

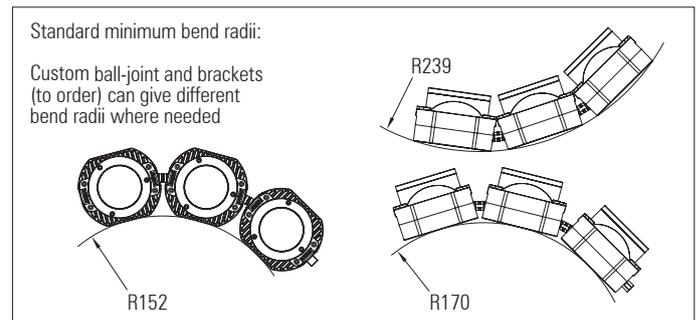
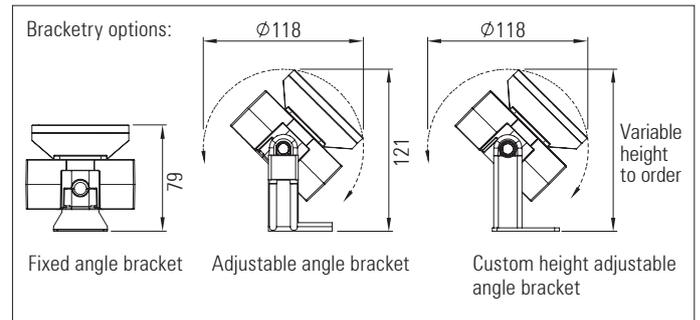
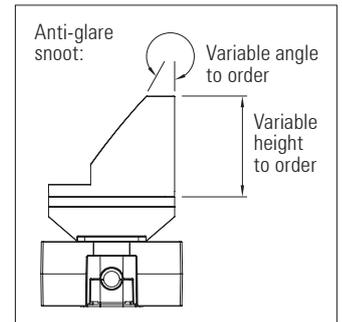
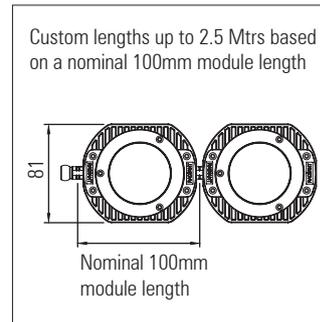
## 3D LED Flex system 100 RGBW IP66

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

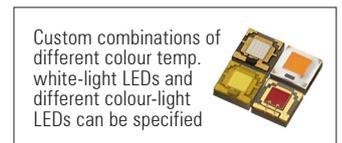
Modular, 3D flexible LED linear lighting system



Patent # P11155WE



LED / lens matrix	LUXEON Z LED CLUSTER: x4 RGBW LEDs
LLC59C Colour	FWHM 1: 11.7°
LLC59E Elliptical	FWHM 1: 8.2° FWHM 2: 31.3°
LLC59U Ultra Narrow	NA
LLC59N Narrow	FWHM 1: 7.6°
LLC59M Medium	FWHM 1: 24.1°
LLC59W Wide	FWHM 1: 32.2°



Up to 4,000 Lumens per Mtr

### 1 x RGBW 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 or C LEDs, with a highly efficient colour-blending 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

Product Code	No. of LEDs per mtr.	IP	Length (mm)	LED Type	LED Colour / Colour Temp. (K)	CRI	Bracket Type	Anti-glare Snoot	Feed	Finish
RAD 3D LED FLEX 40 IP66 RGBW - 4 L	40 LEDs per Mtr: (100mm spacing between LED arrays)	66	100mm -increments of 100mm up to- 2,500mm	LUMILED Luxeon clusters: 4x RGBW CZ LEDs 4x RGBW Z LEDs	Specify all 4x LEDs in cluster:	80 90	Adjustable Fixed Custom	Cut-angle: 0° - 75° (increments of 5°)  Height: specify height	End Back Side	Black White Any RAL-colour
					Far Red, Red, Deep Red, Red-Orange, Amber, PC Amber, Mint, Lime, Green, Cyan, Blue, Royal Blue, Violet					

## 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.

Patent # P11155WE

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

