HBBX-00-160X240-X-R-24V

Lighting Dimension
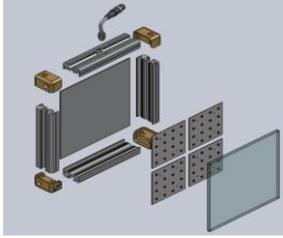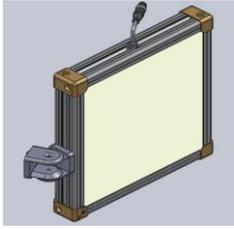
M12 CONNECTOR 70CM CABLE

EMITTING AREA

186.2
147
227
266.2
43

MALE

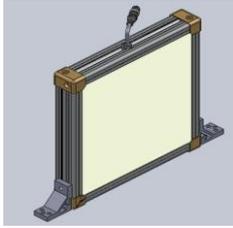| PIN 1 | BROWN | 24V |
PIN 2	WHITE	-
PIN 3	BLUE	GND
PIN 4	BLACK	-
PIN 5	GRAY	-

RoHS COMPLIANT CE
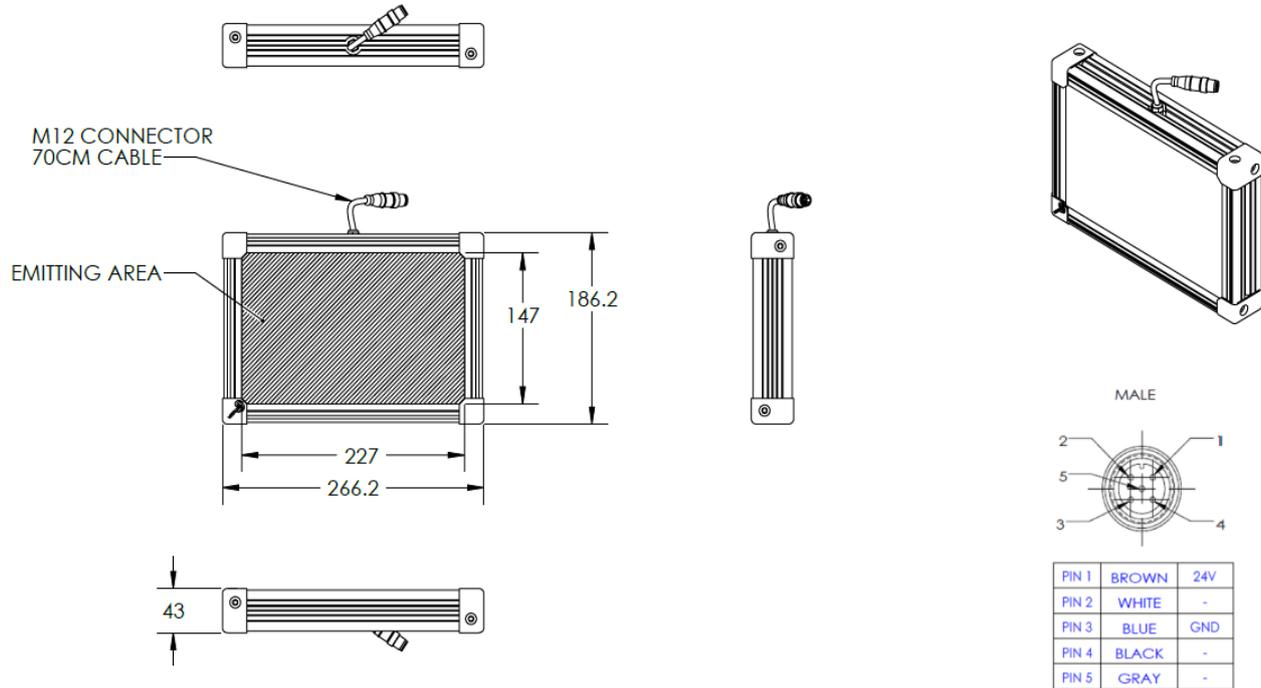
Mechanical Information	
Casing Material	Aluminium
Storage & Operating Temperature Range	Temp 0-60°C, Humidity 20-85%
Weight	1500 g
Length / Outer Diameter	266.2 mm
Width / Inner Diameter	186.2 mm
Thickness / Height	43 mm

HBBX-00-160X240-X-R-24V

Optical Information				
Part Number		HBBX-00-160X240-X-R-24V		
LED Colour		RED		
Wavelength	(nm)	630		
Intensity (±15%)	(Lux)	7740	7068	6372
Working Distance	(mm)	10	20	30
Illumination (number of rows)		X		
Illumination Active Area				
Active Length	(mm)	227		
Active Width	(mm)	147		
Emission Angle	(deg.)	0		
Eye Safety Class (IEC62471)		EXEMPT		

Electrical Information		
Lighting Supply Voltage (constant voltage mode)		24V ± 2%
Continuous Current	(mA)	720
Power Consumption	(W)	17.28
Lighting Casing Temperature, Operating after 60 minutes	°C	47.7

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)	2160
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		Backlight Illumination
Application Use		Lead frame inspection, shape recognition, size measurement

HBBX-00-160X240-X-R-24V

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