



PULSAR  
**LUXEOS18 VIVID COLOUR**  
 LED FLOOD FOR ARCHITECTURAL LIGHTING



A high performance LED floodlight exceeding 5,000+ Lumens with Red, Green, Blue and White (CRI90+) LEDs.

**LIGHT OUTPUT: BEST IN CLASS**

Calling upon our 45+ years of lighting expertise, our custom light engines deliver vibrant, internally mixed colour and exceptional light output.

**HIGH PERFORMANCE**

Up to 5,000+ lm output.

Flicker Free.

100,000 hours L70 at 50°C.

**TRUE THERMAL DESIGN**

- Convection cooled for completely silent operation
- Intelligent thermal management
- Precision engineered housing

**DURABLE AND RELIABLE**

Waterproof and weatherproof to IP66 with an IK09 rating  
 Machined from a solid block of aluminium  
 Corrosion resistant as standard  
 Toughened glass & marine grade fasteners

**CUSTOMISE TO YOUR SPECIFICATION**

Designed in Cambridge, made in Cambridge, UK.  
 We can build the Luxeos to meet your specification; customisation options include:

- RAL paint finishes
- Bespoke mounting brackets
- Comprehensive range of beam angles are available
- Single colour options

**KEY TECHNICAL DATA**

130W Power	5K+ Lumens	120 - 277 V Voltage	IP66 + IK09 Protection	DMX RDM Control	5 YEAR Guarantee
---------------	---------------	------------------------	---------------------------	--------------------	---------------------

**LED COLOUR OPTIONS**



Also available in VW and Fixed CCT; Please refer to Luxeos Vibrant White Range

**PRODUCT BEAM ANGLE OPTIONS**

**CIRCULAR BEAMS**

10 (Native), 15, 20, 30, 40, 60, 80 degree

**ELLIPTICAL BEAMS (can be rotated through 90deg)**

10x30, 10x40, 15x40, 10x20, 10x50 degree  
 10x60, 35x75, 90x25 degree

**MOUNT OPTIONS**



**Pulsar Light of Cambridge Ltd**  
 3 Coldhams Business Park, Norman Way, Cambridge CB1 3LH  
 www.pulsarlight.com | sales@pulsarlight.com | +44 (0) 1223 403 500



PULSAR

# LUXEOS18 VIVID COLOUR

LED FLOOD FOR ARCHITECTURAL LIGHTING

LUXEOSRANGE: FLOOD

## Technical Specification

Light	LED Type	Quad RGBW	Red	Green	Blue	Cyan	Amber	
	No. of LEDs	72	54	54	54	54	54	
	CRI	90+ (white)						
	Wavelength CCT (Colour Temp K)	<b>R</b> 624 - 634nm <b>G</b> 525 - 530nm <b>B</b> 445 - 450nm <b>W</b> 2200 - 5000 (CRI80) 2700 - 5700 (CRI90)	624nm ↓ 634nm	525nm ↓ 530nm	445nm ↓ 450nm	490nm ↓ 510nm	585nm ↓ 595nm	
	Lumen maintenance	100,000 hours L70 at 50°C						
<b>Electrical</b>	Power input	120 - 277 V AC @ 50/60Hz						
	Wattage	130 W						
	Control	Resolution - 8bit (with intelligent smoothing) DMX512 - 4 DMX channels RDM - Remote Device Management for easy setup Thermal - Automatic Thermal Management built in						
<b>Physical</b>	Dimensions (Height x Width x Depth)	438 x 421 x 191mm (Including Mount)						
	Weight	13 kg ( 28.7lbs) - Including mounting options						
	Material and finish	Machined aluminium, powder coated in a standard or custom finish - corrosion pre-treatment as standard						
	Lens and front glass	Acrylic lenses and toughened front glass						
	Cables/connectors	1 x 0.8m - Power, DMX, to hard wired termination box + Custom options available						
	Mount options	Multi-purpose / Custom upon request						
	Temperature range	-20 - +50°C						
	Ingress protection	IP66 / IK09 - Housing specifically designed to drain standing water						
	Environment	Dry conditions and damp or wet interior/exterior environments						

We may make technical changes to either improve our products or to meet the very latest statutory requirements. The details on this data sheet are intended as a guide only.



**Pulsar Light of Cambridge Ltd**

3 Coldhams Business Park, Norman Way, Cambridge CB1 3LH  
www.pulsarlight.com | sales@pulsarlight.com | +44 (0) 1223 403 500

PULSAR CUTSHEET  
VERSION 1.1  
7644.CUT