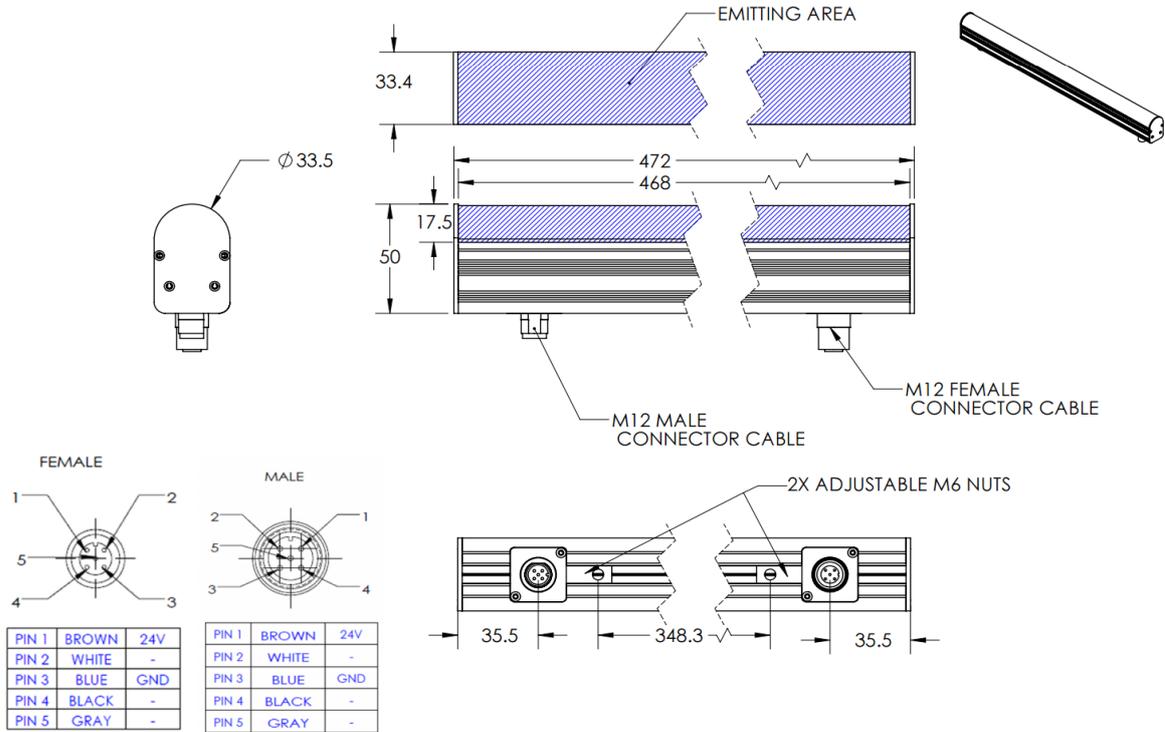


HLBD3-00-480-1-G-24V

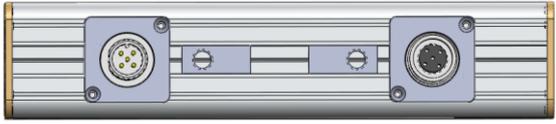
Lighting Dimension



Mechanical Information	
Casing Material	Aluminium
Storage & Operating Temperature Range	Temp 0-60°C, Humidity 20-85%
Weight	748 g
Length / Outer Diameter	472 mm
Width / Inner Diameter	33.4 mm
Thickness / Height	50 mm



HLBD3-00-480-1-G-24V

Optical Information							
Part Number	HLBD3-00-480-1-G-24V						
LED Colour	GREEN						
Wavelength	(nm)	525					
Intensity (±15%)	(Lux)	TBA	TBA	TBA	TBA	TBA	TBA
Working Distance	(mm)	90	100	110			
Illumination (number of rows)	1						
Illumination Active Area							
Active Length / Outer Diameter	(mm)	468					
Active Width / Inner Diameter	(mm)	33.4					
Emission Angle	(deg.)	0					
Eye Safety Class (IEC62471)	EXEMPT						
Electrical Information							
Lighting Supply Voltage (constant voltage mode)	24V ± 2%						
Continuous Current	(mA)	612					
Power Consumption	(W)	14.69					
Lighting Casing Temperature, Operating after 60 minutes	°C	47.1					
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. 10 msec) (constant current power supply)	(mA)	1836					
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	ST/SDA-Series						
CE Conformity	YES						
RoHS Compliance	YES						
Connection							
Connector Type (default)	M12 5 PIN MALE CONNECTOR			M12 5 PIN FEMALE CONNECTOR			
Cable Length (out from lighting)	(mm)	-					
Pin Configuration	Pin	Colour	Signal	Pin	Colour	Signal	
	1	Brown	24V	1	Brown	24V	
	2	White	-	2	White	-	
	3	Blue	GND	3	Blue	GND	
	4	Black	-	4	Black	-	
	5	Gray	-	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	Diffused Illumination						
Application Use	Character recognition on shining surface, lead inspection.						