PULSAR

LUXEOS36 VIVID COLOUR
LED FLOOD FOR ARCHITECTURAL LIGHTING

A high performance LED floodlight exceeding 10,000+ 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 **10,000+ 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

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

KEY TECHNICAL DATA

280W	10K+	100 - 277 V	IP66 + IK09	DMX RDM	5 YEAR
Power	Lumens	Voltage	Protection	Control	Guarantee

LED COLOUR OPTIONS

Quad RGBW	Red	Green	Blue	Cyan	Amber

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

MOUNT OPTIONS

Surface	Surface	Surface	Custom

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

LUXEOS36 VIVID COLOUR
LED FLOOD FOR ARCHITECTURAL LIGHTING

Technical Specification

Light	LED Type	Quad RGBW	Red	Green	Blue	Cyan	Amber	
	No. of LEDs	144	108	108	108	108	108	
	CRI	90+ (white)						
	Wavelength CCT (Colour Temp K)	**R** 624 - 634nm **G** 525 - 530nm **B** 445 - 450nm **W** 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						
Electrical	Power input	100 - 277 V AC @ 50/60Hz						
	Wattage	280 W						
	Control	Resolution - 8bit (with intelligent smoothing) DMX512 - 4 DMX channels RDM - Remote Device Management for easy setup Thermal - Automatic Thermal Management built in						
Physical	Dimensions (Height x Width x Depth)	438 x 421 x 191mm (Including Mount)						
	Weight	23 kg (50lbs) - 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.