

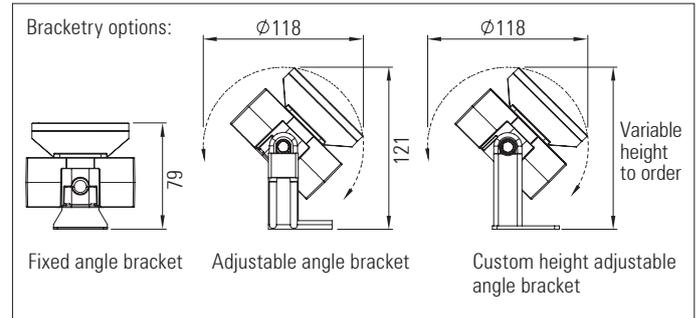
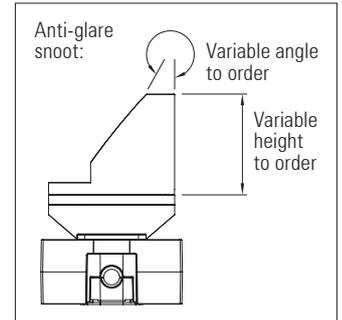
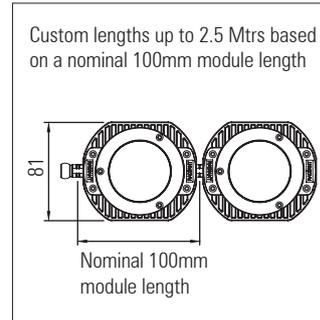
3D LED Flex 100 Tuneable white IP66

1 x Tuneable white LED array with 45mm ø colour-mixing lens per module

Modular, 3D flexible LED linear lighting system



Patent # P11155WE



1 x Tuneable-white LED array with Gaggione colour-blending lens per module

Modular, 3D flexible LED linear lighting system

Product description:

For use in exterior lighting applications where the building surfaces are non linear with curved profiles

Each module - 4 x Luxeon Z, Z ES, CZ or Rubix LEDs, with a highly efficient colour blending 45 mm Gaggione lens

Up to 10 Watts per 100mm module. Up to 48 V DC supply

Flexible in 3 dimensions - Articulated ball-joint system between modules

LED pitch is maintained between the modules

Side, back and end power feed and connector options allow for continuous lighting with no dark areas between fixtures. 17.5 Amp IP68 connectors join fixtures together on-site

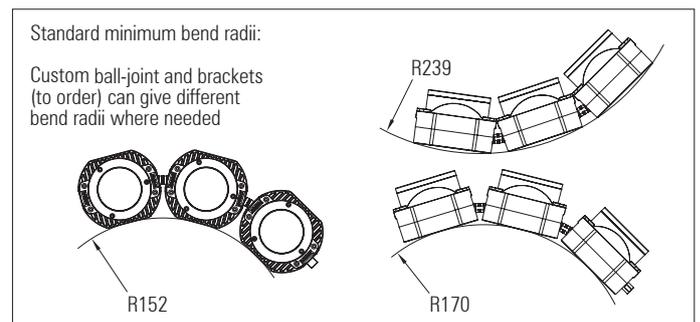
Integral LV constant current driver or remote Eldoled 4 Channel DMX driver

Remote DMX / DALI controller can be located up to 50 mtrs from the LED system

Satin black, satin white or any RAL paint colour finish

Custom lengths based on a 100 mm module up to 2.5 mtrs

Various mounting options and bracket types are available



LED / lens matrix	LUXEON Z LED CLUSTER: x4 TW LEDs
LLC59C Colour	FWHM 1: 11.1°
LLC59E Elliptical	FWHM 1: 8.1° FWHM 2: 31.7°
LLC59U Ultra Narrow	NA
LLC59N Narrow	FWHM 1: 7.9°
LLC59M Medium	FWHM 1: 25.1°
LLC59W Wide	FWHM 1: 33.2°



Up to 9,000 Lumens per mtr

Product Code	No. of LEDs per mtr.	IP	Length (mm)	LED Type	Colour Temp. (K)	CRI	Bracket Type	Anti-glare Snoot	Feed	Finish
RAD 3D LED FLEX 100 IP66 TW - 4 L	40 LEDs per Mtr: (100mm spacing between LED arrays)	66	100mm -increments of 100mm up to- 2,500mm	LUMILED Luxeon clusters: 4x Tuneable -White Z, Z ES, CZ or Rubix LEDs	Specify all 4x LEDs in cluster: 22=2,200k 27=2,700k 30=3,000k 35=3,500k 40=4,000k 50=5,000k 57=5,700k 65=6,500k	80 90	Adjustable Fixed Custom	Cut-angle: 0° - 75° (increments of 5°) Height: specify height	End Back Side	Black White Any RAL-colour

3D LED Flex 100 System

Ball-joint types

Product description:

Radiant's 3D LED Flex 100 system comprises a patented articulated ball-joint system which links the heatsink modules.

The ball-joints system allows the strips to bend and twist in 3 dimensions, so that they can follow any building contours, whilst maintaining a constant LED pitch.

There are various types of ball-joint to suit different applications, some of which can be seen on this data sheet. Please contact Radiant to discuss custom solutions.

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Product Code	Material	Length (mm)
STANDARD BALL-JOINT BALL-JOINT TIGHT BENDS BALL-JOINT LONG	Nickel-plated brass	(For longer ball-joints) 100mm 200mm 300mm Custom lengths

