



## BB 1 6WAY POWERBAR hardwired

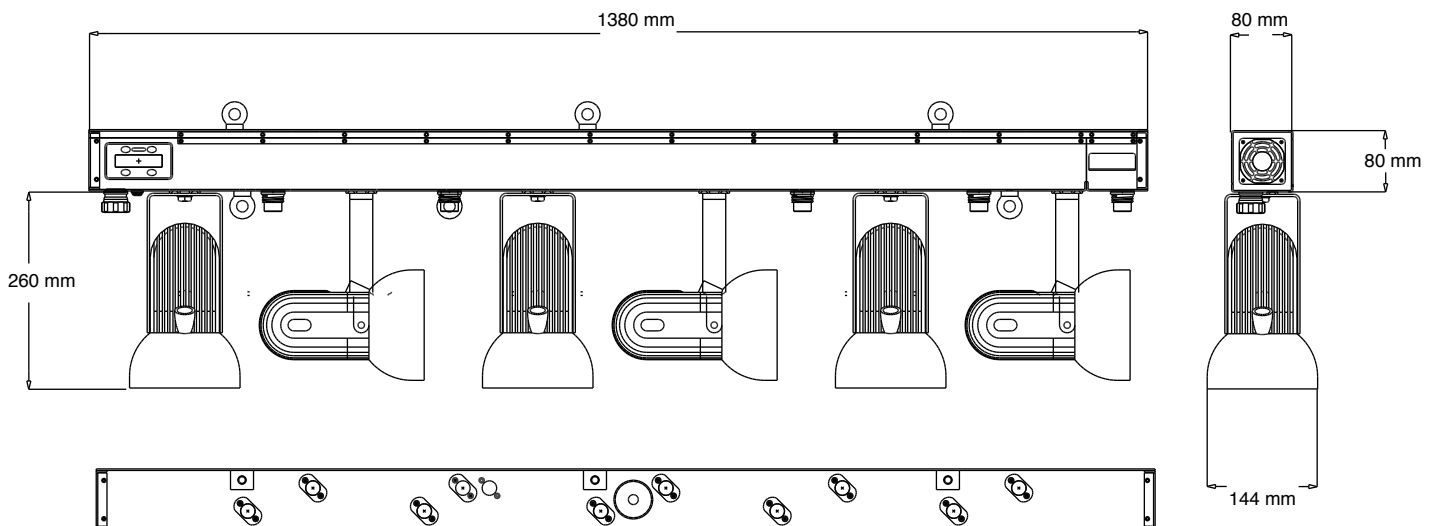
Two rigging formats for the BB1 are the 4 and 6 way Powerbars. These bars feature built-in power supplies and multiple rigging points for omega brackets. The bars also feature battery inlet points. The 4 and 6 lamp Power Bar is yet another versatile way in which our BB1 LED fixtures can be deployed. The user interface will receive and transmit either 8 or 16 bit DMX to the fixtures, and will run in stand-alone mode. This function allows 6 BB1 Fixtures to output simultaneously one of up to 20 pre-programmable single colour memories or a chase running through any of these memories.

The Power Bar is fitted with Camlock mounts for connecting to the Omega bracket to facilitate quick and easy truss or boom rigging. As well as these suspension points, there is a centrally located spigot position for rigging onto stands of all types.

Combined power and data in and outs are useful for feeding multiple Power Bars from a single power/data feed. A tough (optional) rain cover is available for outdoor use, and the Power Bar is also fitted with a connection for the attachment of a remote battery and wireless DMX facility. The Power Bar provides low voltage to the BB1 and is equipped with an onboard user interface. This allows each fixture to be individually addressed and the 'operating' mode to be adjusted. Both power and data are fed neatly through a combined data/LV power cable.

### KEY FEATURES

- 6 x data & low voltage outputs
- Interface control of 4 RDM DMX units
- Variable Ac voltage input
- Battery input
- Through Ac and data output
- Stand alone function allows 6 BB1 Fixtures to output simultaneously one of up to 20 pre-programmable single colour memories or a chase running through any of these memories.
- 6 M10 rigging points are supplied to mount either BB 1 types to the bar
- 6 safety points are provided for each BB1



## 6 WAY POWERBAR TECHNICAL SPECIFICATIONS ( HARDWIRED )

### Dimensions:

▪ Length	1380 mm
▪ Height	340 mm
▪ Width	144 mm
▪ Weight	22.9Kg

### Mechanical design & materials:

▪ Box	folded and welded steel
▪ Finish	Electro static powder coated black satin
▪ BB 1 Body	one piece cast alloy
▪ BB 1 Front	plastic polycarbonate front cover with stainless steel retaining ring and dual rubber seal for underwater capability
▪ BB 1 Yoke	folded stainless steel

### Rigging:

▪ Style	10 ¼ turn camloc fasteners
▪ Number of positions	5 rigging locations bar

Note: unit comes with two Omega rigging bracket to accept 12mm bolts,

### Electrical:

▪ Input	90- 265 Volt 50/60 Hz
▪ Current	0.75 amps @ 240 volts
▪ Power	180 watts total power on full @ 240 volts
▪ Fuse	20mm x 5mm slow blow 4 amp
▪ Input	chassis mounted IP67 6 pin ( Combined power and data connection )
▪ Through Output	chassis mounted female IP67 6 pin ( Combined power and data connection )
▪ Low Voltage Output	6 x chassis mounted IP67 glands ( Combined low voltage power and data connection )

Note; units comes complete with 16 amp plug and 5 pin male.

### Control:

▪ User interface	weatherproof backlit lcd display with four membrane switches
▪ Data type	USITT DMX512-A & RDM DMX

### Thermal characteristics:

▪ Operating temperature	force air cooled via low airflow/ low noise fans Minimum: -20 degrees C, Maximum:+ 46 degrees C
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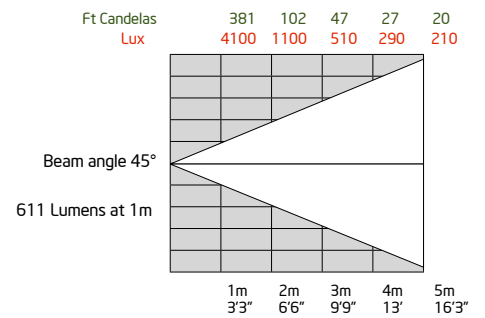
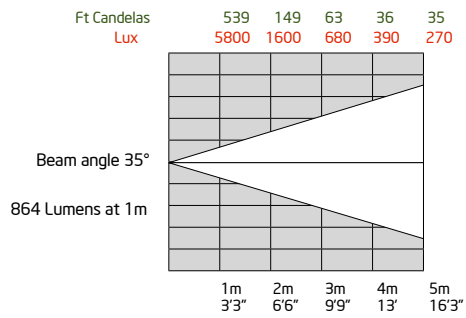
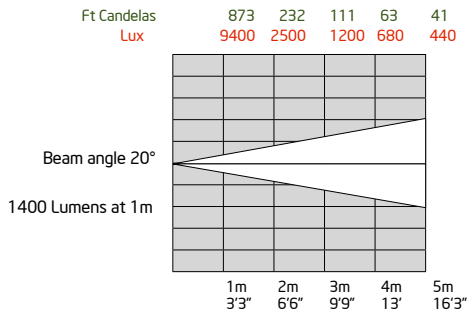
### Weather protection:

▪ Humidity max	Rated to IP65 20% ~ 90% RH non-condensing
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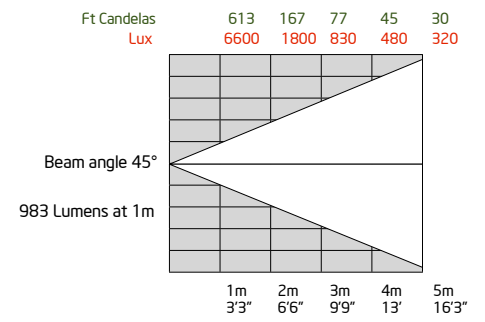
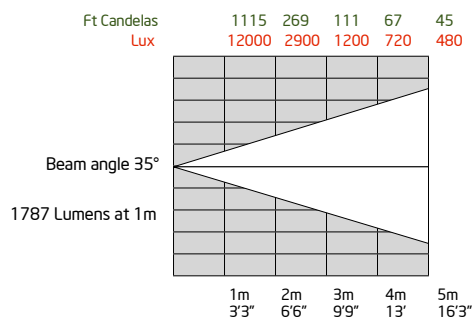
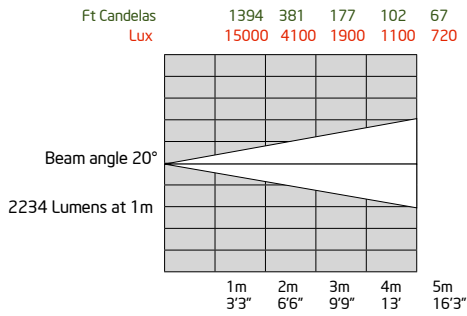
### Approvals & Compliance:

BS EN 55103-1	Harmonics
BS EN 55103-2	Immunity
BS EN 61000-3-2	Emissions
USA / Canada	ETL pending

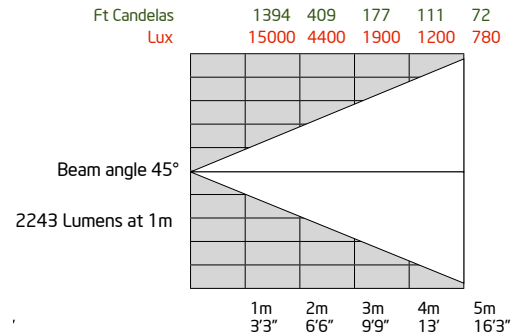
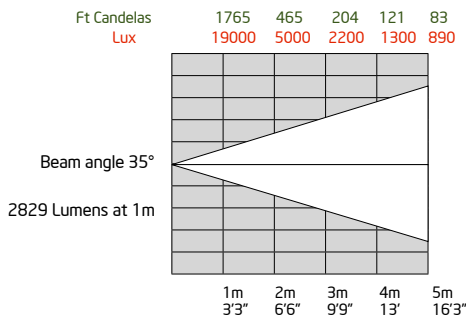
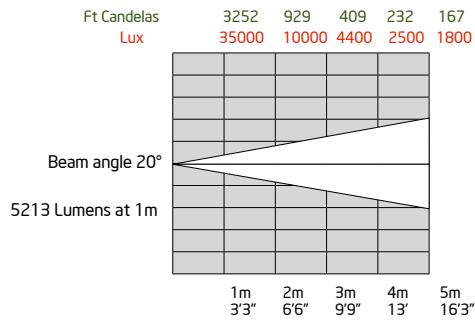
## PHOTOMETRICS for 1 x BB1 with the RGB LIGHT ENGINE



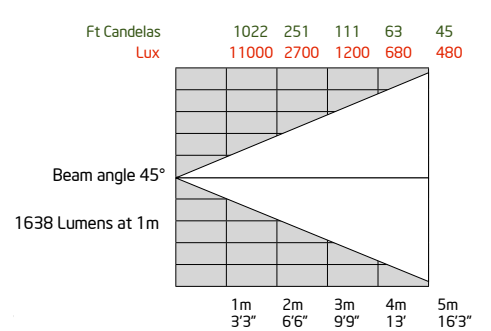
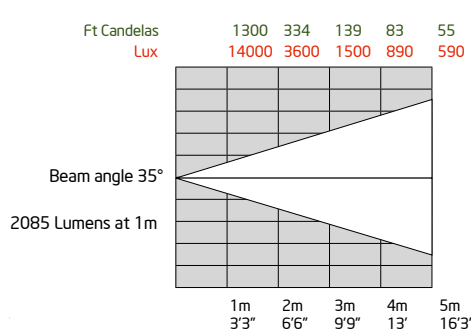
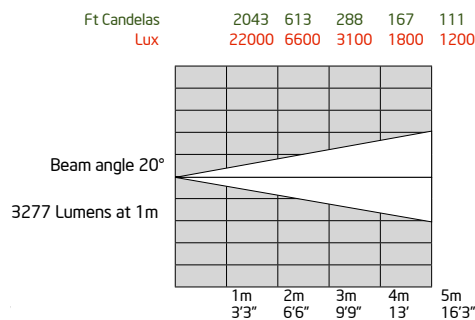
## PHOTOMETRICS for 1 x BB1 with the RGB+40% LIGHT ENGINE



## PHOTOMETRICS for 1 x BB1 with the DAYLIGHT WHITE 6500°K



## PHOTOMETRICS for 1 x BB1 with the WARM WHITE 3600°K



## ORDERING THE BB1 6 WAY POWERBAR ( HARDWIRED )

When ordering the BB1 6 Way powerbar ( hardwired ) please specify the following options

1	2	3	4	5
BB1 PRODUCT CODE	FINISH	L.E.D.s	OPTICS	INPUT CABLES
<b>P484</b>	<b>BL</b>	<b>RGB</b>	<b>20</b>	<b>EU</b>

code / 2 FINISH	code / 3 L.E.D.s	code / 4 OPTICS	code / 5 INPUT CABLES
<b>BL</b> Black satin powder coated	<b>RGB</b> RGB	<b>20</b> 20°	<b>EU</b> European (16A + 5pin male)
<b>WH</b> White powder coated	<b>RGB+</b> RGB + 40	<b>35</b> 35°	
<b>GR</b> Grey powder coated	<b>DW</b> Daylight White (6500°K)	<b>45</b> 45°	<b>USA</b> American (Edison + 5pin male)
<b>RAL</b> RAL Colour (with number)	<b>WW</b> Warm White (3600°K)		<b>BARE</b> Tails (mains tail + 5pin male)
	<b>TW</b> Tunable White (3600°K - 6500°K)		

## ACCESSORIES FOR THE BB1 6 WAY POWERBAR ( HARDWIRED )

Order Code:	Accessory:	Description:
p313	Input cable	male 16A ceep & male 5 pin xlr to female 6 pin combined power & data
p314	Output cable	male 6 pin combined power & data to female 16A ceep & female 5 pin xlr
p381	6pin Extension cable 1m	1m combined power & data cable
p382	6pin Extension cable 2.5m	2.5m combined power & data cable
p383	6pin Extension cable 5m	5m combined power & data cable
p389	6pin Extension cable 10m	10m combined power & data cable
p403	Battery Bag	Waterproof bag for battery & wireless dmx
p404	with wireless dmx	Waterproof bag containing city theatrical wireless dmx & system cabling

For further information, cad files, tech specs, case studies and technical support contacts please refer to our website [www.i-pix.com](http://www.i-pix.com)