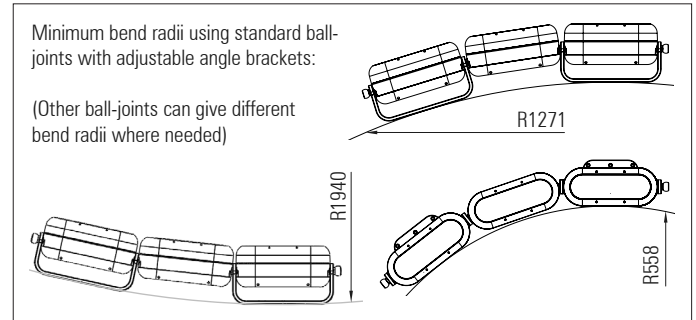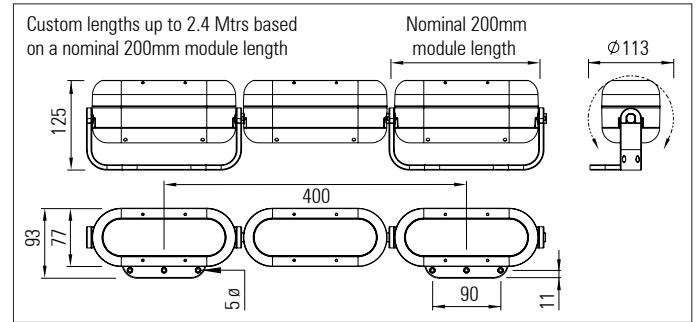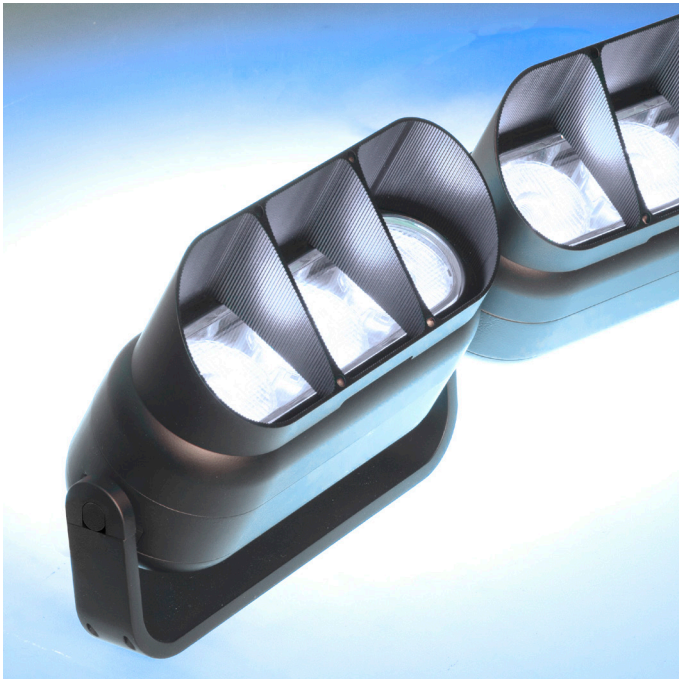# RADIANT
ARCHITECTURAL LIGHTING

3D LED Flex system 200 RGBW IP20

RGBW or tunable white LED arrays with colour-blending lenses

Modular, 3D flexible LED linear lighting system

1, 2 or 3 x high-power RGBW or tunable white LED cluster arrays with collimator lenses, per 8" (200mm) module

Modular, 3D flexible LED linear lighting system RGBW or tunable white

Product description:

Developed for use in a wide variety of large-scale architectural lighting projects requiring highly controlled lighting effects for wall grazing and wall wash lighting, where the building surfaces are non-linear with curved profiles

Each module comprises of: 1, 2 or 3 x LED cluster arrays, each comprising of 4x Luxeon Z or CZ white-light or RGBW LEDs with a ø 45mm Gaggione colour-blending lens

Up to 25 Watts per 200mm module

Flexible in 3 dimensions - Articulated ball-joint system between modules. Hand-bendable

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

Integral AC to DC constant current drivers for white and RGBW LED allow long lengths to be powered from a single power feed. AC mains voltage input

Each of the 4 LEDs within the clusters of 4 LEDs can be a different colour, or white light colour temperature. Custom combinations can be specified. See grid for options
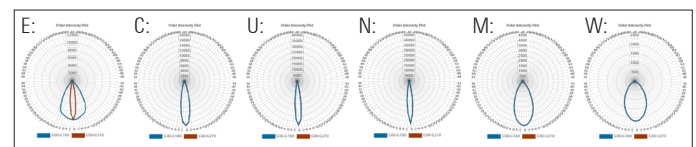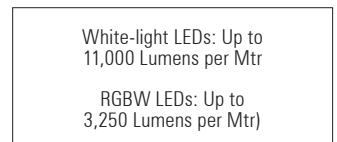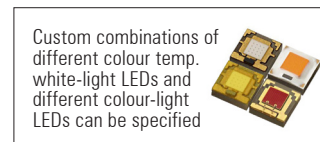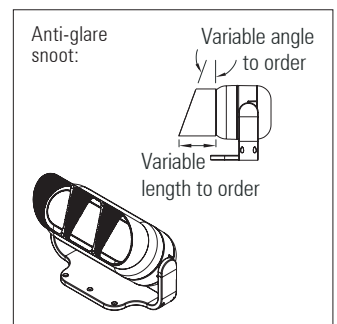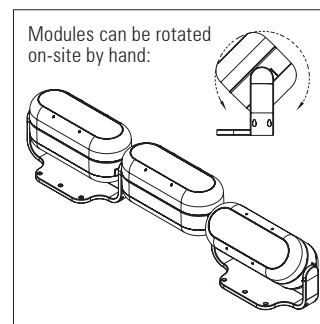
Dimming options available: 1-10V, DMX and DALI. Separate dimming channel

Satin black, satin white or any RAL paint colour finish

Custom lengths based on a 200 mm module length up to 2.4 Mtrs

Various mounting options and bracket types are available including custom designs

Anti-glare snoot accessories provide excellent glare control

Custom lengths up to 2.4 Mtrs based on a nominal 200mm module length · Nominal 200mm module length · ⌀113

Minimum bend radii using standard ball-joints with adjustable angle brackets:

(Other ball-joints can give different bend radii where needed)

R1271 · R1940 · R558

Modules can be rotated on-site by hand:

Anti-glare snoot:

Variable angle to order · Variable length to order

Custom combinations of different colour temp. white-light LEDs and different colour-light LEDs can be specified

White-light LEDs: Up to 11,000 Lumens per Mtr

RGBW LEDs: Up to 3,250 Lumens per Mtr)

E: · C: · U: · N: · M: · W:

Product Code	IP	Length	No.LEDs	LED Type	LED Colour / Colour Temp.(K)		CRI	Optics (°)	Bracket Type	Anti-glare Snoot	Feed	Finish
RAD 3D LED FLEX 200 IP 20 RGBW-1L RAD 3D LED FLEX 200 IP 20 RGBW-2L RAD 3D LED FLEX 200 IP 20 RGBW-3L	20	200mm - increments of 200mm up to -2,400mm	1x array per module: 200mm pitch 2x array per module: 100mm pitch 3x array per module: 56mm pitch	LUMI-LEDs: Cluster of 4 x LUXEON Z or CZ LEDs - RGBW	Specify all 4x LEDs in cluster: Far Red, Red, Deep Red, Red-Orange, Amber, PC Amber, Mint, Lime, Green, Cyan, Blue, Royal Blue, Violet	22=2,200k 27=2,700k 30=3,000k 35=3,500k 40=4,000k 50=5,000k 57=5,700k 65=6,500k	70 80 90	LUXEON Z LEDs with Gaggione LLC59: E: 8.2x31.3° C: 11.7° U: 8.1° N: 7.6° M: 24.1° W: 32.2°	Adjustable angle Fixed angle Custom height adjustable angle (specify leg height) Custom solution	Cut-angle: 0° - 75° (increments of 5°) Height: specify height	End Back Side	Black White Any RAL-colour