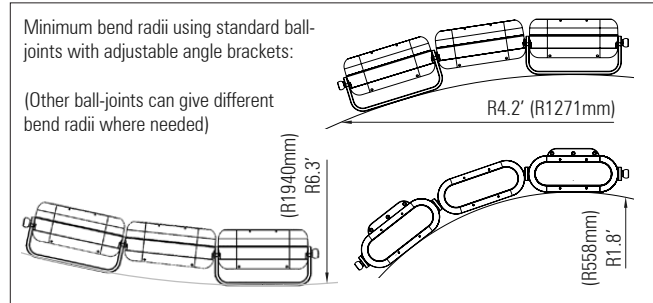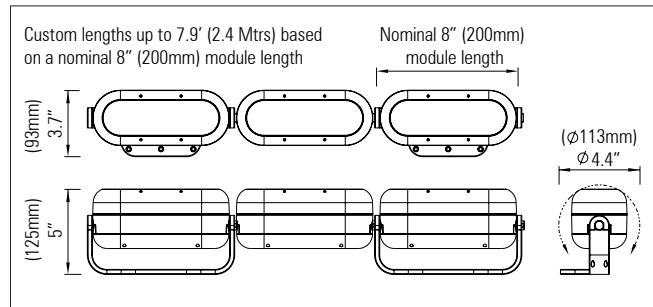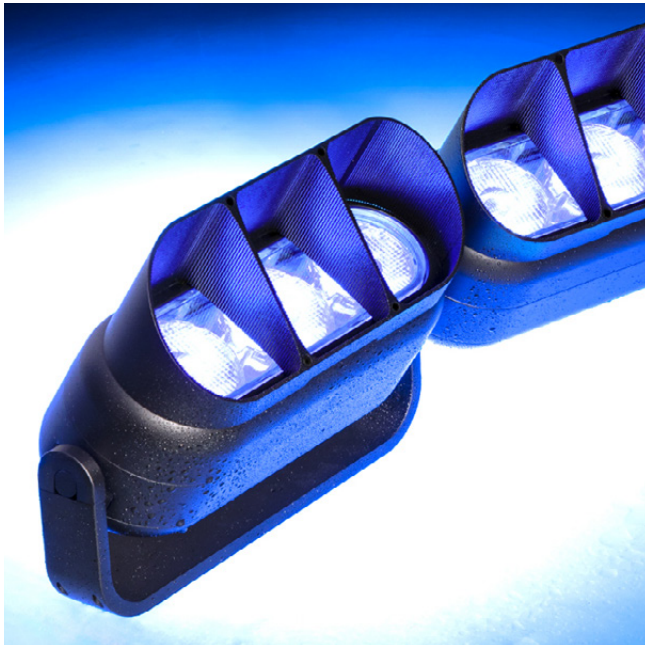# 3D LED Flex system 200 RGBW IP20 Class 2
RGBW or tunable white LED arrays with colour-blending lenses

Modular, 3D flexible LED linear lighting system

Custom lengths up to 7.9' (2.4 Mtrs) based on a nominal 8" (200mm) module length

Nominal 8" (200mm) module length

(93mm) 3.7"

(125mm) 5"

(⌀113mm) ⌀ 4.4"

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

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

R4.2' (R1271mm)

(R1940mm) R6.3'

(R558mm) R1.8'

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 8" (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
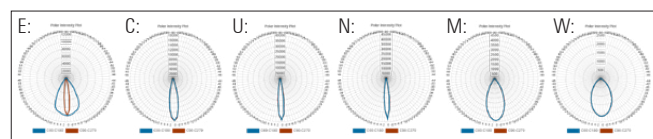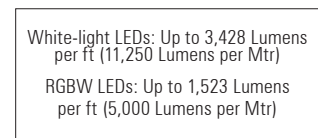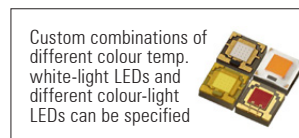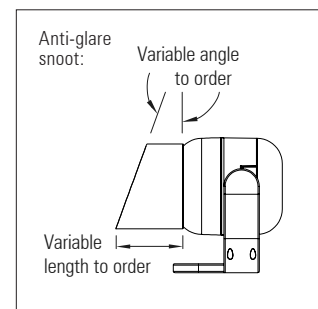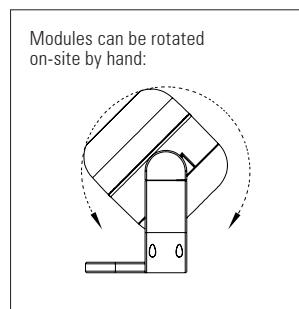
Dimming options available: 1-10V, DMX and DALI. Separate dimming channel

Satin black, satin white or any RAL paint colour finish

Custom lengths based on a 8" (200 mm) module length up to 7.9' (2.4 Mtrs)

Various mounting options and bracket types are available including custom designs

Anti-glare snoot accessories provide excellent glare control

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 3,428 Lumens per ft (11,250 Lumens per Mtr)

RGBW LEDs: Up to 1,523 Lumens per ft (5,000 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	8" (200mm) -increments of 8" (200mm) up to- 7.9' (2.4 mtrs)	Per 8" module: 1x array: 8" pitch 2x array: 4" pitch 3x array: 2" 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 lens: 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