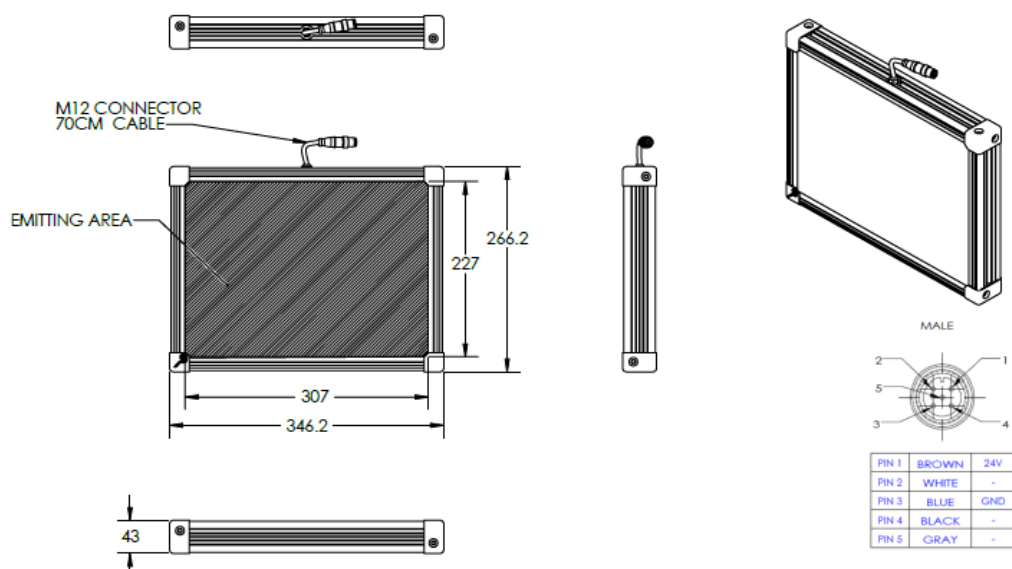


HBBX-00-240X320-X-R-24V

Lighting Dimension



Mechanical Information	
Casing Material	Aluminium
Storage & Operating Temperature Range	Temp 0 - 45°C, Humidity 20-85%
Weight	2280 g
Length / Outer Diameter	346.2 mm
Width / Inner Diameter	266.2 mm
Thickness / Height	43 mm



HBBX-00-240X320-X-R-24V

Optical Information											
Part Number		HBBX-00-240X320-X-R-24V									
LED Colour		RED									
Wavelength	(nm)	630									
Intensity (±15%)	(Lux)	8424				7740				7380	
Working Distance	(mm)	10				20				30	
Illumination (number of rows)		X									
Illumination Active Area											
Active Length / Outer Diameter	(mm)	307									
Active Width / Inner Diameter	(mm)	227									
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)		24V ± 2%									
Continuous Current	(mA)	1440									
Power Consumption	(W)	34.56									
Lighting Casing Temperature, Operating after 60 minutes	°C	53.8									
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)	4320									
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 and 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		Backlight Illumination									
Application Use		Lead frame inspection,sharpe recognition,size measurement									