

FLX163 (25W max.) 3-Colour, RGB

Ø163mm High Powered
LED Floodlight, 15 LEDs
Project: Washington Square



- Ideal for highlighting architectural details
- Wide range of ultrabright LED colours available
- Robust, corrosion-resistant construction
- High output, low profile
- Low power, high efficiency
- Long life - 50,000hrs typical
- High reliability, low maintenance

Description

High power, adjustable LED spotlight, ideal for feature lighting. Constructed from precision machined aluminium and available in a range of attractive anodised or powder coated finishes, with slotted mounting bracket. Fitted with 15 x Osram "Oslon SSL150" LEDs. Available in a choice of illumination patterns (narrow, medium & wide outputs). Each luminaire contains onboard "Linear" regulation, allowing *simple parallel wiring*. Terminated with a 4 metre flying lead via IP67 cable gland, maintaining mechanical integrity and ingress protection. **Connect to 24VDC constant voltage control gear.**

Characteristics

Optical

Number of LEDs = 15 x Osram "Oslon SSL150" LEDs
Illuminated Area = Ø130.0mm
Optics = Fitted with Ledil "Heidi" type

LED Data:

Colour	Wavelength	Output
Red	630nm	285lm
Green	525nm	440lm
Blue	470nm	135lm

Note: Lumen output shown has been adjusted to account for 91% optic efficiency.

Electrical

Operating Voltage Range = 21.0 - 25.0VDC (24.0VDC typ.)
Current = 1.04A
Configured in 3 strings of 5 LEDs, each string running at 347mA.
Power Consumption = 25W max.
Above data is for njo P833.PCB
Termination = 4-core rubberised cable, 1.0mm² CSA, O.D. 6.6mm (ref: W404)
Luminaire Classification = Class III
(In accordance with BS EN 60598-1:2008)

Mechanical

Bezel O.D. = Ø163.0mm
Housing = Powder coated aluminium
Lens = 8mm clear glass
Lens Diameter = Ø130.0mm
Bracket = Powder coated aluminium
IP Rating = IP67
Product Weight = 1.9kg

Selection Guide

FLX163-	PS-	GC-	NA-	C-	24-	4M
Product Series	Housing	LED Colour	Output Angle	Lens Type	Voltage	Cable Length
FLX = Ø163mm LED Floodlight	PS = Powder-Coated Silver (RAL9006)	GC = Colour change (Red, Green & Blue LEDs)	NA = Narrow 14°	C = Clear	24VDC = 24VDC	4M = 4 Metre Cable

(Angles quoted are "full angles".)

Example FLX163-PS-GC-NA-C-24-4M (FLX163, Powder-coated Silver, Red, Green & Blue LEDs, Narrow Angle Optics, Clear Glass Lens, 24VDC, 4 Metre Cable)

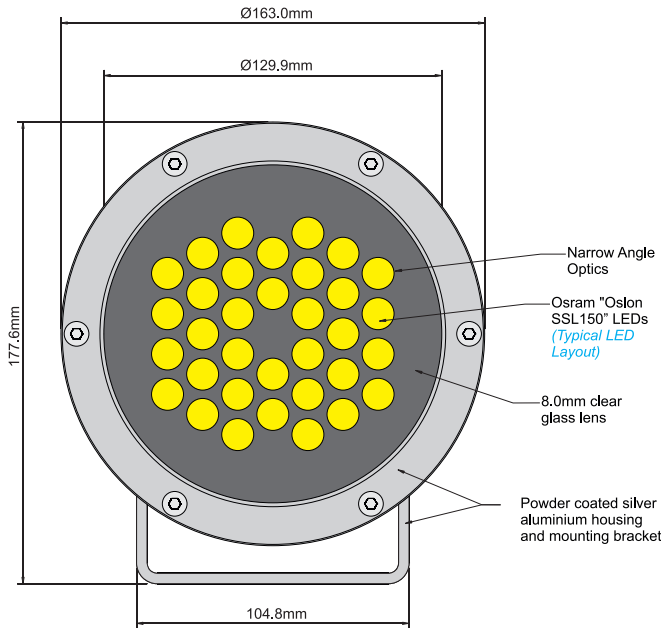
FLX163 (25W max.) 3-Colour, RGB

Ø163mm High Powered
LED Floodlight, 15 LEDs
Project: Washington Square

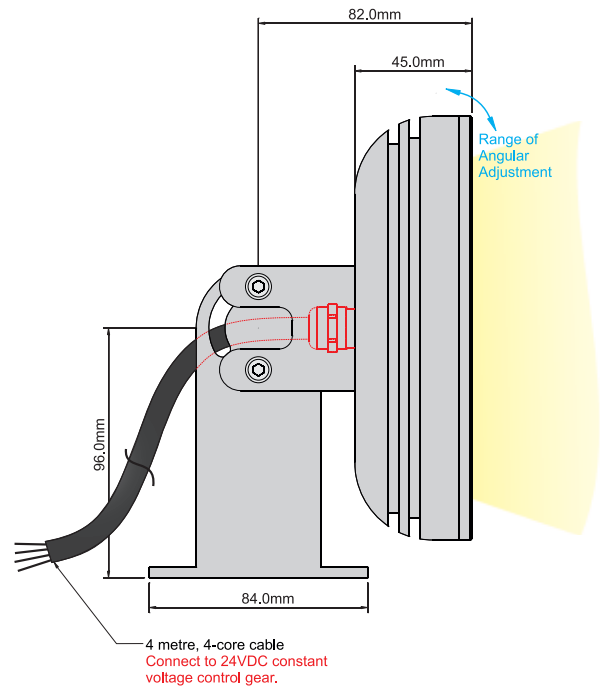


Mechanical Details

Front View

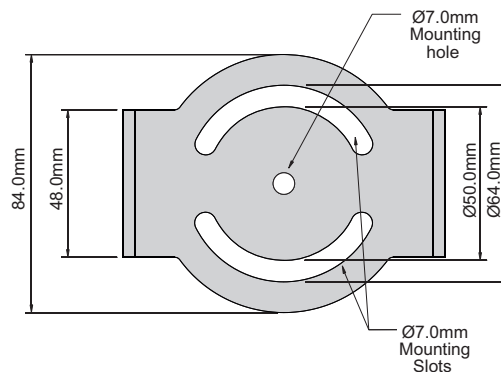


Side View



Mounting Details

FLX163 Mounting Bracket



The appearance and specifications of the product may be modified for improvement without notice.