

BB 7

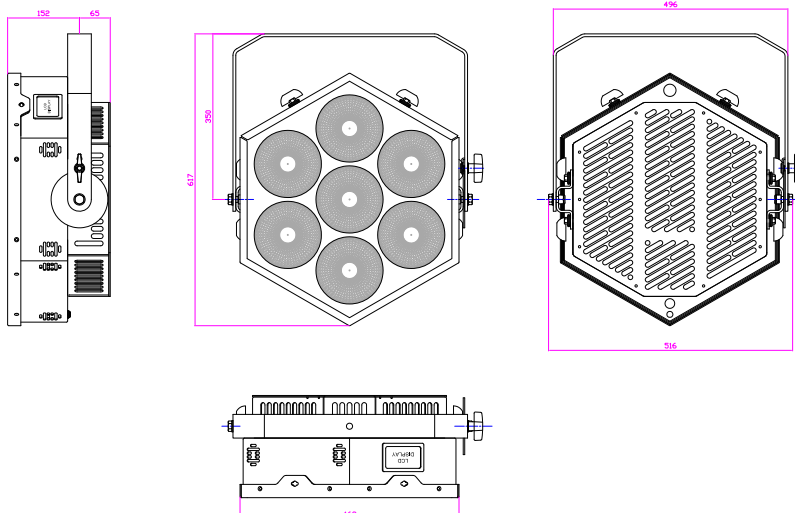


The BB 7 is a beamlight, washlight or floodlight in one fixture. With easy swap over of optics it is possible to configure the fixture to suit your application. Split beam 10/ 35 degree optics further enhances the fixtures versatility

Seven custom light engines provide superior color and intensity. Only 210 watts /0.9 amps at 240 volts. A distinctive hexagonal form with seven RGB optics gives this led fixture a unique appearance. A range of ten different 8 and 16 bit operating modes allow for various setups

KEY FEATURES

- Energy efficient additive high power colour mixing
- 10,20 or 35 degree optics
- Easily remove and replace optics in about a minute.
- Customized RGB light engines for increased colour and intensity performance
- 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
- Ten degree beam angle as standard
- Optional accessory slot for adding 'top hat style secondary glare reducer
- 16 amp and 5 pin XLR input accessory cable supplied
- Easy single cable connection via 1.5 metre power and data input
- Chassis mounted combined power and data output for daisy chaining adjacent units 16amps max
- Stand alone function provides memory storage
- A stand alone chase sequence of using specified memories
- 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 615 mm overall height from yoke top to point at base
- Depth 217 mm overall depth
- Width 516 mm overall width with standard yoke fitted
- Weight 23.7Kg total with standard yoke

Mechanical design & materials:

- Batten aluminium shrouded finned diagonal heatsink
- Yoke folded steel
- Finish Electro static powder coated black satin

Rigging:

- Style 4 ¼ turn camloc fasteners which yoke/rigging options attach to
- Accessory holder 2 x ¼ turn camloc fasteners which fix the accessory retention plate
- Conventional mounts 1 x 12mm bolt hole centre of yoke

Electrical:

- Input 90- 265 Volt 50/60 Hz
 - Current 0.9 amps @ 240 volts
 - Power 210 watts total power on full @ 240 volts
 - Fuse 20mm x 5mm slow blow 8 amp
 - Input trailing 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:

- DMX channels RGB additive colour mixing
- User interface 3 channels minimum 63 channels maximum
- Data type weatherproof backlit lcd display with four membrane switches
USITT DMX512-A

Output:

- Source customised RGB LED light engine
- Optics 7 x 10° interchangeable optics with 20°,35° & 45° interchangeable optics also available

Thermal characteristics:

- Operating temperature Minimum: -20 degrees C, Maximum:+ 46 degrees C

Weather protection:

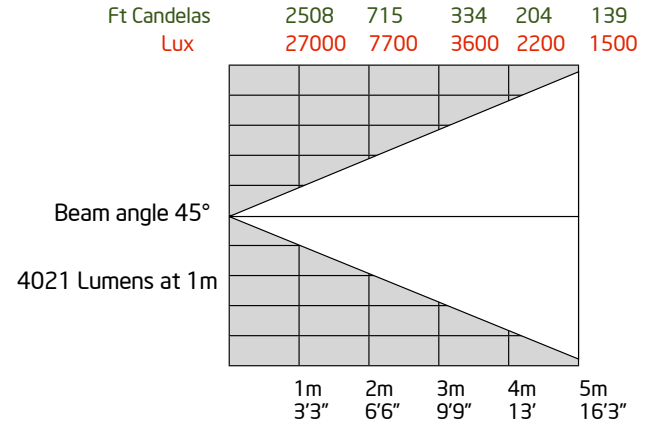
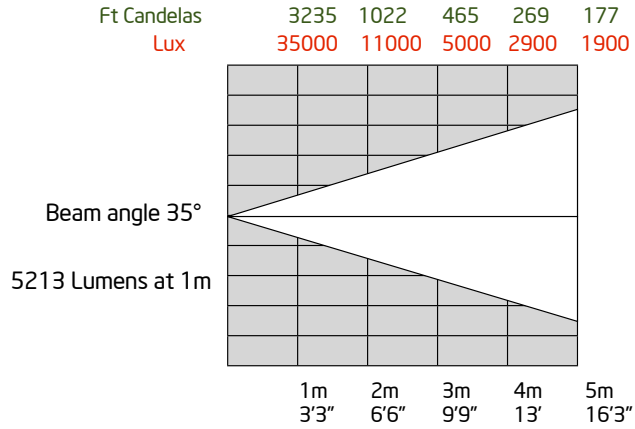
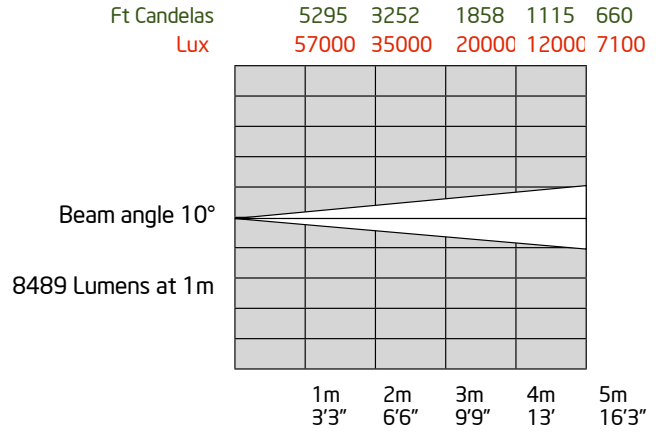
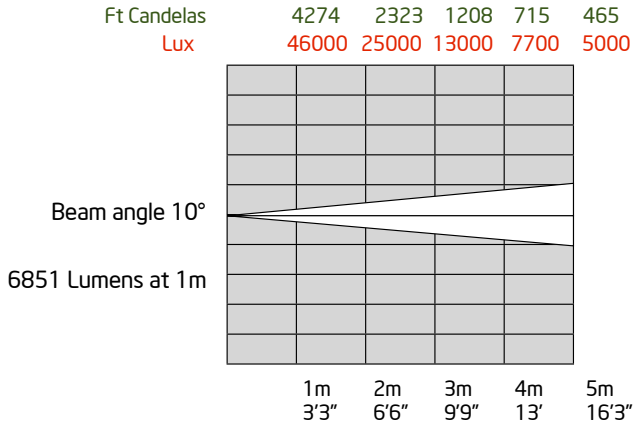
- Humidity max This fixture will work outside with optional weather proofing, otherwise IP20

20% ~ 90% RH non-condensing

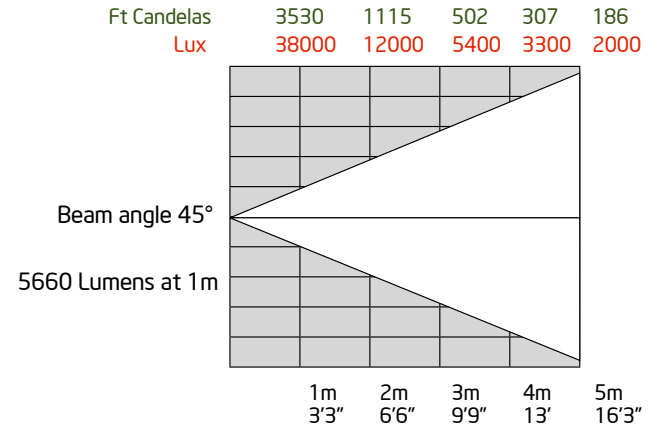
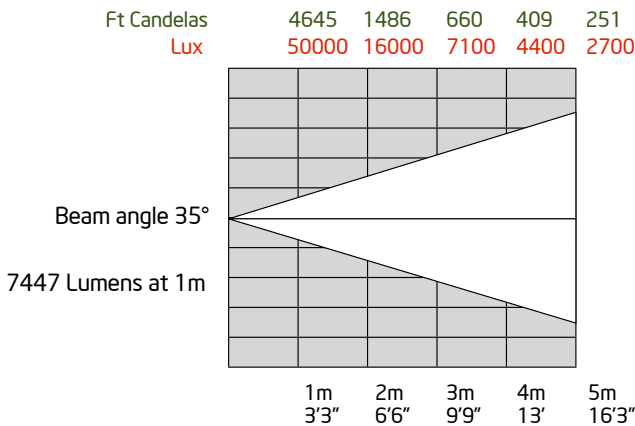
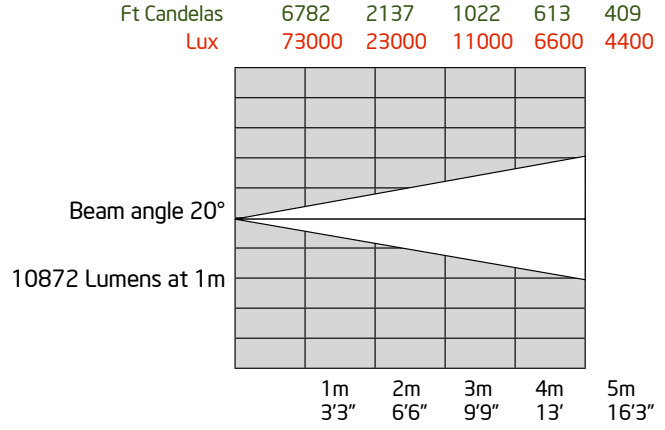
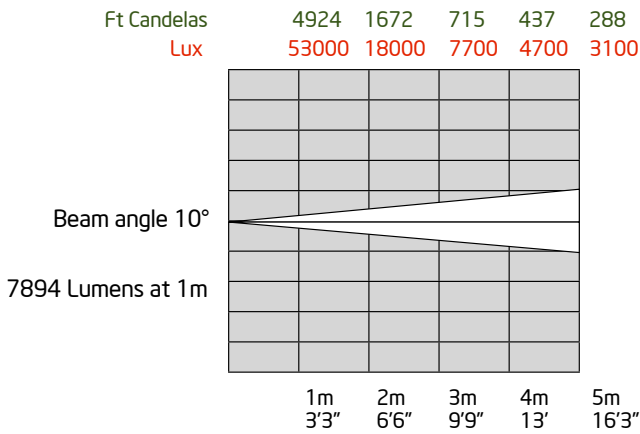
Approvals & Compliance:

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

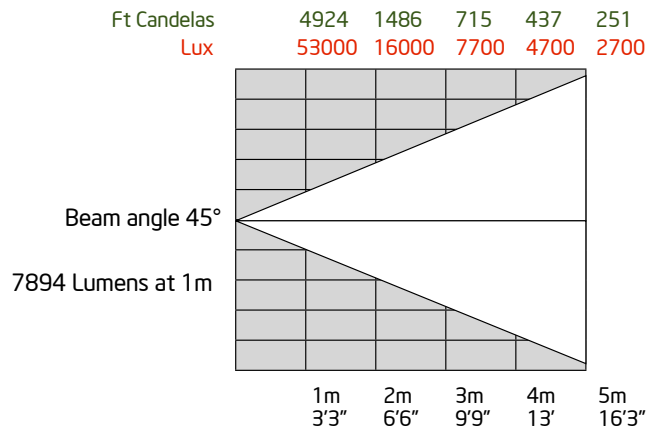
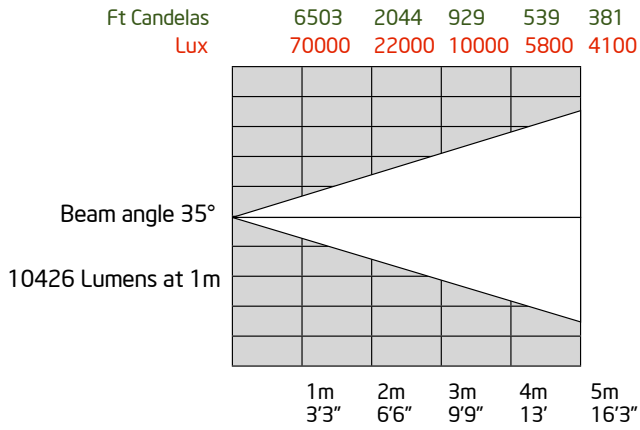
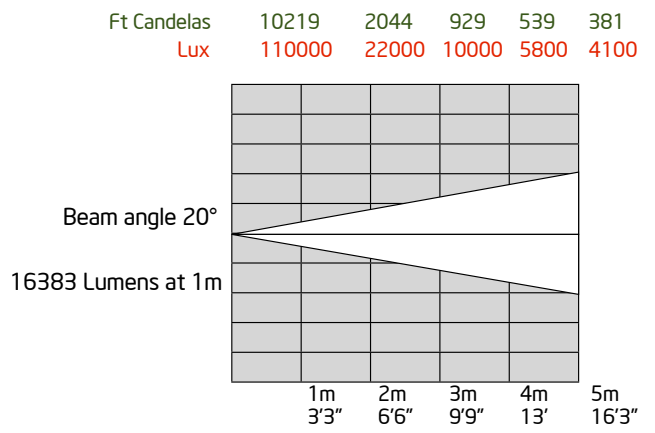
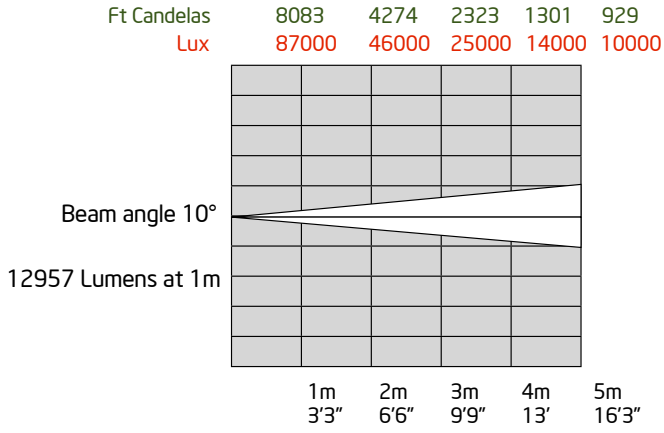
Photometrics for RGB BB 7



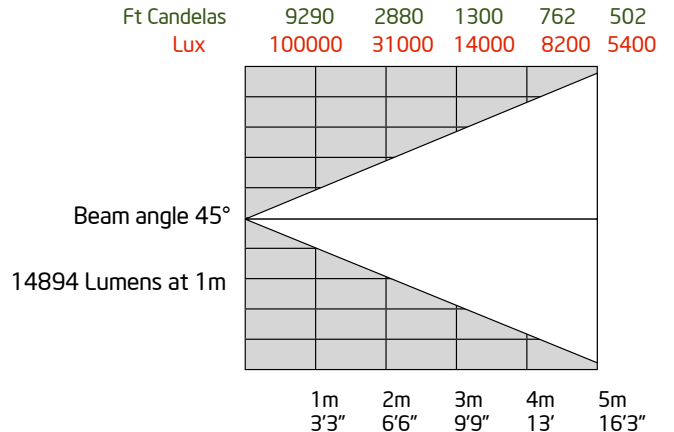
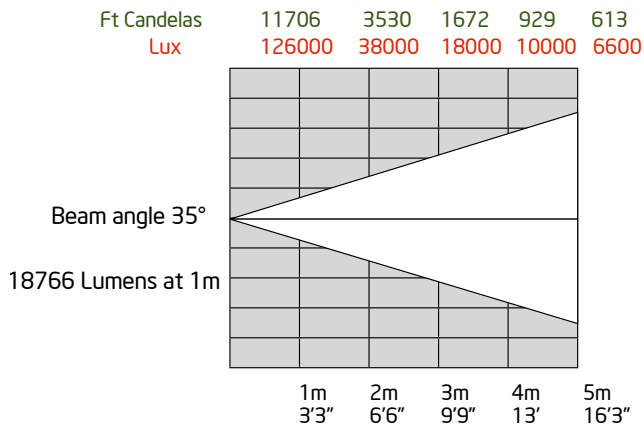
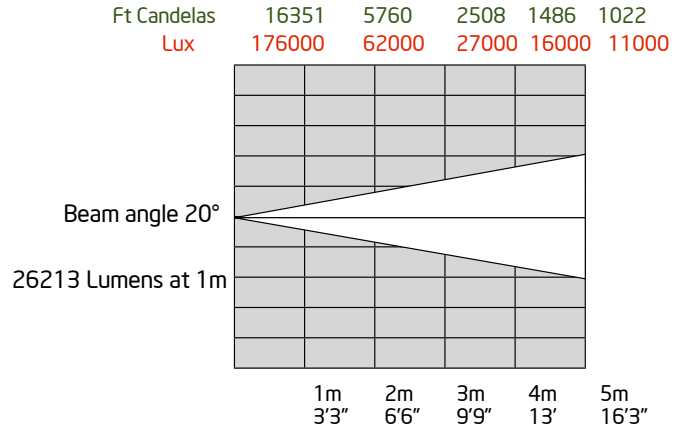
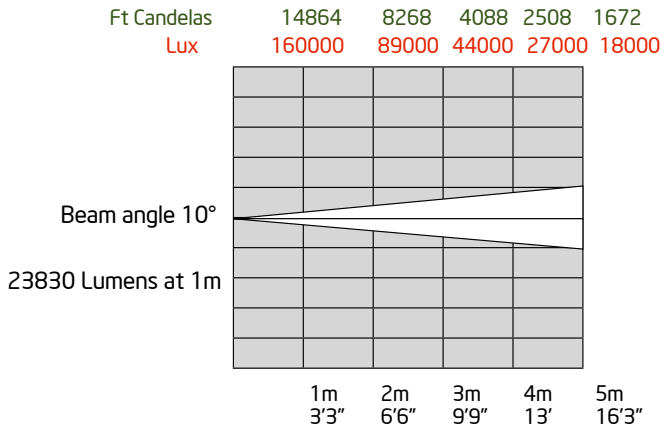
Photometrics for RGB+40% BB 7



Photometrics for Warm White 3600°K BB 7



Photometrics for Daylight White 6500°K BB 7



ORDERING THE BB 7

When ordering the BB3 please specify the following options

1	2	3	4	5
BB2 PRODUCT CODE	FINISH	L.E.D.s	OPTICS	INPUT CABLES
P300	BL	RGB	20	EU
code / 2 FINISH BL Black satin powder coated WH White powder coated GR Grey powder coated RAL RAL Colour (with number)	code / 3 L.E.D.s RGB RGB RGB+ RGB + 40 DW Daylight White (6500°K) WW Warm White (3600°K) TW Tunable White (3600°K - 6500°K)	code / 4 OPTICS 10 10° 20 20° 35 35° 45 45°	code / 5 INPUT CABLES EU European (16A + 5pin male) USA American (Edison + 5pin male) BARE Tails (mains tail + 5pin male)	

ACCESSORIES FOR THE BB 7

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
p500	Set of 10° optics	3 x interchangeable 10° optics
p501	Set of 20° optics	3 x interchangeable 20° optics
p502	Set of 35° optics	3 x interchangeable 35° optics
p503	Set of 45° optics	3 x interchangeable 45° optics
p387	freestanding yoke	floor/surface mounting yoke

For further information, cad files, tech specs, case studies
and technical support contacts please refer to our website
www.i-pix.com