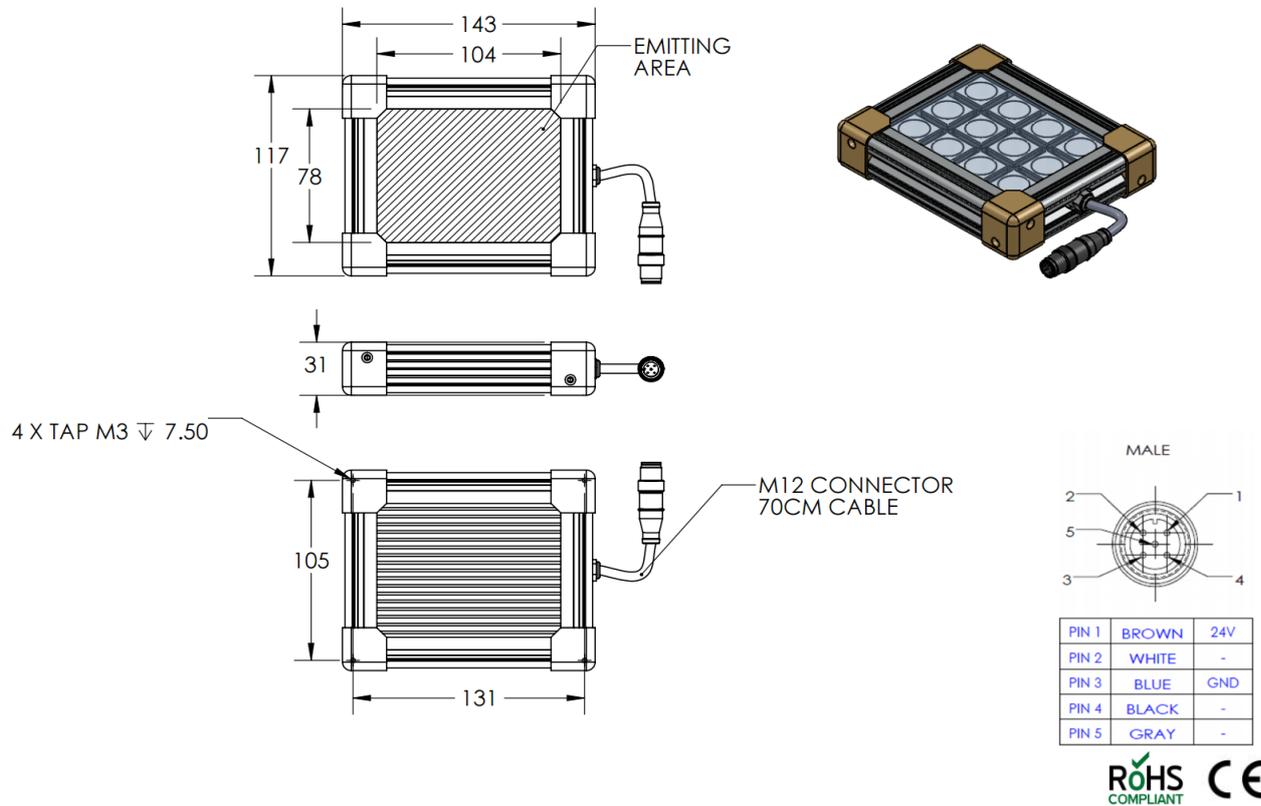


## HBQ3-00-100-3-B-24V

### Lighting Dimension



Mechanical Information	
Casing Material	Aluminium
Storage & Operating Temperature Range	Temp 0-60°C, Humidity 20-85%
Weight	800 g
Length / Outer Diameter	143 mm
Width / Inner Diameter	117 mm
Thickness / Height	31 mm



## HBQ3-00-100-3-B-24V

Optical Information			
Part Number	HBQ3-00-100-3-B-24V		
LED Colour	BLUE		
Wavelength	(nm)	470	
Intensity ( ±15%)	(Lux)	1498	947 483
Working Distance	(mm)	250	350 450
Illumination (number of rows)	3		
Illumination Active Area			
Active Length / Outer Diameter	(mm)	104	
Active Width / Inner Diameter	(mm)	78	
Emission Angle	(deg.)	0	
Eye Safety Class ( IEC62471)	II		
Electrical Information			
Lighting Supply Voltage (constant voltage mode)	24V ± 2%		
Continuous Current	(mA)	210	
Power Consumption	(W)	5.04	
Lighting Casing Temperature, Operating after 60 minutes	°C	42.8	
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)	630	
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	SD / SDA-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	Direct Illumination of High Power Front Light		
Application Use	General illumination, label inspection, character inspection, code recognition, robotic picking, inspection for parts identification & missing parts, visual inspection for large workpiece, measuring stamp dimensions for press products.		

# HBQ3-00-100-3-B-24V

Advantages	Join Bracket (Angle Mount)	L Bracket (Vertical Mount)	L-shaped Plate (Horizontal Mount)
Easy Mounting	