

# i-PIX

## BB4



The BB4 is an original fixture design from lighting people for lighting people with an environmental conscience.

The BB4 is a powerful led fixture with a new generation of combined RGB high power leds with homogenized output. Designed for a life on tour and packed full of control versatility and rigging/ de-rigging simplicity. This fixture can be used outdoors as well as indoor in fixed installations or traveling around the world.

### KEY FEATURES

Energy efficient additive colour mixing and static colour device  
customised RGB LED

Efficient heat dissipation of both led heat and control section  
Self contained device

Built in user interface for additional functionality

Built in functions for dmx use and stand alone use

A variety of different operating modes are provided for differing applications

Super fast strobe from constant on to a slow pulse, colour oscillations are possible

4 x 20° optics

Accessory slot for optical accessories

Easy connect of data with 5pin xlr's from supplied splitters

Easy power input and output for daisy chaining adjacent units 16 amps max from splitters provided

Combined data and power cable chassis connections for tidy single cable setups

Stand alone function provides memory storage

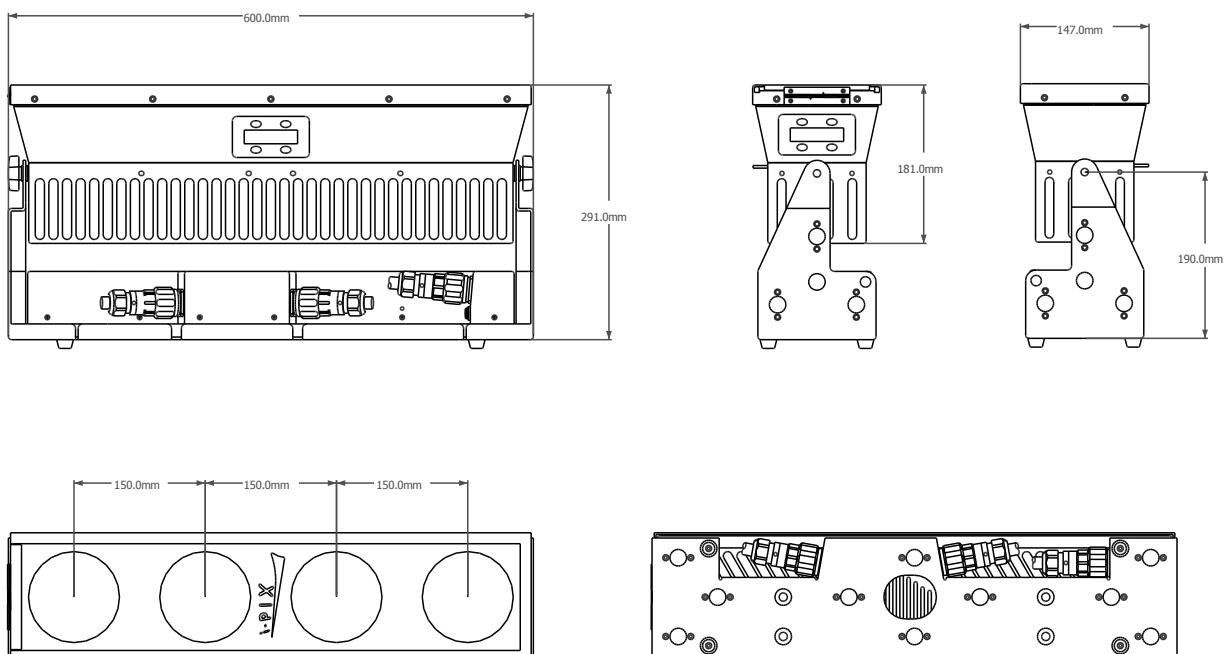
A stand alone chase sequence of using specified memories

Outputs dmx to other fixtures within the same dmx range

Auto ranging power input 100v to 240 volts, ideal for touring globally

Dual safety points provided as standard

Flightcase packages available along with accessories



**Dimensions:**

▪ Length	600 mm
▪ Height	301 mm
▪ Width	147 mm
▪ Weight	13.5Kg

**Mechanical design & materials:**

▪ Batten	aluminium shrouded finned diagonal heatsink
▪ Power box	aluminium with steel base
▪ Yoke	folded and welded steel
▪ Finish	Electro static powder coated black satin

**Rigging:**

▪ Style	16 ¼ turn camloc fasteners
▪ Number of positions	8 rigging locations on yoke
▪ Accessory holder	fitted with sprung retention flap
▪ Conventional mounts	2 of 12mm bolt holes fitted at each yoke end

Note: unit comes with three Omega rigging brackets to accept 12mm bolts,

**Electrical:**

▪ Input	90- 265 Volt 50/60 Hz
▪ Current	0.5 amps @ 240 volts
▪ Power	120 watts total power on full @ 240 volts
▪ Fuse	20mm x 5mm slow blow 2 amp
▪ Input	chassis mounted male IP67 6 pin ( Combined power and data connection )
▪ Output	chassis mounted female IP67 6 pin ( Combined power and data connection )

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

**Control:**

	RGB additive colour mixing
▪ DMX channels	3 channels minimum 36 channels maximum
▪ User interface	weatherproof backlit lcd display with four membrane switches
▪ Data type	USITT DMX512-A

**Output:**

▪ Source	customised RGB LED light engine
▪ Optics	4 x 20° optics

**Thermal characteristics:**

▪ Fixture front	hermetically sealed to IP67
▪ Power box	mounted horizontally facing upwards, Rated to IP65
▪ Operating temperature	Minimum: -20 degrees C, Maximum:+ 46 degrees C

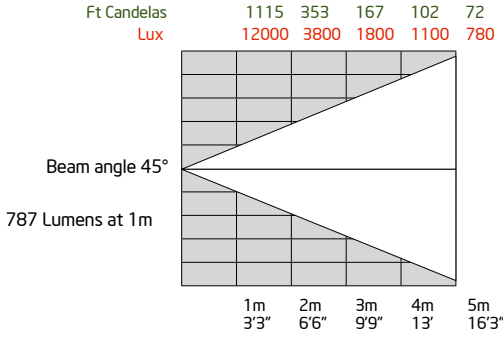
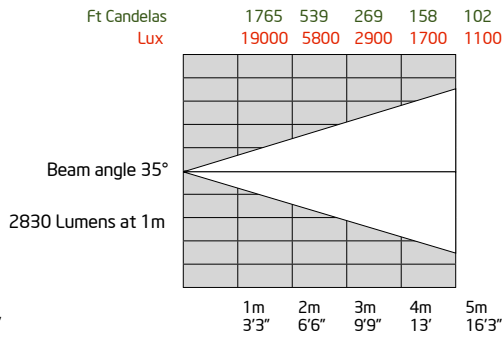
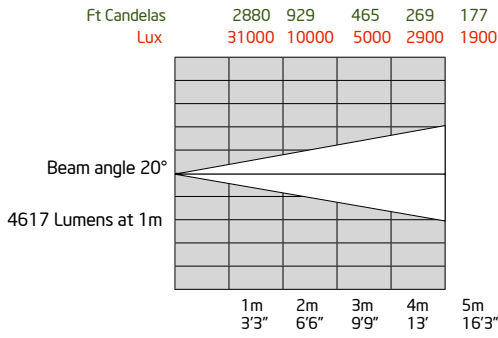
**Weather protection:**

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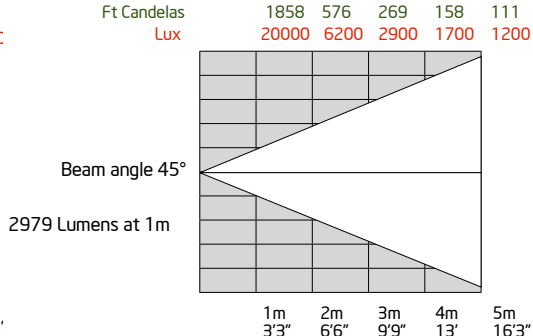
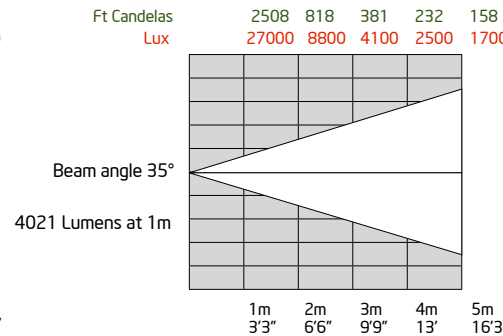
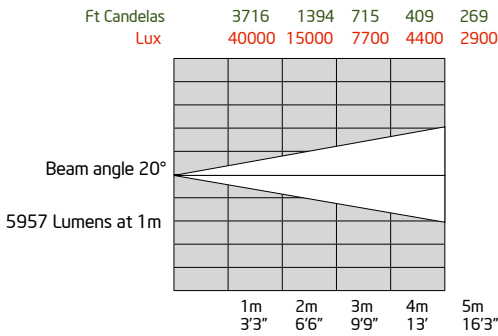
**Approvals & Compliance:**

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

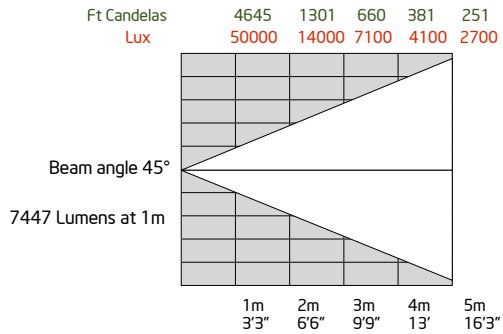
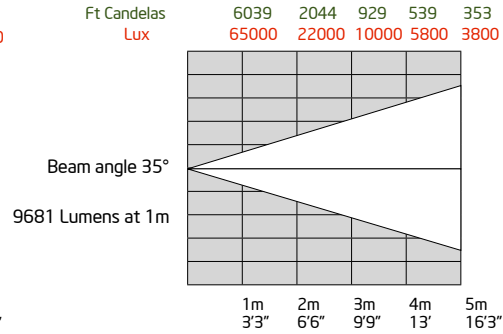
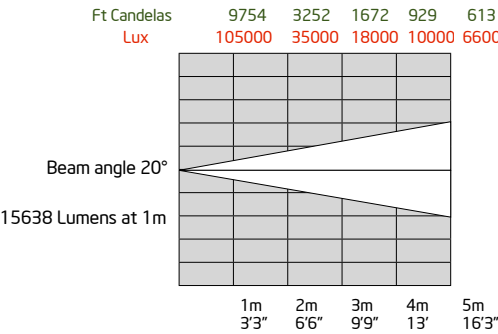
## Photometrics for RGB



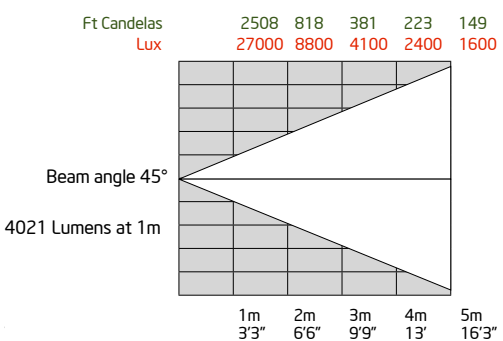
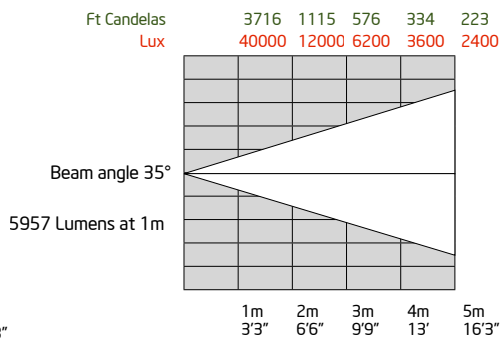
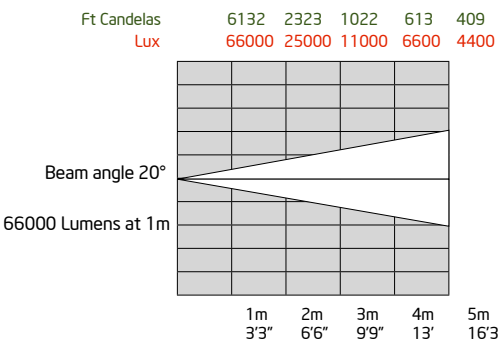
## Photometrics for RGB+40%



## Photometrics for Daylight White 6500°K



## Photometrics for Warm White 3600°K



## ORDERING THE BB 4

When ordering the BB 4 please specify the following options

1	2	3	4	5
<b>BB2 PRODUCT CODE</b>	<b>FINISH</b>	<b>L.E.D.s</b>	<b>OPTICS</b>	<b>INPUT CABLES</b>
<b>P299</b>	<b>BL</b>	<b>RGB</b>	<b>20</b>	<b>EU</b>

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

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
p310	1 way hanging frame	vertical suspension frame for 1 BB 4
p311	2 way hanging frame	vertical suspension frame for 2 BB 4s
p319	Asymmetric optic set	4 optics that create an even cyc spread
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)