

Power Cove

Modular, flexible LED linear lighting system



RADIANT

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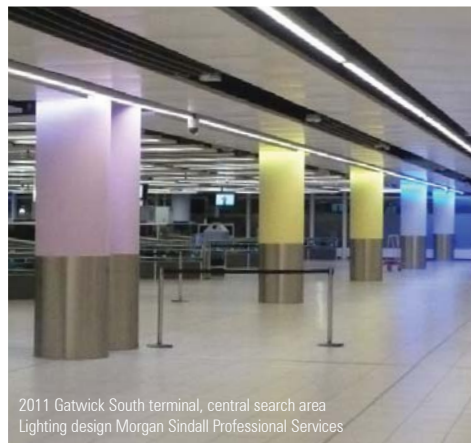
The Radiant Power Cove Linear LED System is designed for use in a variety of interior architectural and retail applications including indirect, cove and cabinet lighting.

It combines the long-life advantages of LED lighting with the ability to fit any space providing the effect of a bespoke installation whilst offering the convenience and value for money of an 'off-the-shelf' system.

The LED modules are attached to a 4 conductor, extruded aluminium power rail that provides both power and data channels for dimming and colour change control, in addition to providing additional heat sinking for the LED system.

Each DC LED module incorporates a constant current driver, thermal protection circuitry and either 0 - 10 V or PWM dimming for white LEDs and DMX control for RGBW versions. AC driven LED modules work with LV halogen transformers and can be dimmed with standard trailing edge wall dimmers.

The power rail is available in straight and bendable versions and can be hand bent on site to provide continuous LED lighting that follows building profiles and architectural details.



Power Cove module
2 or 4 x 1 Watt Nichia NS6 white LEDs
RAD LED PCM NS-4 (4 x white LEDs)
Integral constant current driver
24 Volt DC supply
No lens - 120 degree distribution
Black finish
RAD LED CW



Power Cove module
2 or 4 x 1 Watt Cree XR E white LEDs
RAD LED PCM XRE-4 (4 x white LEDs)
Integral constant current driver
24 Volt DC supply
Changeable lenses
Black finish
RAD LED CW



Power Cove RGBW module
Power Cove RGBW in line connector
2 x 3 Watt CRE-MC E RGBW LEDs
RAD LED PCM RGB
RAD LED PCIC RGB
No lens - 120 degree distribution
Black finish



Adjustable mounting bracket



Power Cove straight track
RAD LED PCT-S2 (600 mm length)
RAD LED PCT-S4 (1200 mm length)
RAD LED PCT-S8 (2400 mm length)
Black finish



Power Cove bendable track
Convex - outward illumination
RAD LED PCT-BCV2 (600 mm length)
RAD LED PCT-BCV4 (1200 mm length)
RAD LED PCT-BCV8 (2400 mm length)
Concave - inward illumination
RAD LED PCT-BCC2 (600 mm length)
RAD LED PCT-BCC4 (1200 mm length)
RAD LED PCT-BCC8 (2400 mm length)
Black finish



Power Cove in line connector
2 or 4 x 1 Watt Nichia NS6 white LEDs
RAD LED PCIC NS-4 (4 x white LEDs)
Integral constant current driver
24 Volt DC supply
No lens - 120 degree distribution
Black finish
RAD LED CW



Power Cove in line connector
2 or 4 x 1 Watt Cree XR E white LEDs
RAD LED PCIC XRE-4 (4 x white LEDs)
Integral constant current driver
24 Volt DC supply
Changeable lenses
Black finish
RAD LED CW



In line connector power feed



Power Cove power feed
2 conductor power feed - 3 mtr cable
RAD 219B - Black finish
RAD 219W - White finish
4 conductor power feed for dimming and DMX control
RAD 204B - Black finish
RAD 204W - White finish

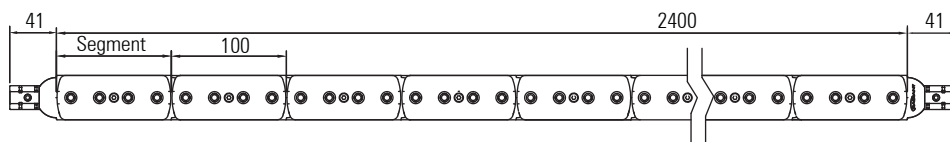


Power Cove flexible track
RAD LED PCT-F2 (600 mm length)
RAD LED PCT-F4 (1200 mm length)
RAD LED PCT-F8 (2400 mm length)
Black finish

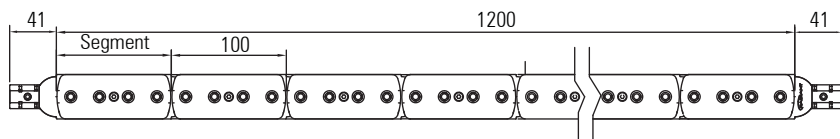


Power Cove track mounting clip - fits all tracks
RAD LED PCMC

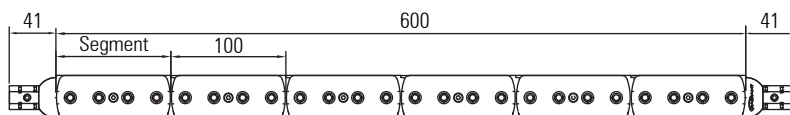
Nominal 2400 length, 24 Segments



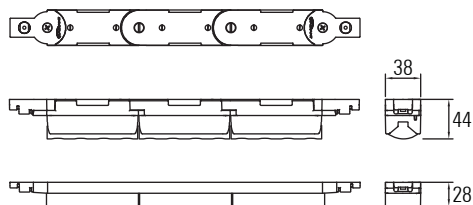
Nominal 1200 length, 12 Segments



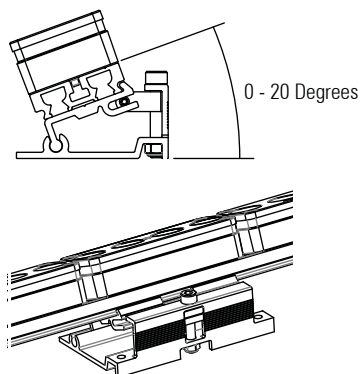
Nominal 600 length, 6 Segments



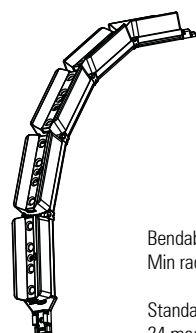
Flexible track



Adjustable bracket



Bendable track

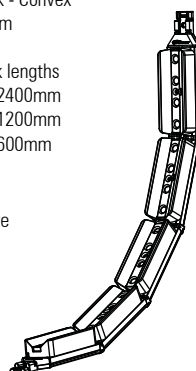


Bendable track - Convex
Min rad 585mm

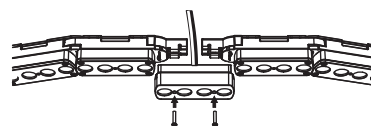
Standard track lengths
24 modules - 2400mm
12 modules - 1200mm
6 modules - 600mm

Bendable track - Concave
Min rad 625mm

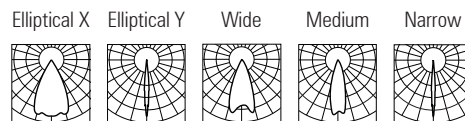
Standard track lengths
24 modules - 2400mm
12 modules - 1200mm
6 modules - 600mm



Illuminated in-line connector powerfeed



Create an order-code by selecting one option from each column in the table below.
eg. POWERCOVE . IP20 . 4 . 200mm . 40K . CRI 80 . E . Adjustable . Clear . End . Black .



Product Code	IP	No. of LEDs per module	Length (mm)	Colour Temp. (K)	CRI	Optics	Bracket Type	Cover	Feed	Finish
POWER COVE	20	4=25mm 2=50mm LED spacing	200mm to 1,800mm Increments of 100mm	27=2,700k 30=3,000k 35=3,500k 40=4,000k 45=4,500k 50=5,000k RGBW RGBA	80 90	120° E W M N	Spring Clip Adjustable	No Lens Lens	End Back Side	Black White Any RAL-colour

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