RADIANT®

ARCHITECTURAL LIGHTING

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Radiant Architectural Lighting has partnered with Illumination Management, LLC. in the United States. Mark Carroll and his team at IM are the point of contact for Radiant in the US.

IM's facility in New York is certified with ETL and UL testing labs, and provides warehousing, manufacturing, assembly, customer service, engineering and technical support to its partners and the architectural lighting market in the US.

Innovative design is at the heart of everything Radiant does. Our founder and Managing Director, David Morgan, has been a luminaire designer for 40 years bringing knowledge, expertise and creativity to Radiant Architectural Lighting.

We use the latest lighting technologies to produce durable and efficient lighting systems that deliver visually stunning results. Radiant's products are designed to be flexible, versatile, and discreet.

Radiant has provided innovative lighting for projects in over 30 countries, working with leading lighting designers and architects. We give our clients the tools they need to create perfectly illuminated interior and exterior spaces.

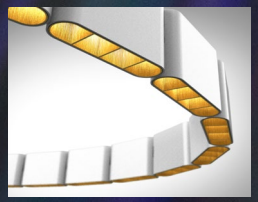
The highly experienced Radiant luminaire development team has designed a product portfolio which offers flexibility, adjustability and unrivalled performance. No matter how complex the project, Radiant is likely to be the perfect partner for your lighting requirements and, together with Illumination Management, we can support the needs of US designers from concept through to commissioning.

Radiant has provided lighting for prestigious projects in the US, including the David Geffen Hall, and Google's headquarters in New York. We love a lighting challenge, and we look forward to working with you.

Guide

Linear Lighting

3D LED Flex Systems



Other flexible linear systems

Linear systems

Accent lighting

Effect lighting

3D LED Flex System

Ahead of every curve

The multi-award winning 3D LED Flex system has developed from a custom solution for a Zaha Hadid designed building into a comprehensive modular linear lighting system with a vast range of options.

Ideal for use in a wide range of interior, exterior and underwater lighting projects where curved lines of light are needed to illuminate non-linear building surfaces, columns and domes.

The patented mechanical joint structure allows the individual modules to be bent and twisted in three dimensions to follow complex building contours.

Prize Designs for Modern Furniture & Lighting
2022 Winner

light AWARD
MIDDLE EAST WINNER 2018

LIGHTING DESIGN AWARDS 2020 WINNER

[d]arc awards
WINNER

GERMAN DESIGN AWARD WINNER 2019

3D LED Flex 200 System

- Up to 3,300 lumens per ft
- Up to 25 Watts per 8" module
- IP20, IP65 or IP66

3D LED Flex 100 System

- Up to 2,800 Lumens per ft
- Up to 11 Watts per 4" module
- IP20, IP65 or IP66

3D LED Flex 40 System

- Up to 1,500 lumens per ft
- Up to 5 Watts per 4" module
- IP20, IP44, IP65 IP66 or IP68

3D LED Flex 25 System

- Up to 1,200 lumens per ft
- Up to 4 Watts per 4" module
- IP20, IP65, IP66 or IP68

Heydar Aliyev Centre, Baku. Lighting design by MBLD

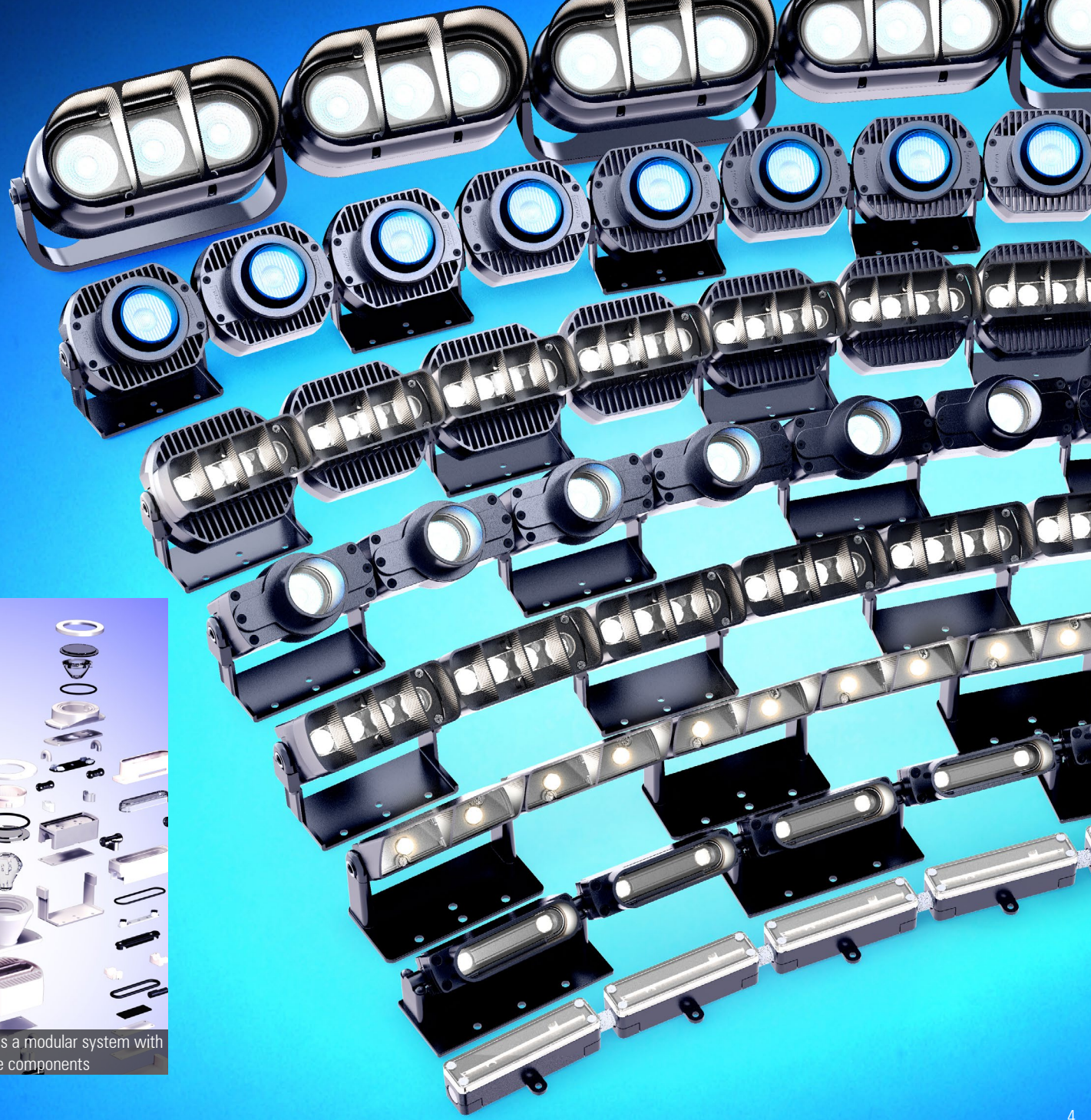
3D LED Flex System

Modular | Linear | 3D Flexible

- Flexible in 3-Dimensions - hand-bendable and lockable on-site.
- A range of sizes are available. Up to 3,300 lumens per ft from the 200 size down to 1,200 lumens per ft from the 25.
- IP ratings of IP20, IP44, IP65, IP66 and IP68 submersible.
- A wide range of LED light engine, reflector and lens options available. White light, RGB, RGBW, and dynamic white options available.
- Wide range of bracketry and anti-glare accessories. Custom lengths up to 8.3' based on a 4" or 8" module length.
- 5-year guarantee, with a refurbishment service thereafter. A modular, durable system with easily replaceable light-engines, designed to be refurbished and have a working life of up to 30 years.

Individually rotatable and lockable modules

The 3D LED Flex System is a modular system with a vast array of compatible components



Circular economy approach

Repair | Replace | Reuse

Radiant is working to reduce the long-term environmental impact of its systems with a variety of approaches.

Radiant's award winning lighting systems have always been designed for efficient operation, longevity, ease of on-site repair, easy disassembly, refurbishment, rebuilding, and for eventual recycling of materials.

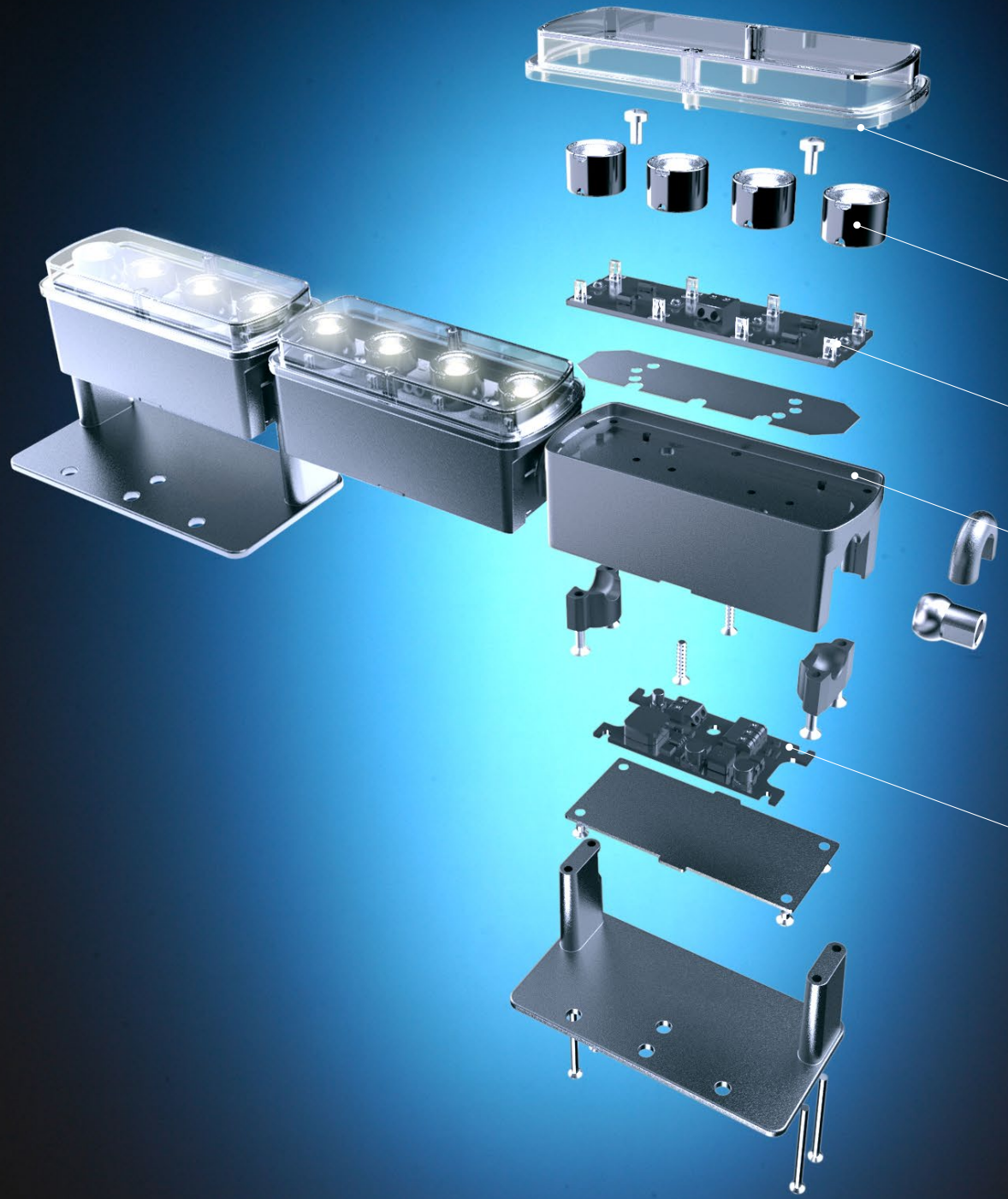
Using traditional construction methods allows Radiant systems to be easily disassembled and then reassembled into new products. Up to 95% of our cast, extruded, and moulded components can be reused indefinitely. We design our systems for a working life of up to 30 years including replacement of light engines and integral drivers.

Easy on-site replacement of light engines is a key element of the design of all new Radiant systems.

Working with partners in an increasing number of markets for local component production and system assembly will reduce the carbon generated by moving finished products around the world.

All Radiant systems come with a 5-year guarantee and we will provide a refurbishment and repair service thereafter to ensure that they operate efficiently for the longest possible time.

A TM 66 analysis of each Radiant system can be prepared for your projects.



Radiant systems are designed to reduce embodied carbon during production, allow on site repair, reuse of components and easy recycling at the end of life.

Glass, acrylic & polycarbonate windows options are available for most Radiant systems.

Lenses can be mounted onto light engines using spring clips or snap fits to allow easier recycling and reuse.

Aluminium core PCBs are used in almost all Radiant products to allow them to be recycled at the end of the light engine's life.

Pressure die cast aluminium heatsinks waste less material during production than machined components.

Radiant die castings are currently produced with up to 75% recycled aluminium material. We aim to use only 100% recycled cast aluminium within 3 years.

LED light engines and LV drivers can, in most cases, be replaced on site, at their end of life, with no soldering required.

Opaque plastic components can be 3D printed locally. Injection moulded components will use recycled material as soon as practicable.

Radiant systems are modular, durable, and can be refurbished and rebuilt many times.

3D LED Flex 200 IP66

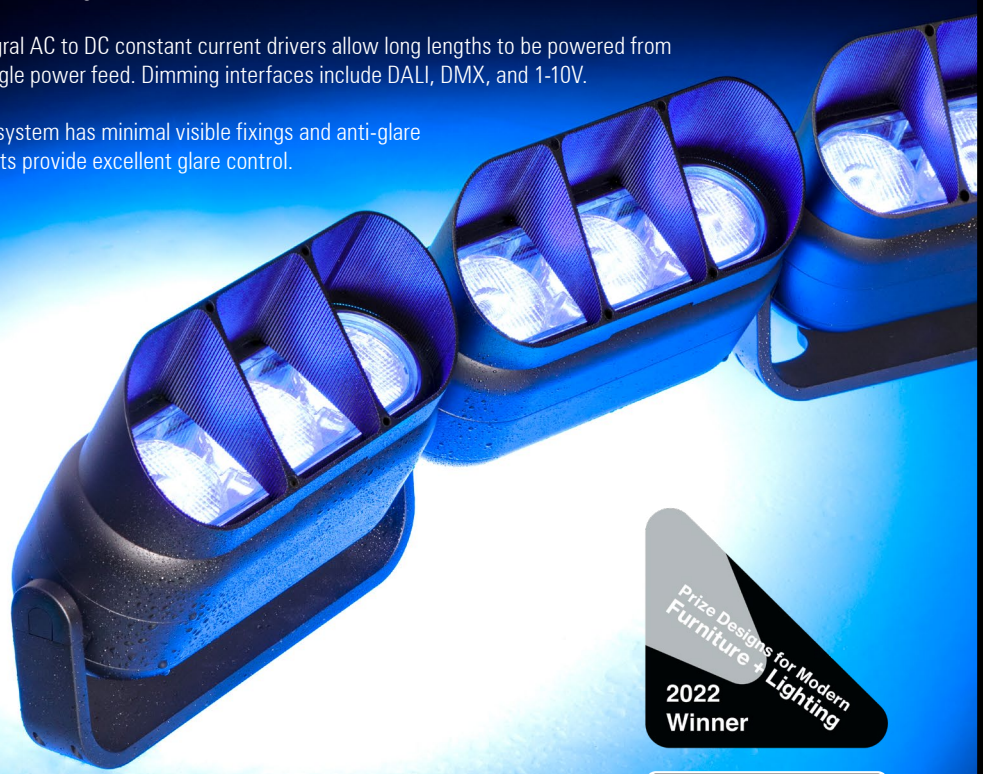
Modular, 3D flexible LED exterior linear lighting system

The 3D LED Flex 200 IP66 system has been developed for use in a wide variety of large-scale exterior architectural lighting projects requiring wall grazing and wall wash lighting where the building surfaces are non-linear with curved profiles and facades. The patented articulated ball-joint system joining the heat-sink modules allows the system to follow complex curved building profiles.

The latest and largest addition to the range, the 3D LED Flex 200 can be run at up to 38 Watts per ft (up to 125 Watts per mtr), providing Up to 3,300 lumens per ft (up to 11,000 Lumens per mtr). Each 8" (200mm) long module comprises of 3 x arrays of 4 x RGBW Luxeon-Z LEDs with highly efficient Gaggione colour-blending lenses.

Integral AC to DC constant current drivers allow long lengths to be powered from a single power feed. Dimming interfaces include DALI, DMX, and 1-10V.

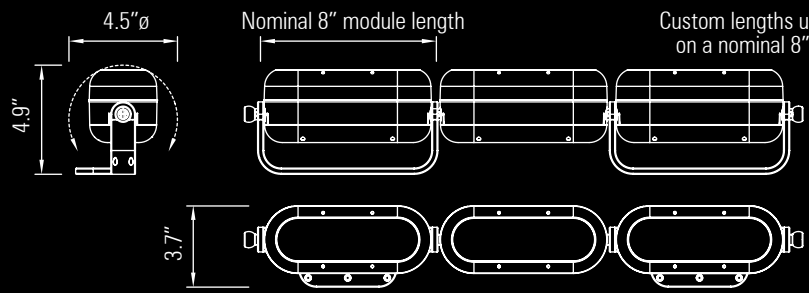
The system has minimal visible fixings and anti-glare snoots provide excellent glare control.



Up to 3,300 lumens per ft

Prize Designs for Modern Furniture + Lighting
2022 Winner

LIGHTING DESIGN AWARDS 2020 WINNER



3D LED Flex 100 IP20

Modular, 3D flexible LED interior linear lighting system

The Radiant 3D LED Flex 100 system was the first type in the range and was originally developed for the Zaha Hadid designed Heydar Aliyev Centre project to provide all ambient lighting in the auditorium. The system has been further developed for use in a wide variety of other architectural lighting projects requiring cove lighting and wall wash lighting where the building surfaces are non-linear with curved profiles and facades.

The patented articulated joint system joining the heat sinks allows the system to follow curved building surfaces while maintaining a 1" spacing between LEDs, thus ensuring continuous lit effects without shadows or dark areas.

Each LED heat sink module can operate up to 11 Watts of LEDs giving a light output of over 2,800 lumens per ft.

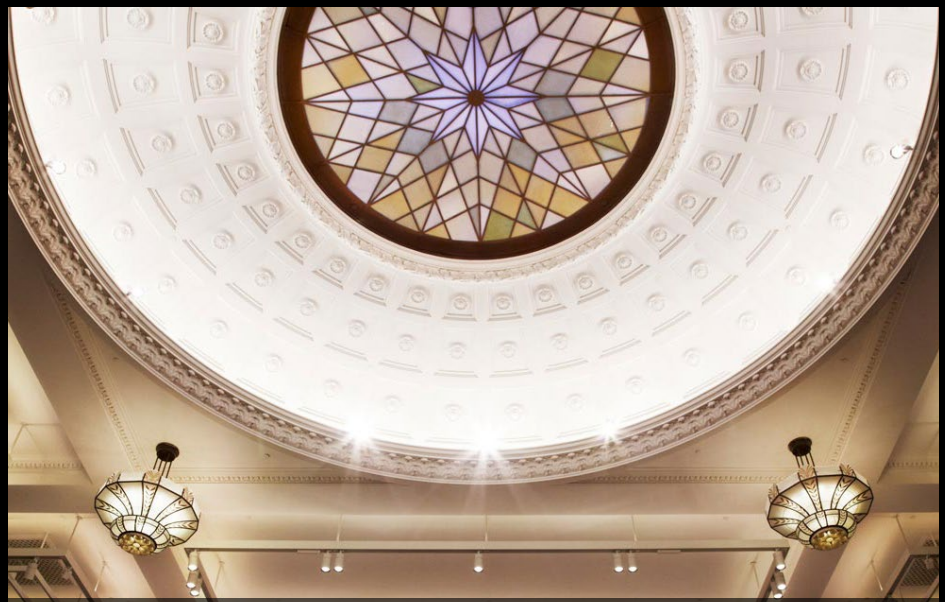
Integrated LV DC to DC constant current drivers allow long runs to be powered from a single remote power supply.

Up to 2,800 lumens per ft

Custom lengths up to 8.3' based on a nominal 4" module length

Nominal 4" module length

Heydar Aliyev Centre
Architect Zaha Hadid Associates
Lighting design by MBLD



Burberry flagship store, Regent Street, London. Lighting design by Russell Lipscombe

Oman Across Ages Museum, Oman. Lighting design by DHA design. Project Image Credit: Squint/Opera

The McEwan Hall, University of Edinburgh. Lighting design by Buro Happold

Designer outlet, UK. Lighting design by Aecom

Mall of Oman. Lighting design by Aecom

3D LED Flex 100 IP66

Modular, 3D flexible LED exterior linear lighting system

The Radiant 3D LED Flex 100 IP66 system has been developed for use in larger scale exterior lighting applications where the building surfaces are non-linear with curved profiles including columns, domes and curved facades.

The articulated joint system allows the LED heat sinks to follow three dimensionally curved surfaces while maintaining a 1" spacing between LEDs, thus ensuring continuous lit effects without shadows or dark areas.

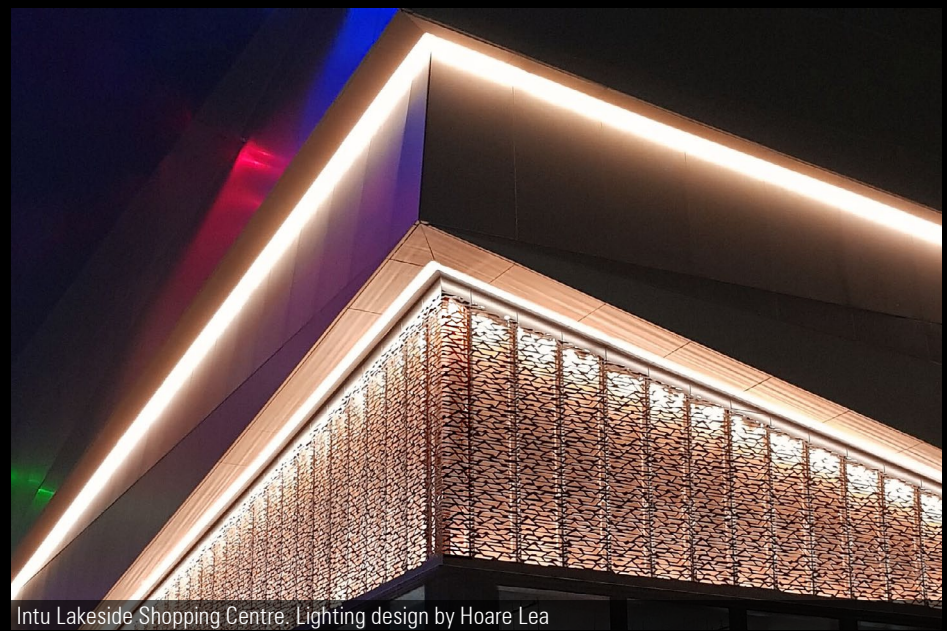
A digital thermal control system ensures that the LEDs work at an optimal temperature even in high ambients.

light AWARD MIDDLE EAST WINNER 2018

darc awards WINNER 2018

Up to 2,600 lumens per ft

The Lana, Dorchester Collection, Dubai. Lighting design by Light Touch PLD



Intu Lakeside Shopping Centre. Lighting design by Hoare Lea

3D LED Flex 40 IP20

Modular, IP20 3D flexible LED interior linear lighting system

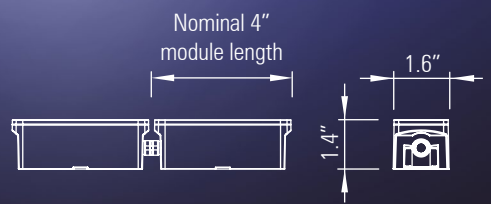
The Radiant 3D LED Flex 40 IP20 system incorporates the widest range of versions and options and has been specified and installed on the greatest number of projects to date.

The system can be run at 16 Watts per ft and provides over 1,500 lumens per ft depending on LED colour temperature and type.

The system includes both interior IP20, exterior IP66 and underwater IP68 versions.

GERMAN DESIGN AWARD WINNER 2019

Up to 1,500 lumens per ft



WestQuay Watermark, UK
Lighting design by George Sexton Associates

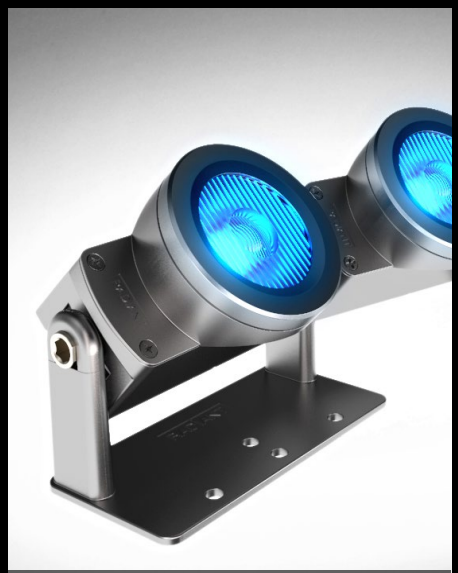
Dior store, Riyadh. Lighting design by Metis lighting

3D LED Flex 40 IP20
High-power LEDs with lenses

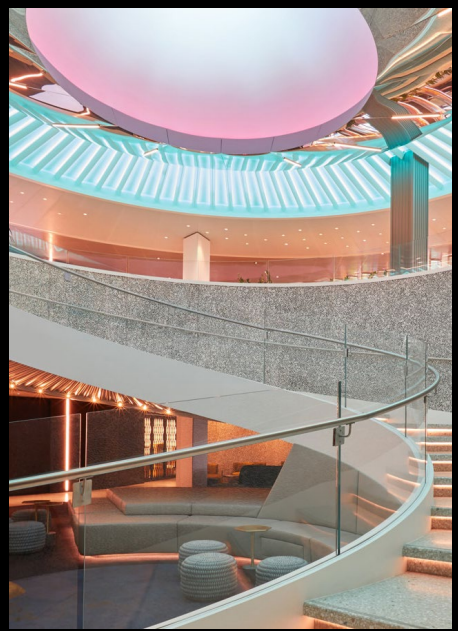
Chutney Mary, London. Lighting design by BPA

K11 Musea, Hong Kong. Lighting design by Speirs Major. Photography by Jackie Chan

Virgin Voyages' Scarlet Lady cruise ship
Lighting design by Cinimod. Project photography by Virgin Voyages



3D LED Flex 40 IP20
RGBW cluster array with Colour-mixing lens



Hammersmith Apollo auditorium
Lighting design by Jim Morse Lighting

Hammersmith Apollo foyer
Lighting design by Jim Morse Lighting

3D LED Flex 40 IP20
RGBW cluster array with mini Colour-mixing lens

3D LED Flex 40 IP20
RGBW cluster array with asymmetric reflector

3D LED Flex 40 IP66

Modular, IP66 3D flexible LED exterior linear lighting system

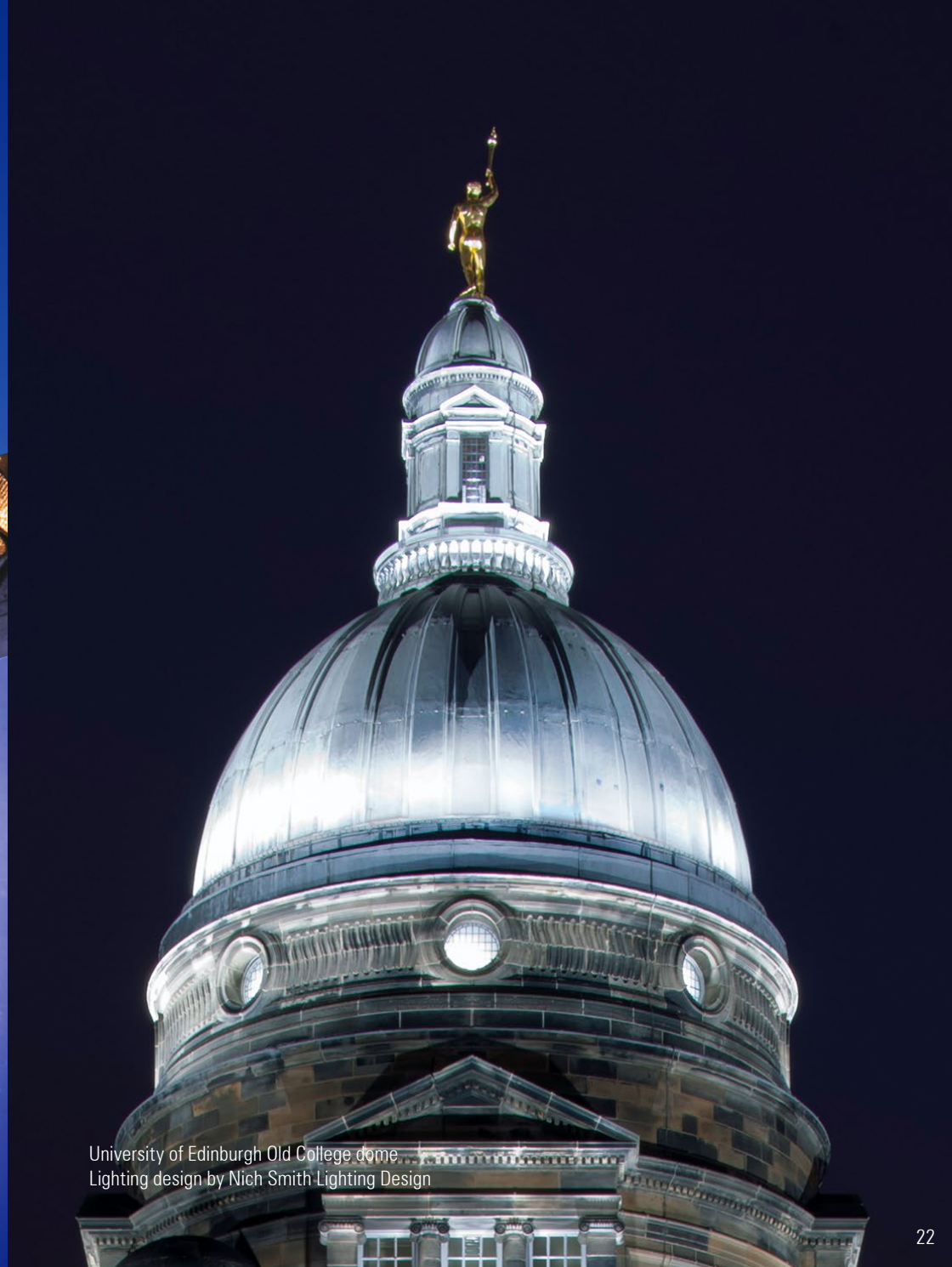
One of the early developments of the 3D LED Flex 40 system was an exterior IP66 rated version so that the same system can be used to light both interior and exterior projects. The system has also been used to light pools and hammams where high humidity would cause problems for an IP20 rated system.

The most popular elliptical optic version has been used to graze domes, curved roof surfaces and facades. The nominal 4" module allows the system to be tailored to fit any building size and shape.

The system can be run at up to 16 Watts per ft and provides over 1,500 lumens per ft . With many options for LED light engines, optics, mounting brackets and anti-glare accessories the system can be configured for each project.

A thermal control system is used in high ambient conditions to keep the LEDs working at an optimum temperature.

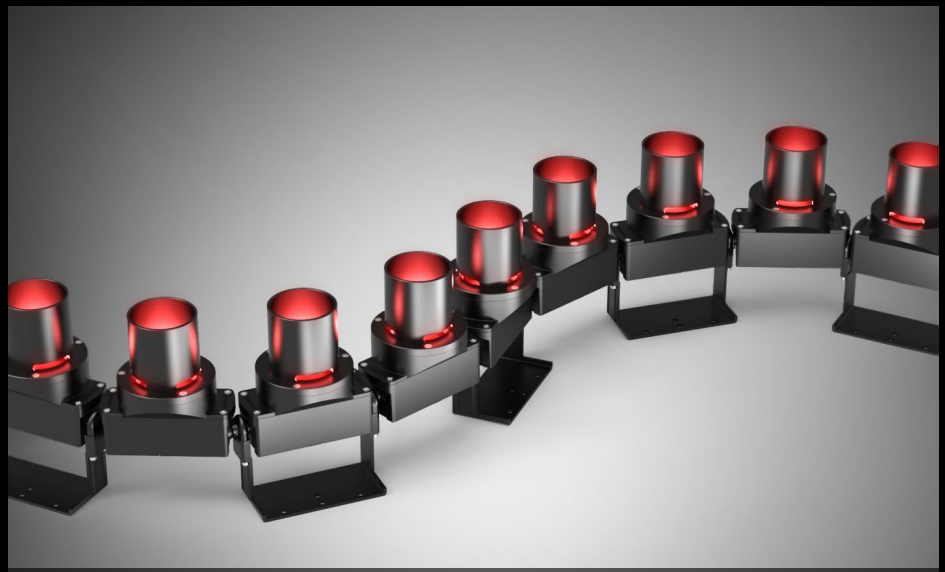
Up to 1,500 lumens per ft



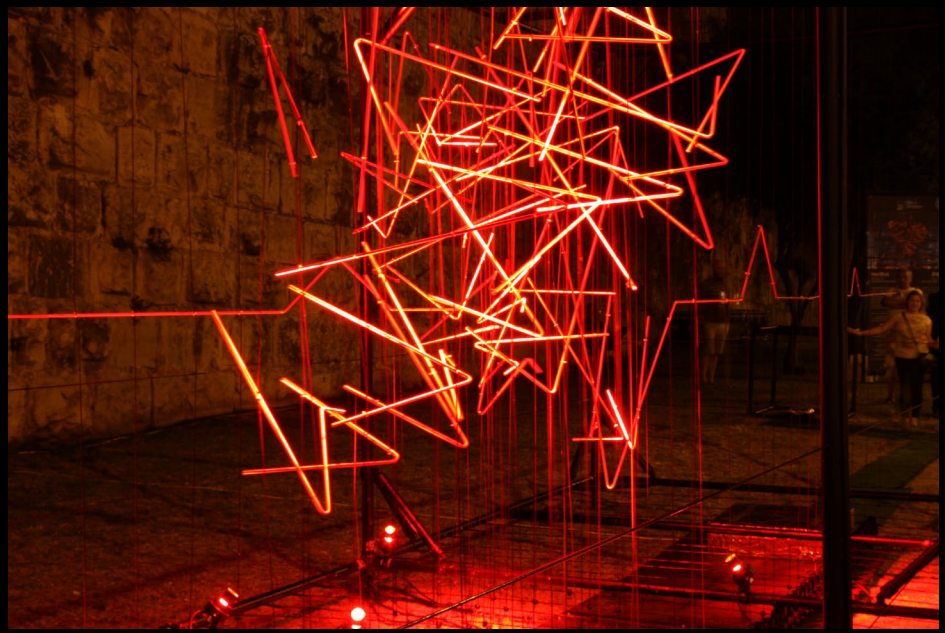
University of Edinburgh Old College dome
Lighting design by Nich Smith Lighting Design

The Bvlgari Spa, Dubai. Lighting design by Delta lighting solutions, Dubai
Winner of the Light Middle East Award for Hotel Lighting Project of the Year

Deniz Mall, Baku, Azerbaijan
Lighting design by MBLD



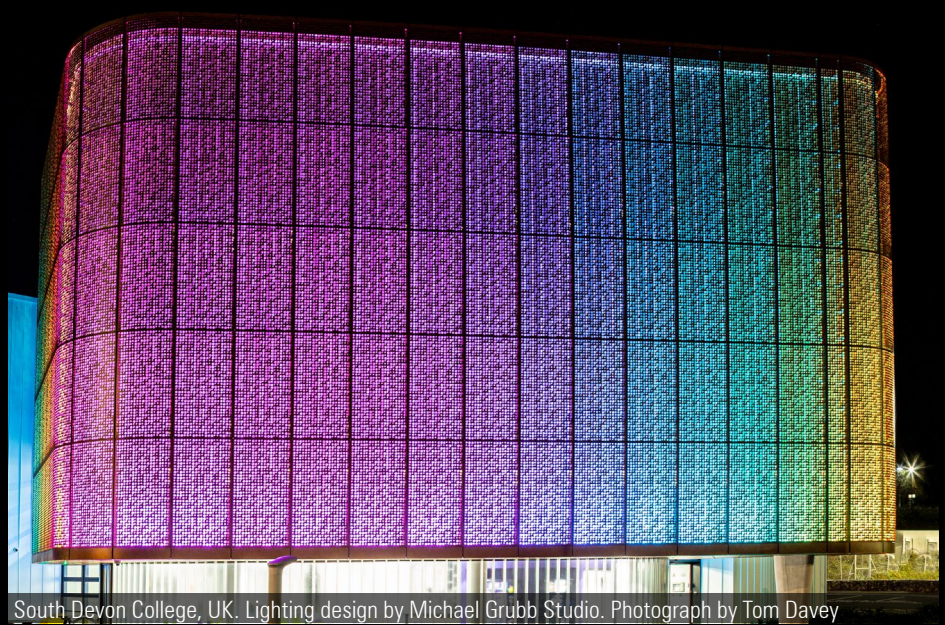
3D LED Flex 40 IP66 system. Each module comprises 4 x Luxeon Z red LEDs with a Gaggione ultra-narrow beam lens, and custom height anti-glare snoot. Each module is individually addressable via DMX



Heart Beat installation, Lightwaves festival. Salford Quays, UK
Lighting design by GNI Projects
Darc Award Winner - Art: Best Light Art Scheme, Low Budget

darc awards /ARCHITECTURAL
WINNER

3D LED Flex 40 System IP66 RGBW - 200 mm module pitch
Each module is individually addressable via DMX



South Devon College, UK. Lighting design by Michael Grubb Studio. Photograph by Tom Davey

8 or 12 x 0.3 Watt medium power LEDs with white reflector per module

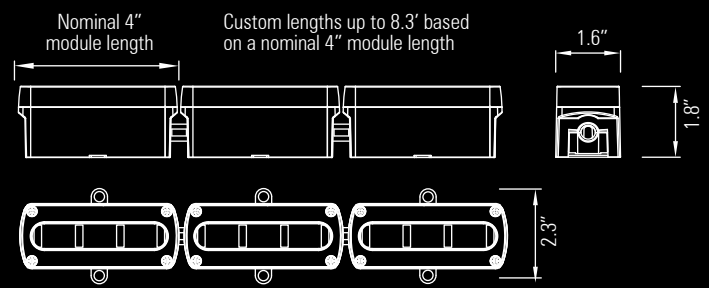
1 x RGBW array with reflector per module

4 x high power LEDs with lenses per module

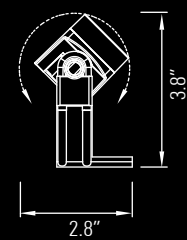
1 x RGBW or Tunable white array with 32mm Ø colour-blending lens per module

1 x high power LED with ultra-narrow beam lens per module

1 x RGBW or Tunable white array with colour-blending lens per module



Adjustable angle bracket:

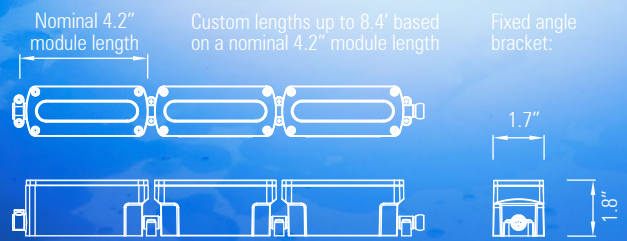


3D LED Flex 40 IP68

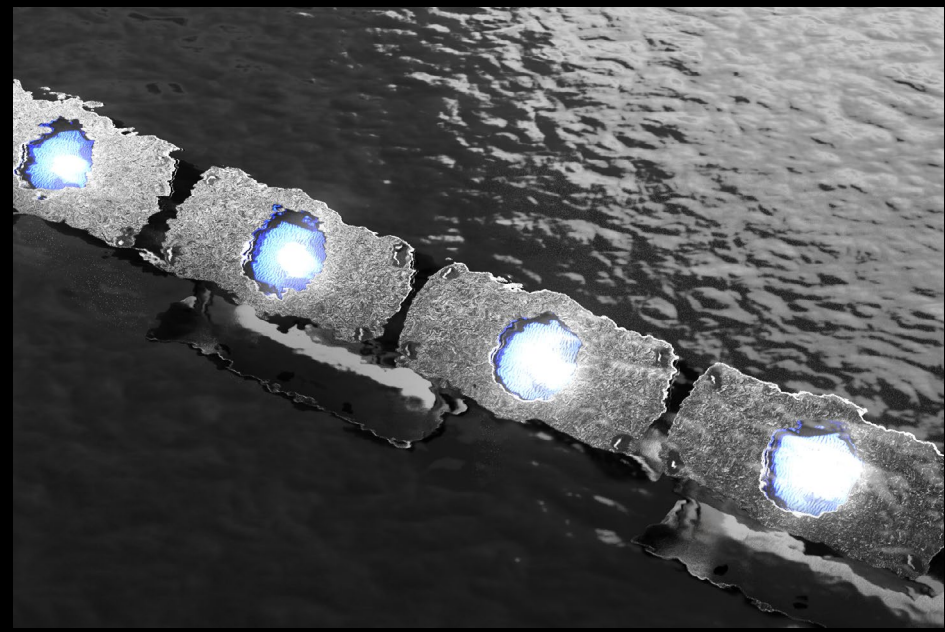
Modular, IP68 3D flexible LED underwater linear lighting system

The Radiant 3D LED Flex 40 IP68 system is designed for use in underwater applications where curved lines of light are required. The system components are cast in 316 L stainless steel and are suitable for use in saline and chlorine environments including pools, fountains and marine projects. The pressed glass windows are bonded to the module bodies and all LED and internal driver boards are potted in silicone resin to ensure long working life at up to 6.6′ depth.

The patented articulated joint system joining the LED modules allows the system to bend and twist in three dimensions to follow curved building surfaces while maintaining a constant spacing between LEDs. Output up to 1,200 lumens per ft.



Up to 1,200 lumens per ft



3D LED Flex 40 IP68 RGBW or Tunable white with mini 32 mm diameter colour-blending Gaggione lenses

3D LED Flex 25 IP20

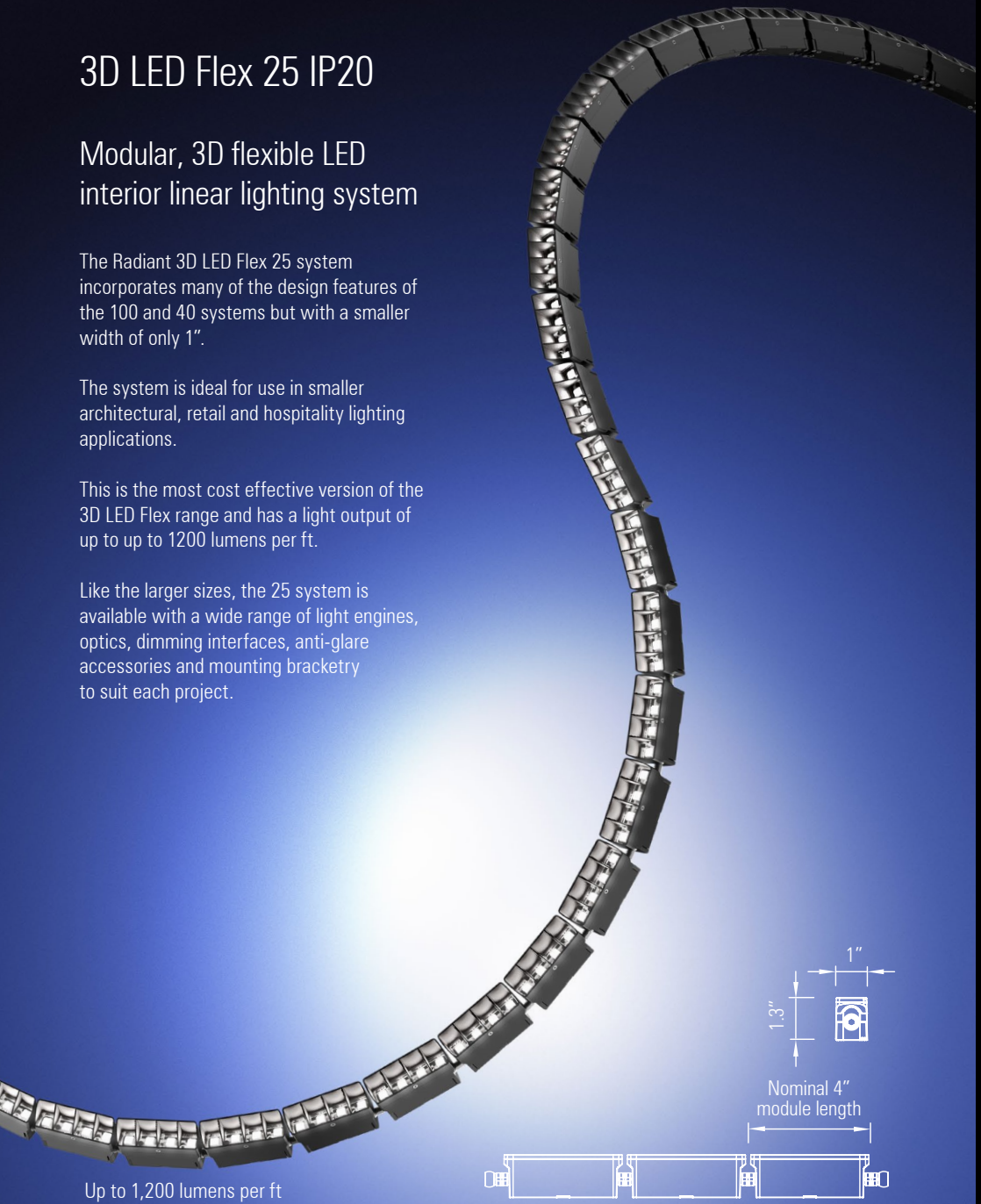
Modular, 3D flexible LED interior linear lighting system

The Radiant 3D LED Flex 25 system incorporates many of the design features of the 100 and 40 systems but with a smaller width of only 1".

The system is ideal for use in smaller architectural, retail and hospitality lighting applications.

This is the most cost effective version of the 3D LED Flex range and has a light output of up to up to 1200 lumens per ft.

Like the larger sizes, the 25 system is available with a wide range of light engines, optics, dimming interfaces, anti-glare accessories and mounting bracketry to suit each project.



Up to 1,200 lumens per ft

Chartered Accountants' Hall, One Moorgate Place, London. Lighting design by Nulty
Project image © provided by One Moorgate Place

Sydney Lyric Theatre, Australia. Lighting design by Schuler Shook

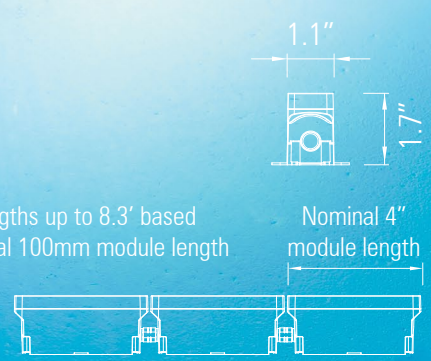
3D LED Flex 25 IP66

Modular IP66 3D flexible LED exterior linear lighting system

The Radiant 3D LED Flex 25 IP66 system is designed to be used in a wide variety of exterior lighting applications where a lower light output and smaller width is needed than the larger types also available in the range.

The system is ideal for use in smaller architectural and facade lighting applications. The system is available in a wide variety of LED, lens and reflector options and can be supplied with pressed glass windows for use in high sunlight situations or where sand abrasion is an issue.

A thermal control system is used in high ambient conditions to keep the LEDs working at an optimum temperature.



Up to 1,100 lumens per ft

Royal Albert Hall, London. Lighting design by EQ2 Light

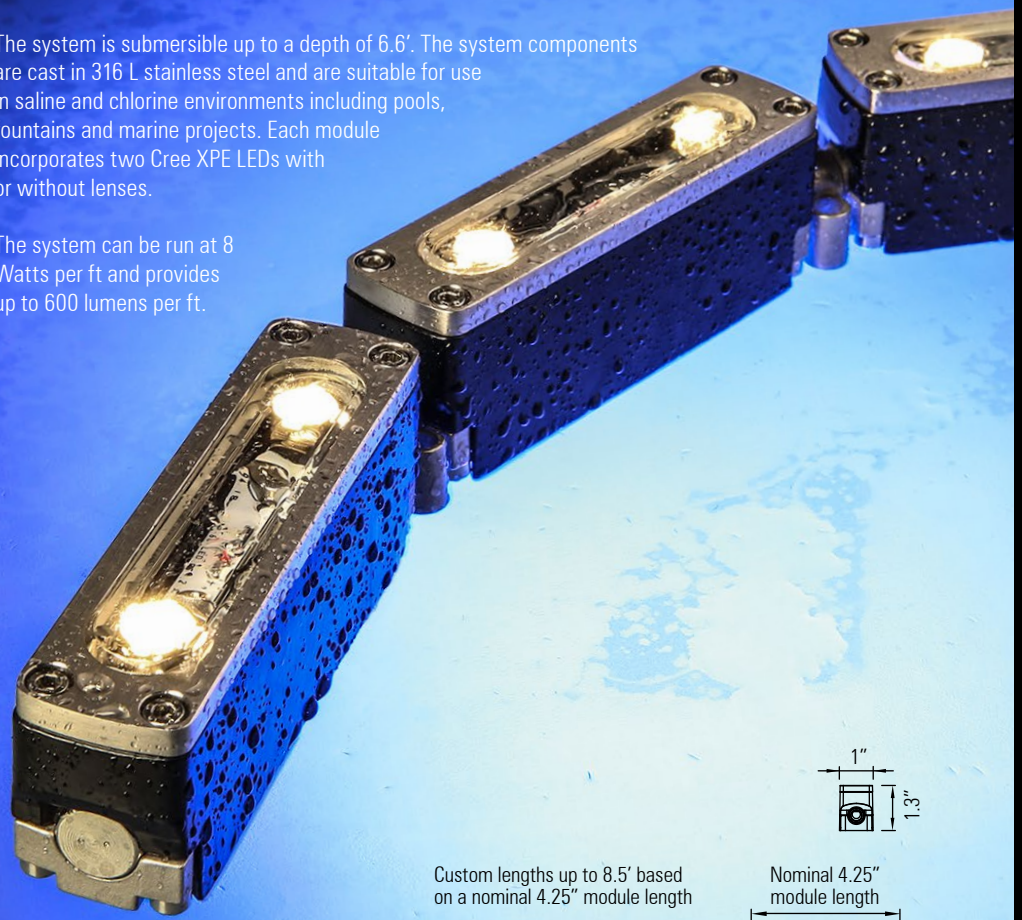
3D LED Flex 25 IP68

Modular IP68 3D flexible LED linear lighting system

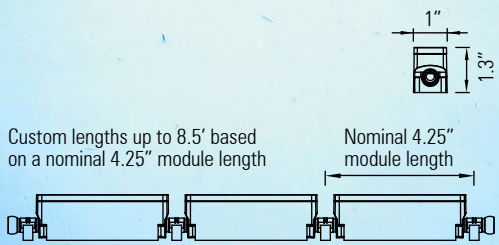
The Radiant 3D LED Flex 25 IP68 system is designed for use in underwater applications where the building surfaces are non-linear with curved profiles. The articulated joint system joining the LED heat sinks allows the system to follow curved building surfaces while maintaining a constant spacing between LEDs, thus ensuring continuous lit effects without shadows or dark areas.

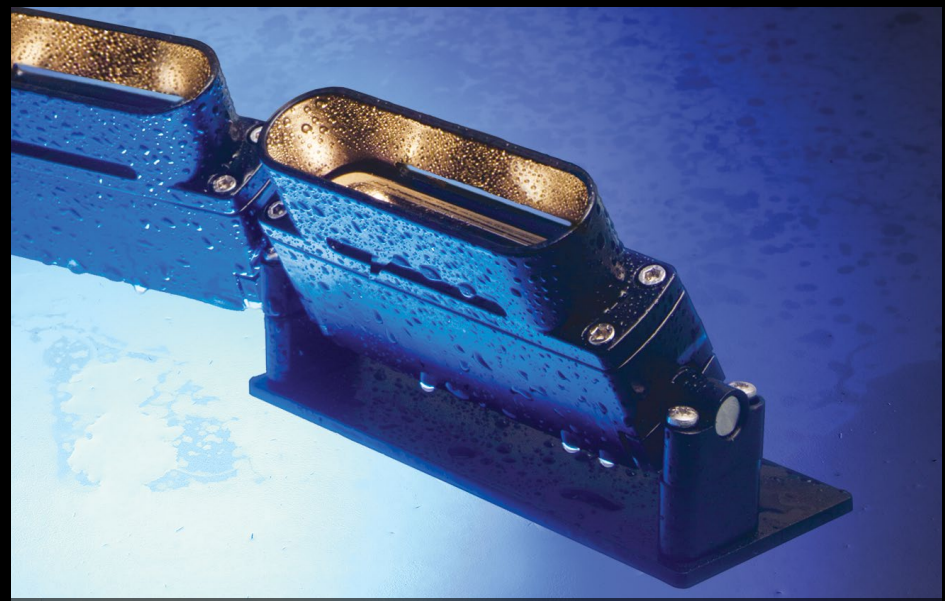
The system is submersible up to a depth of 6.6'. The system components are cast in 316 L stainless steel and are suitable for use in saline and chlorine environments including pools, fountains and marine projects. Each module incorporates two Cree XPE LEDs with or without lenses.

The system can be run at 8 Watts per ft and provides up to 600 lumens per ft.



Up to 600 lumens per ft





3D LED Flex 25 IP68 with adjustable angle brackets and anti-glare snoot accessory

Chanel Spa at the Ritz Hotel, Paris. Lighting design by Schwinghammer Lighting Design, New York

Centura IP20

Modular, interior, flexible, linear LED pendant system

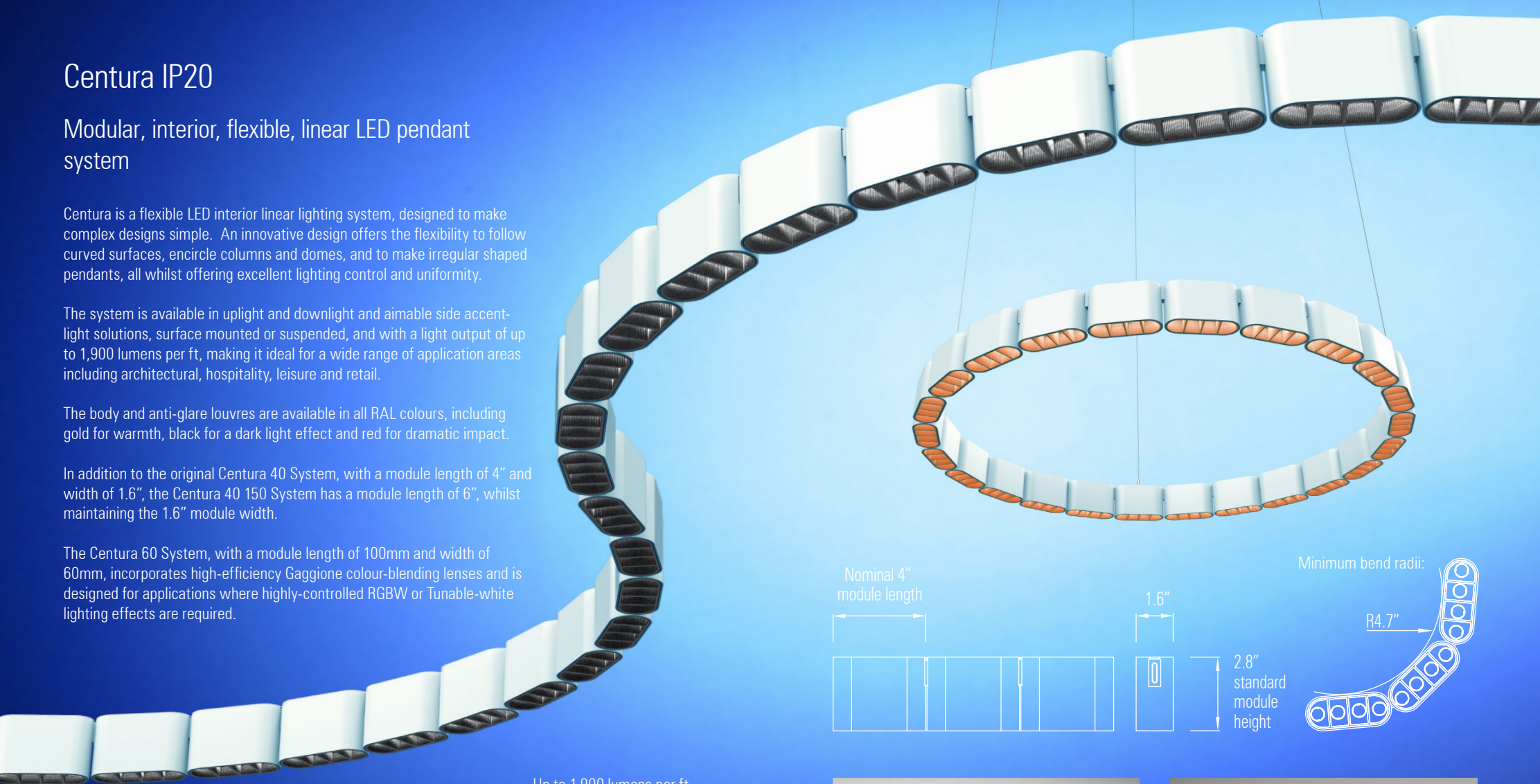
Centura is a flexible LED interior linear lighting system, designed to make complex designs simple. An innovative design offers the flexibility to follow curved surfaces, encircle columns and domes, and to make irregular shaped pendants, all whilst offering excellent lighting control and uniformity.

The system is available in uplight and downlight and aimable side accent-light solutions, surface mounted or suspended, and with a light output of up to 1,900 lumens per ft, making it ideal for a wide range of application areas including architectural, hospitality, leisure and retail.

The body and anti-glare louvres are available in all RAL colours, including gold for warmth, black for a dark light effect and red for dramatic impact.

In addition to the original Centura 40 System, with a module length of 4" and width of 1.6", the Centura 40 150 System has a module length of 6", whilst maintaining the 1.6" module width.

The Centura 60 System, with a module length of 100mm and width of 60mm, incorporates high-efficiency Gaggione colour-blending lenses and is designed for applications where highly-controlled RGBW or Tunable-white lighting effects are required.



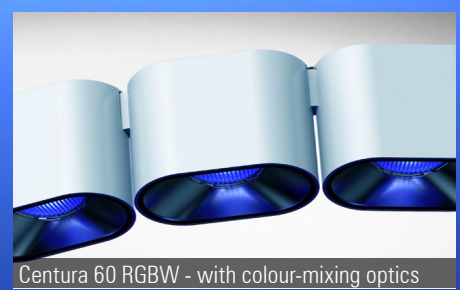
GERMAN DESIGN AWARD WINNER 2019

light AWARD MIDDLE EAST WINNER 2018

Prize Designs for Modern Furniture + Lighting
2022 Winner

Up to 1,900 lumens per ft

LIT LIGHTING DESIGN AWARDS WINNER 2021


Centura 60 RGBW - with colour-mixing optics


Centura 40 150 IP20 - with opal diffuser

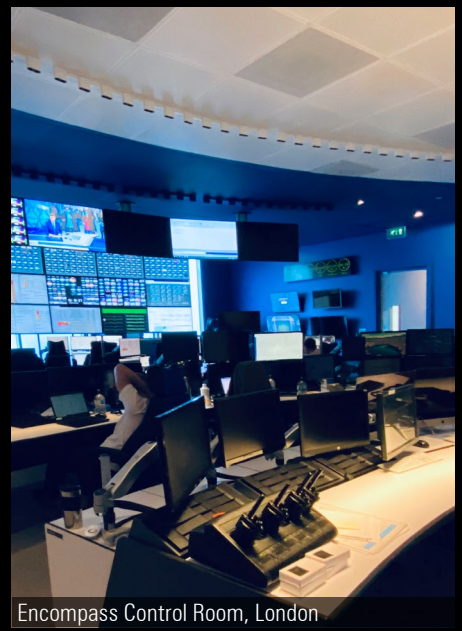
Freshfields Bruckhaus Deringer, London. Lighting design by 18 Degrees

Bischöfliches Schloss Rittersaal Switzerland. Lighting design by Michael Josef Heusi. © Ralph Feiner

33 Wigmore Street, London
Lighting Design by Syntax Lighting

UVA, Football Operations Center, Virginia, USA

Wimpole Street Dental Clinic, London



Encompass Control Room, London

Centura V System IP20

Modular, flexible, interior linear LED pendant system

The Centura V is a linear system that links directly to the flexible-linear Centura 40 150 and Centura 40 systems, to provide continuous runs of straight and curved illumination with a matching appearance and the same light engines, optics and louvres.

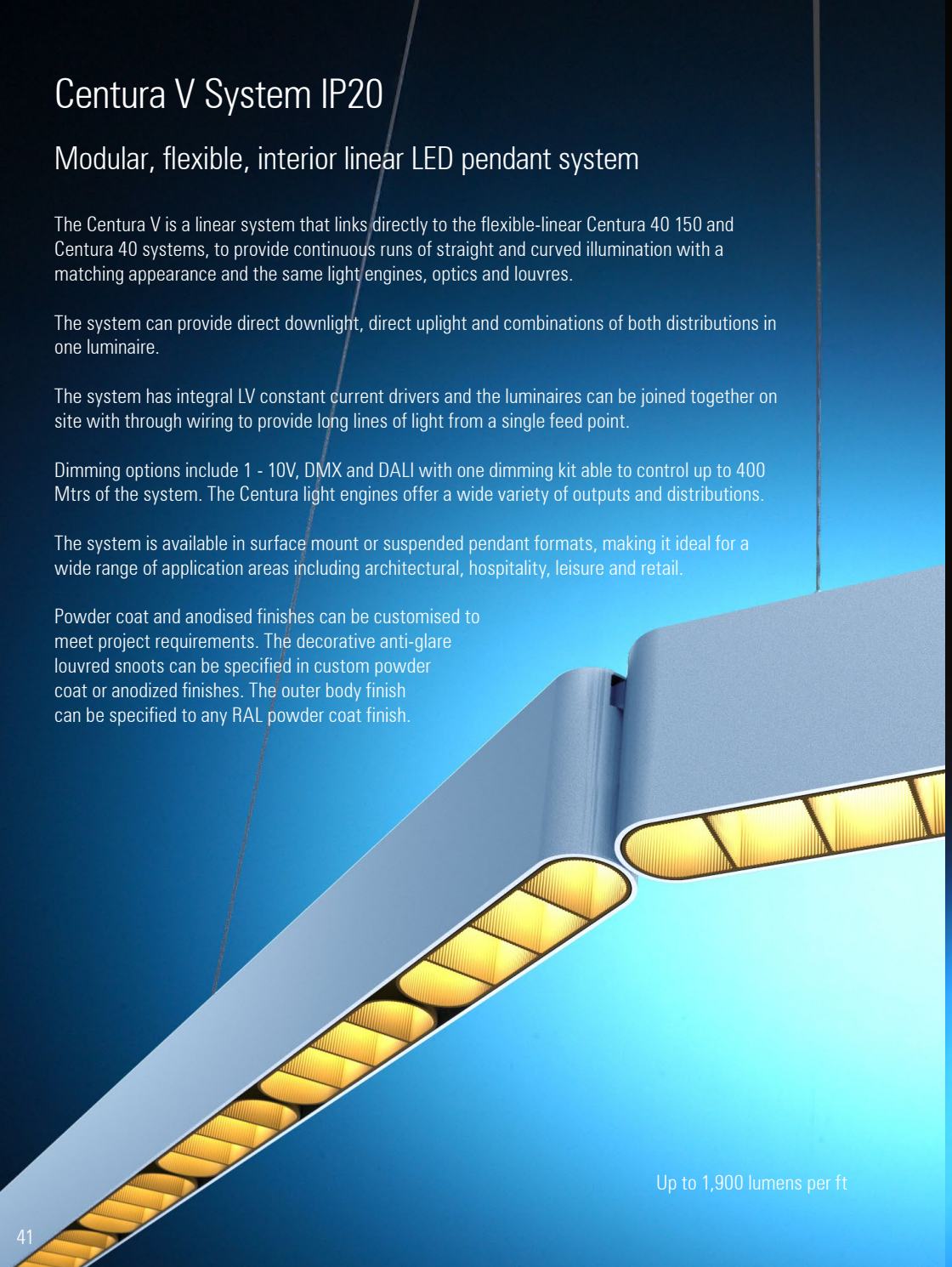
The system can provide direct downlight, direct uplight and combinations of both distributions in one luminaire.

The system has integral LV constant current drivers and the luminaires can be joined together on site with through wiring to provide long lines of light from a single feed point.

Dimming options include 1 - 10V, DMX and DALI with one dimming kit able to control up to 400 Mtrs of the system. The Centura light engines offer a wide variety of outputs and distributions.

The system is available in surface mount or suspended pendant formats, making it ideal for a wide range of application areas including architectural, hospitality, leisure and retail.

Powder coat and anodised finishes can be customised to meet project requirements. The decorative anti-glare louvred snoots can be specified in custom powder coat or anodized finishes. The outer body finish can be specified to any RAL powder coat finish.



Up to 1,900 lumens per ft

Centura H System IP20

Modular, interior linear LED pendant system

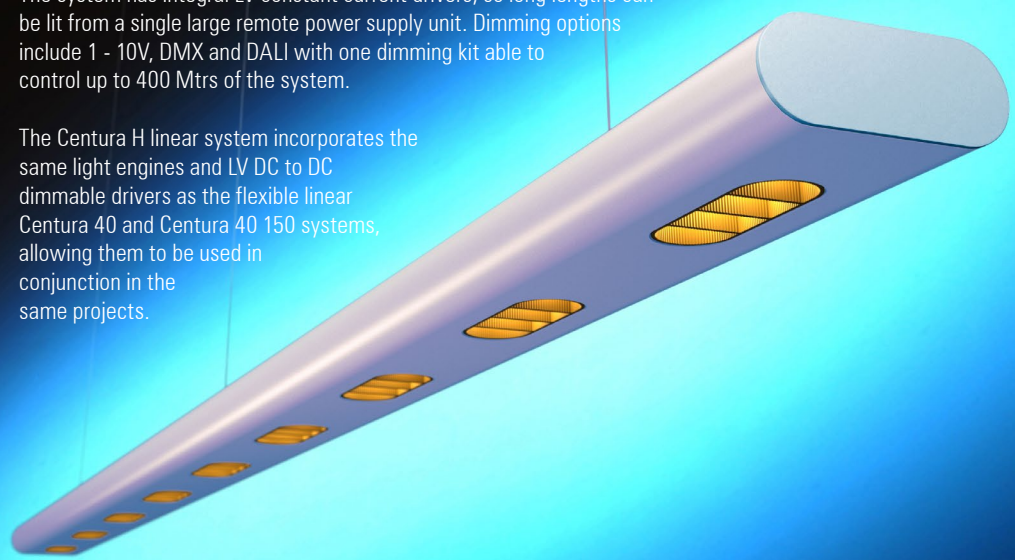
The Centura H linear system can provide direct downlight, direct uplight and combinations of both distributions in one luminaire. The luminaires can be joined together on site with through wiring to provide long lines of light from a single feed point. The Centura light engines offer a wide variety of outputs and distributions.

Powder coat and anodised finishes can be customised to meet project requirements. The decorative anti-glare louvred snoots can be specified in custom powder coat or anodized finishes. The outer body finish can be specified to any RAL powder coat finish.

The system is available in surface mount or suspended pendant formats, with a light output of up to 6,500 lumens per Mtr, making it ideal for a wide range of application areas including architectural, hospitality, leisure and retail.

The system has integral LV constant current drivers, so long lengths can be lit from a single large remote power supply unit. Dimming options include 1 - 10V, DMX and DALI with one dimming kit able to control up to 400 Mtrs of the system.

The Centura H linear system incorporates the same light engines and LV DC to DC dimmable drivers as the flexible linear Centura 40 and Centura 40 150 systems, allowing them to be used in conjunction in the same projects.



Up to 1,900 lumens per ft

Euclid 20 Standard and High Output

LED linear lighting system

The Euclid 20 system was originally developed with DPA in Dubai for use on residential projects as a simple to install, cost effective linear lighting system. The 16 Amp plug together connector system, which fits inside the body extrusion, allows up to 30 ft to be lit from a single feed point without dark gaps between strips.

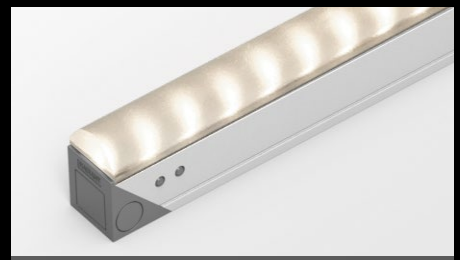
Designed for use in both indirect cove lighting applications and also, with the addition of a linear lens and optical films, for wall grazing and wall washing.

The system incorporates the same medium power LEDs used in the Shard and Euclid 12 so that all these systems can be used together. Up to 1000 lumens per ft for the high output version. Clear window, Opal and Dot free opal and clear are available along with RGBW and dynamic white light versions.

The system can be supplied in any length up to 8.3 ft with the smallest cutting module based on 4" LED pitch.

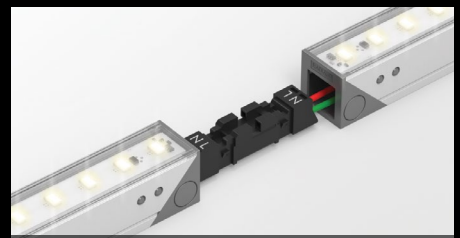
Variable length up to 8.3' based on a nominal 4" module length

Up to 1,000 lumens per ft



Linear lens version - 40° beam angle

Dot-free version



Plug together 16 Amp connector between strips. Connector fits inside modules for continuous lighting

Euclid 20 side feed

London Heathrow Airport, Terminal 2. Lighting design by Studio Fractal and Hoare Lea. Lux Award winner

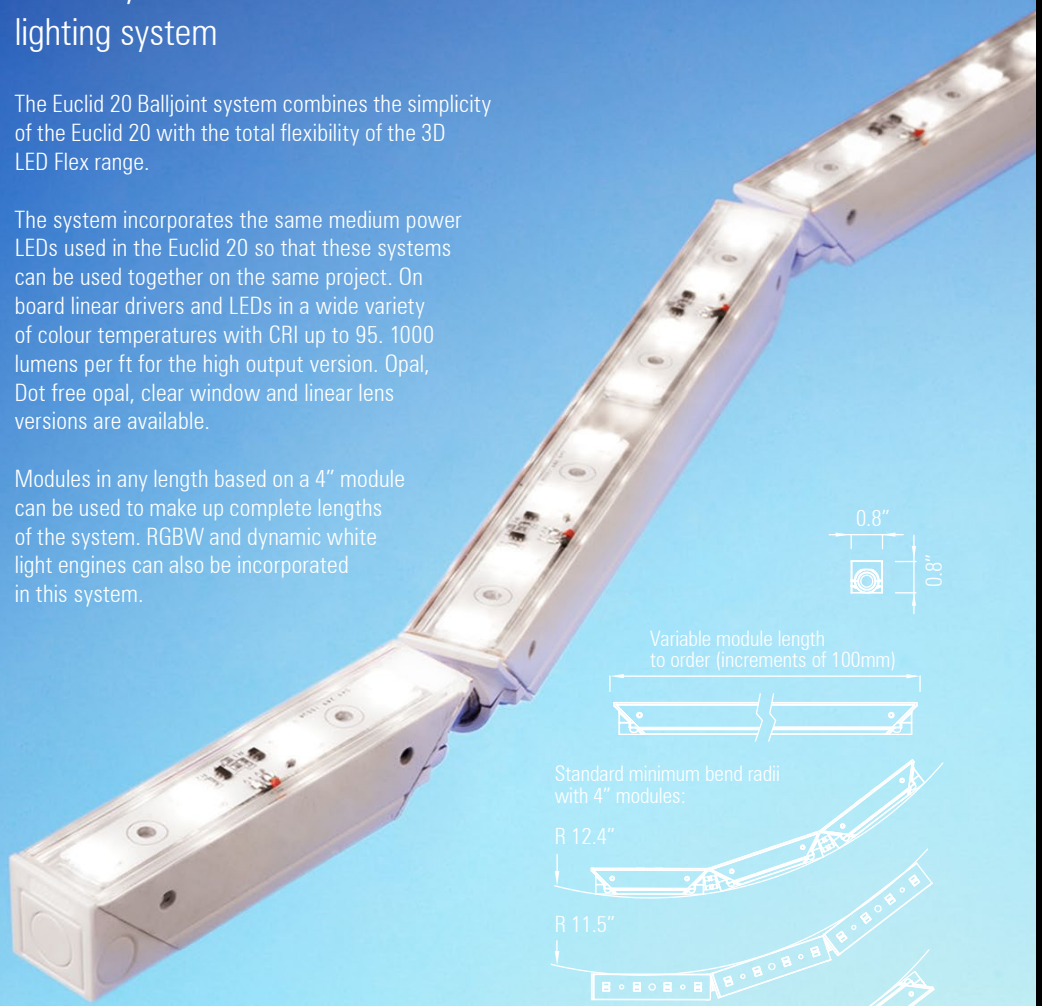
Euclid 20 Balljoint Standard and High Output

Modular, 3D flexible LED linear lighting system

The Euclid 20 Balljoint system combines the simplicity of the Euclid 20 with the total flexibility of the 3D LED Flex range.

The system incorporates the same medium power LEDs used in the Euclid 20 so that these systems can be used together on the same project. On board linear drivers and LEDs in a wide variety of colour temperatures with CRI up to 95. 1000 lumens per ft for the high output version. Opal, Dot free opal, clear window and linear lens versions are available.

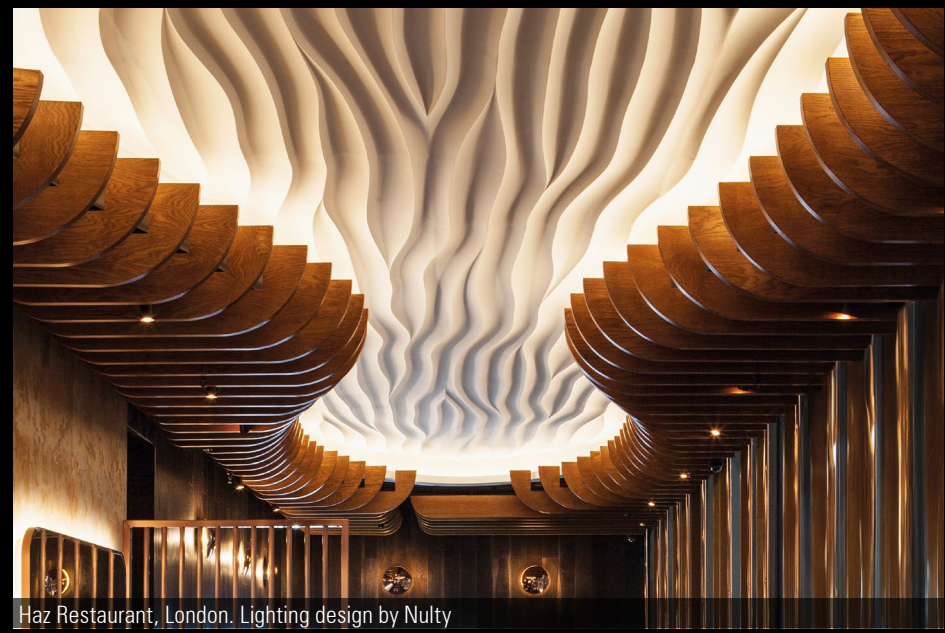
Modules in any length based on a 4" module can be used to make up complete lengths of the system. RGBW and dynamic white light engines can also be incorporated in this system.



Up to 1,000 lumens per ft

Oriental Club, London.
Lighting design by Victoria Jerram.

Damp location version with TIR optics



Haz Restaurant, London. Lighting design by Nulty

Euclid 40 IP20 Vector

Asymmetric LED linear lighting system

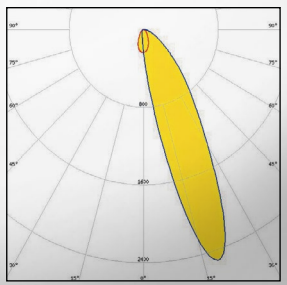
A custom designed asymmetric output version of the Euclid 40 was developed for the refurbishment of the David Geffen Hall at Lincoln Center for the Performing Arts in New York, in collaboration with lighting designers Fisher Marantz Stone.

In order to successfully illuminate the acoustically optimized undulating beech wood paneling of the auditorium walls luminaires with a strongly asymmetric output were required.

The custom Euclid 40 luminaires incorporate angled asymmetric lenses, anti glare louvres and a softening optical film to produce the optimal lit effect for the project.

Radiant self locking adjustable angle mounting brackets were included allowing vertical adjustment of individual luminaires.

Semi recessed and surface mounted versions of the luminaires were developed. All visible metal work was powder coated in a bespoke RAL powder coat, produced especially for the project, which matches the paint finish used for the project ensuring that the luminaires are as visually unobtrusive as possible.



Up to 1,200 Lumens per ft.

David Geffen Hall, New York, United States Lighting design by Fisher Marantz Stone

Flaplight IP20

LED interior linear display lighting system

The Radiant LED Flaplight system incorporates lockable, hinged barn-door flaps to control glare and cut-off.

The Flaplight System can be configured as a picture-light, pendant, task-light, vertical free-standing luminaire, or a flexible-linear system.

With the flexible version, a series of custom-length Flaplight modules are linked with our patented friction ball-joints, allowing for 3-dimensional flexibility.

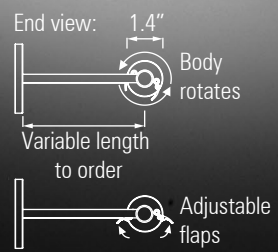
The system has been developed for a wide variety of linear display lighting applications including museums, galleries and retail.

The lighting head can be fitted with a variety of lenses to control the beam angle.

A wide range of Anodized and powder-coat finishes are available.

Bracketry and luminaire lengths can be customised to suit project requirements. The flaps and body can be locked at the correct aiming angle.

Integral LV constant current drivers are dimmable with all systems.



Up to 3,000 Lumens per mtr

The barn-doors control glare and cut-off

3D-flexible linear configuration

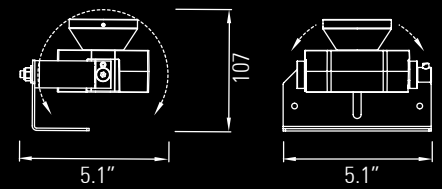
D100 IP20

LED spotlight range IP20

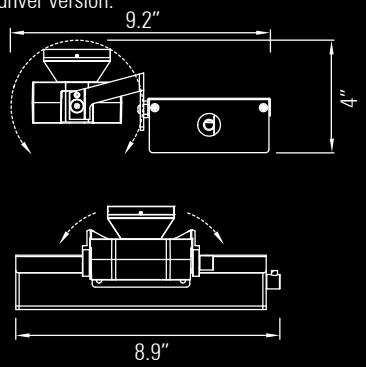
The D100 range was originally developed for use in the relighting of Hereford Cathedral in conjunction with Light Perceptions. A low profile and excellent glare control were required for this project to ensure that the spotlights were as discreet as possible. There are integral and remote driver versions with one, or multiple spotlights per luminaire. A wide variety of anti-glare, beam control and colour filter accessories are available. They are fully rotatable and lockable in both axes.

Up to 1,000 Lumens per spotlight

Remote driver version:



Integral driver version:



D100 IP20 integral driver version with two spotlight heads

Hereford Cathedral, UK. Lighting design by Light Perceptions

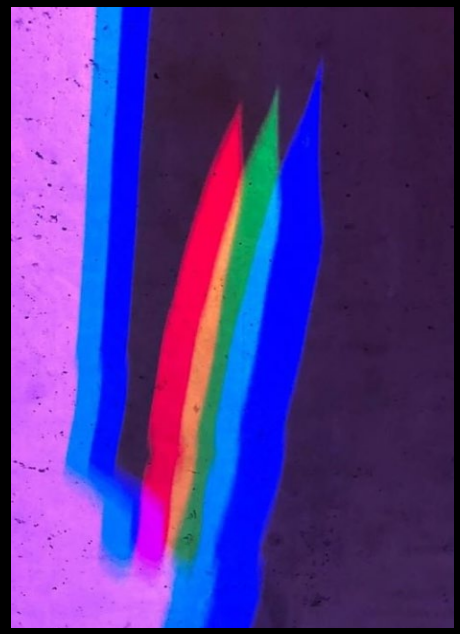
D100 IP20 Split RGB

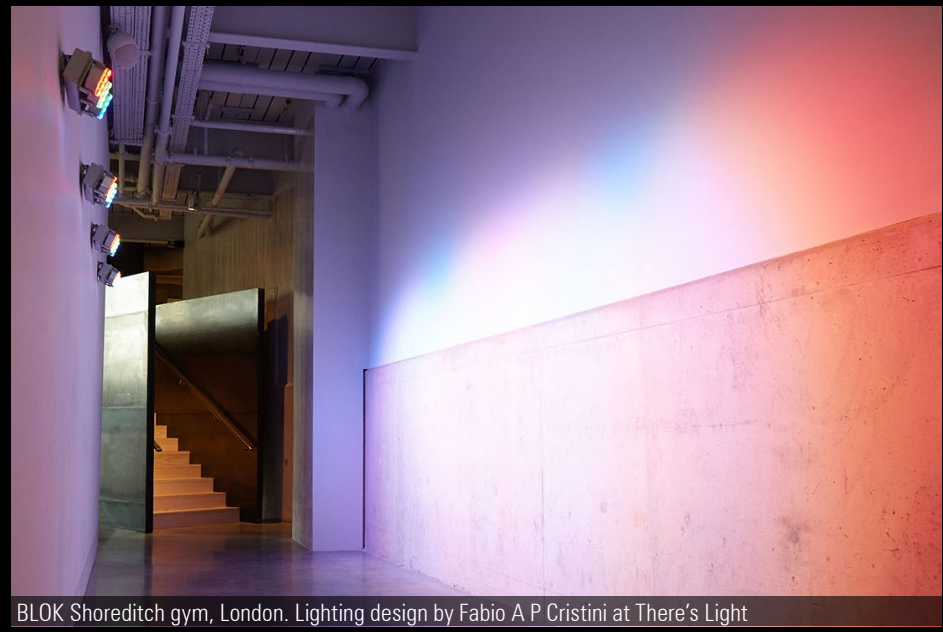
LED spotlight range IP20 with separate RGB spotlights

A custom version of the D100 Spotlight IP20 was designed in collaboration with Fabio A P Cristini at There's Light to create a triple colour shadow effect for the BLOK Shoreditch gym in London.

Three spotlight heads, each with different colour LEDs, are mounted to a driver box. Each one comprises 4 x high power LEDs with elliptical Ledil Tina lenses. They can be run at up to 11 Watts each.

Objects which are placed in front of them cast a 3 colour shadow onto the wall behind.





BLOK Shoreditch gym, London. Lighting design by Fabio A P Cristini at There's Light

D100 IP66

LED accent lighting range IP66

The Radiant D100 system has been developed for use in a wide variety of exterior architectural lighting projects requiring highly controlled accent lighting effects from a compact luminaire. The D100 can operate up to 10 Watts of LEDs, giving a light output of up to 1,000 Lumens. Various LED types and optic configurations are available including RGBW, RGBA and Tunable-white light options. Gaggione's ultra-narrow beam colour-blending lens provides a 6 degree beam when used in conjunction with a cluster array of RGBW or Tunable-white LEDs. Integral LV DC to DC driver and remote AC to DC driver versions are available. A variety of mounting options and anti-glare accessories are also available, making this a highly versatile system.

Ultra Narrow 3 degree beam lens

RGBW or Tuneable-White with ultra-narrow 6 degree beam lens

Arnhem, Netherlands. Lighting design and project photography by Atelier LEK

Custom versions of the D100 IP66 spotlight system were created in collaboration with Atelier Lek for the master lighting renovation project for the city of Arnhem in Holland. Custom bracketry allow the spotlights to be mechanically integrated into the masts, which were designed and commissioned by Atelier Lek specifically for this project. The brackets allow the spotlights to be rotated and aimed, whilst maintaining a compact form factor. The spotlights comprise of a high power LED light engine with a narrow beam Gaggione lens, which provides highly controlled accent lighting used to illuminate the historic former Post Office building and other architectural highlights around the city centre. Each spotlight can be run at up to 10 Watts, providing up to 1,000 lumens.

Up to 1,000 Lumens per spotlight

D40 IP66

LED accent lighting range IP66

The Radiant D40 system has been developed for use in a wide variety of exterior architectural lighting projects requiring highly controlled accent lighting effects from a compact luminaire. The D40 can operate up to 5 Watts of LEDs, giving a light output of up to 500 Lumens. Various LED types and optic configurations are available including RGBW, RGBA and Tunable-white light options. An ultra narrow beam lens can produce a 4° beam. Integral LV DC to DC driver and remote AC to DC driver versions are available. A variety of mounting options and anti-glare accessories are also available, making this a highly versatile system.

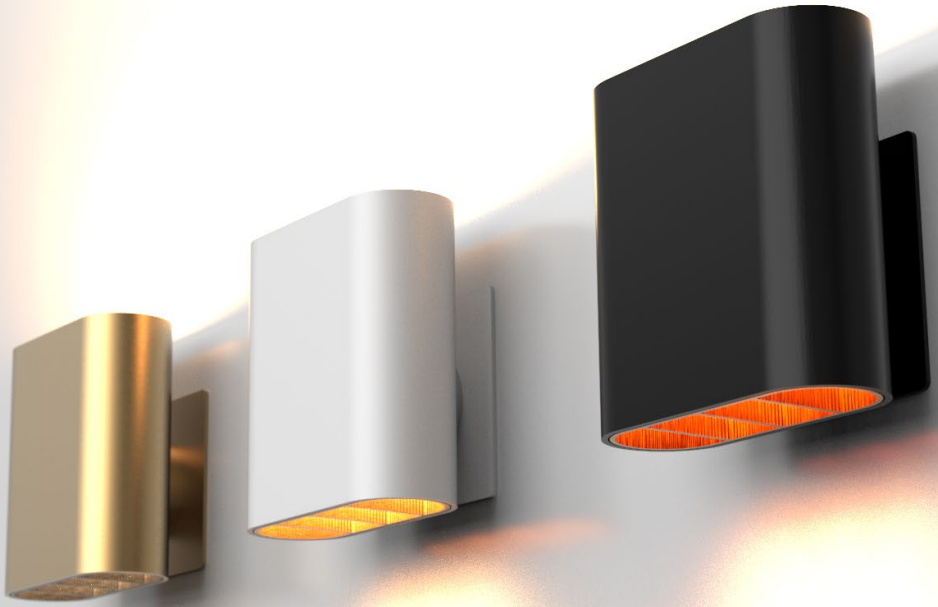
Strasbourg Cathedral, France. Lighting design by Acte Lumiere.
Darc Award Winner - Structures: Best Exterior Lighting Scheme, High Budget

Centura module IP20

LED accent lighting range IP20

The Radiant Centura module IP20 system has been developed for use in a wide variety of architectural lighting projects requiring highly controlled accent lighting effects from a compact luminaire. The Centura module system can be used as wall-lights with up light, down light or up and down light options. Opal diffuser for ambient lighting, or lensed options for wall grazing can create the perfect lit effect to meet the project requirements. The Centura 40 module, which is 4" in length, or the longer Centura 40 150 module, which is 5.9" in length, have a slim profile of 1.5". The larger 60mm wide Centura 60 module, which is 4" in length, can be specified for projects which require a 1.8 diameter Gaggione colour-blending lens. This allows for perfectly blended RGBW and Tunable-white outputs in a range of beam angles, including ultra-narrow beam and narrow-elliptical beam options. Centura modules can also be specified as downlight ceiling mounted fixtures.

The Centura 40 150 module system can operate up to 7.5 Watts of LEDs per module, giving a light output of up to 800 Lumens. Various LED types and optic configurations are available. Integral LV DC to DC driver and remote AC to DC driver versions are available. Any colour RAL powder coat finish can be specified. Custom mounting solutions can be specified.



Up to 800 Lumens per module

Water Effect Lighting system

DMX controlled, dynamic LED effect light, IP20 and IP65

The Water Effect system was developed with ÅF Lighting for the Landmarket residential tower block project in Stockholm.

The surface mounted luminaires create a slowly changing effect of light reflected from flowing water.

A wide range of LED colour temperatures and coloured LED options can be incorporated in this system. Combining multiple LEDs with different textured glass panels and a 4 channel DMX controller creates unique lighting effects which can be customized for each project.

Light output up to 1,900 lumens with all LEDs on full power.

The system is available in IP20 and IP65 versions and the enclosures can be powder coated in any RAL finish.

There are currently two sizes available: a 6.1" length version and a 11.8" length version.

Landmärket residential tower, Stockholm. Luminaire concept and lighting design by ÅF Lighting

Water Effect In-ground RAD 250 WE and RAD 180 WE

DMX controlled, dynamic LED effect light, IP20, IP66 and IP67

The in-ground version of the Water Effect system has developed the concept to a higher power level with multiple groups of LEDs and DMX control channels. Combining a variety of LED colour temperatures and colours with textured glass and complex dimming sequences creates abstract light patterns that can be customized for each project. The luminaires are durable with a walk over rated glass window, provide up to 3,500 lumens and as there are no moving parts, will provide a long working life. 10" and 7" diameter luminaires are available with a depth of only 4" for some versions.

MBLD specified Radiant's Water Effect system to provide dynamic effect lighting for the W Algarve in Portugal. The LED sequence, controlled by the integral DMX controller, along with the light engines and decorative textured glass, were all tailored to achieve the perfect lit effect for each area of the project. The luminaire comprises a durable walk-over rated glass window, a stainless steel bezel, and a buried housing which contains the DMX controller, light engine and textured glass. The system is IP67 rated.

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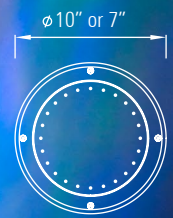
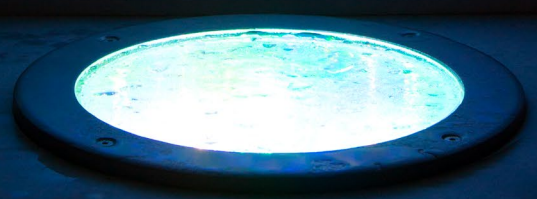





W Algarve, Portugal. Lighting design and project photography by MBLD

Euclid 40 WE System IP20

Interior, linear, DMX controlled, dynamic LED effect lighting system

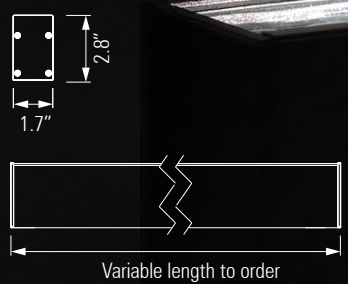
The Euclid 40 WE IP20 System is a linear, DMX controlled, dynamic LED effect lighting system, designed for use in interior architectural lighting applications.

Decorative, dynamic lit-effects are achieved using a combination of an LED matrix of various colour temperatures and colours, complex DMX controlled dimming sequences, and textured glass optics.

As the dynamic lit-effect does not rely on any moving parts, the system has a long working life of up to 100,000 hours, as the LEDs are not run at full output for most of the dimming sequence.

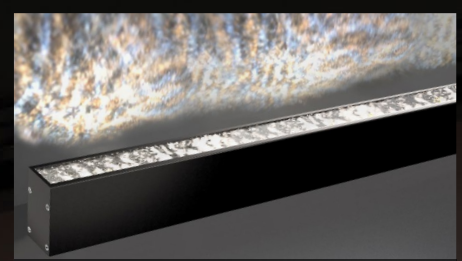
Custom lit-effects can be achieved to suit project requirements by modifying the DMX controlled LED sequences, the combination of LEDs specified and the type of textured glass optic used.

Anti-glare accessories including snoots are available to minimise glare.



Euclid 40 WE IP20 with ripple effect optic

100mm modules with flexible cable connection

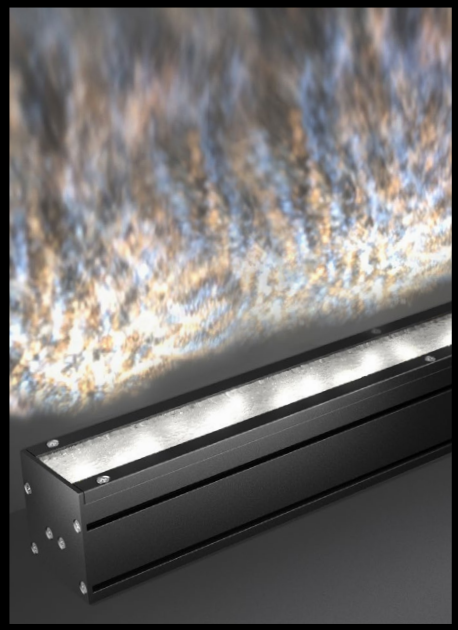


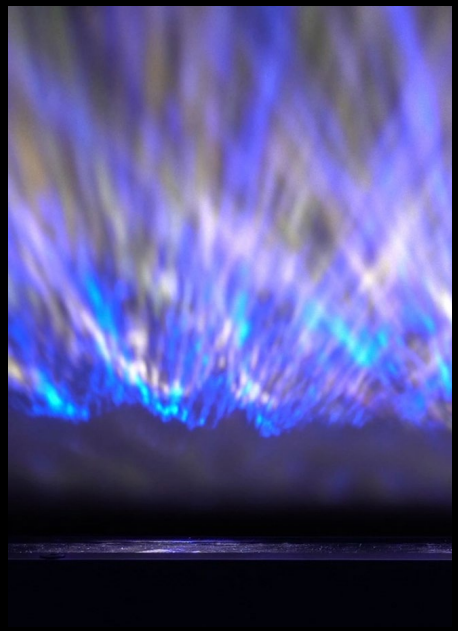
Euclid 40 WE IP20 with dappled effect optic

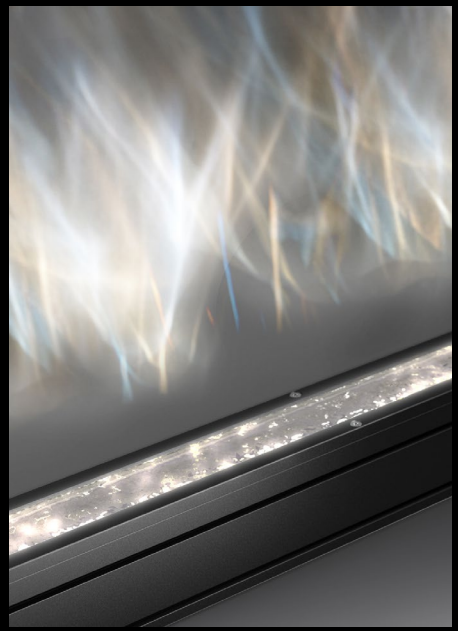
Euclid 60 WE System IP65

Exterior, linear, DMX controlled, dynamic LED effect lighting system

The Euclid 60 WE IP65 System is a linear, DMX controlled, dynamic, LED effect-lighting system, designed for exterior architectural and landscape lighting applications. As with all of Radiant's Water Effect Systems, there are no motorized components and the dynamic lit effect is controlled by the DMX dimming sequence. Customised lit effects can be tailored to suit project requirements. The system can provide up to 915 lumens per ft.







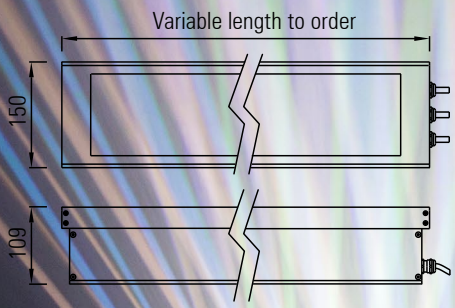
Water Effect Linear

DMX controlled, dynamic LED effect light, IP20, IP66 and IP67

The linear in-ground version of the Water Effect system illustrated here utilises multiple LED groups and DMX channels combined with a custom linear prismatic optic to create gently changing sequences of light rays.

The system can be supplied for use in interior indirect cove lighting applications in an IP20 enclosure or in an IP rated enclosure for exterior wall washing.

W Algarve, Portugal. Lighting design by MBLD



D 100 and D 200 WE System IP20 and IP66

DMX controlled, dynamic LED effect lighting projector system

The D 100 WE and D 200 WE are LED effect-lighting projectors, developed for use in landscape and architectural lighting applications which require customisable, decorative, dynamic lit-effects from a compact luminaire. They are suitable for indoor and outdoor applications.

Like all of Radiant's Water Effect Systems, customisable, decorative, dynamic lit-effects are achieved with an LED matrix of various colour-temperatures and colours, complex DMX controlled dimming-sequences, and textured-glass optics.

They do not rely on any moving parts and the LEDs are not run at full power for most of the dimming sequence, giving a long working life of up to 100,000 hours.

Both integral DMX LV driver and remote AC to DC DMX driver versions are available.

The standard brackets are rotatable in two axes. Custom project-specific mounting brackets are also available. Tree-strap and ground spike options can be specified.

D100 WE IP 66 with ripple effect optic

D200 WE IP 20 with dappled effect optic

3D LED Flex 40 WE System IP 20

Interior, 3D Flexible, DMX controlled, dynamic LED effect lighting system

The 3D LED Flex 40 WE System IP 20 combines the dynamic effect-lighting approach developed for our Water Effect range with the 3D flexible, modular, linear format of our 3D LED Flex systems, incorporating a patented ball-joint system linking the modules.

The 4" modules are linked by an articulated ball-joint system, which allows the system to bend and twist in 3 dimensions - allowing it to follow complex curved architectural profiles. The system is hand-bendable on-site and the adjustable angle brackets allow for the lit effect to be aimed and locked once installed.

RADIANT®

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