

# RADIANT

ARCHITECTURAL LIGHTING

2018

## Euclid 30 IP65

### Exterior LED linear lighting system

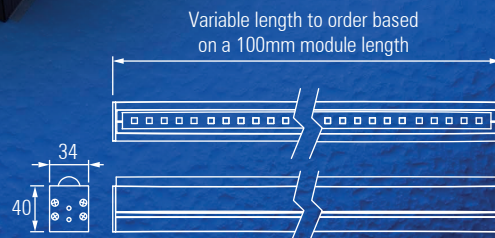
The Euclid 30 IP65 system can be used in a wide variety of exterior linear lighting applications including indirect cove lighting, wall grazing and wall washing.

The extruded body heat sink incorporates space for IP67 rated connectors so that up to 11 mtrs of the system can be linked together on site and fed from a single feed point without dark gaps.

The system incorporates the same medium power LEDs used in the interior Euclid systems. Up to 2,000 lumens per mtr. Opal, Dot free opal, clear window and linear lens versions are available. RGBW and dynamic white light engines can also be incorporated in this system.



Lumens per mtr

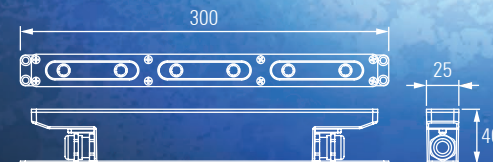
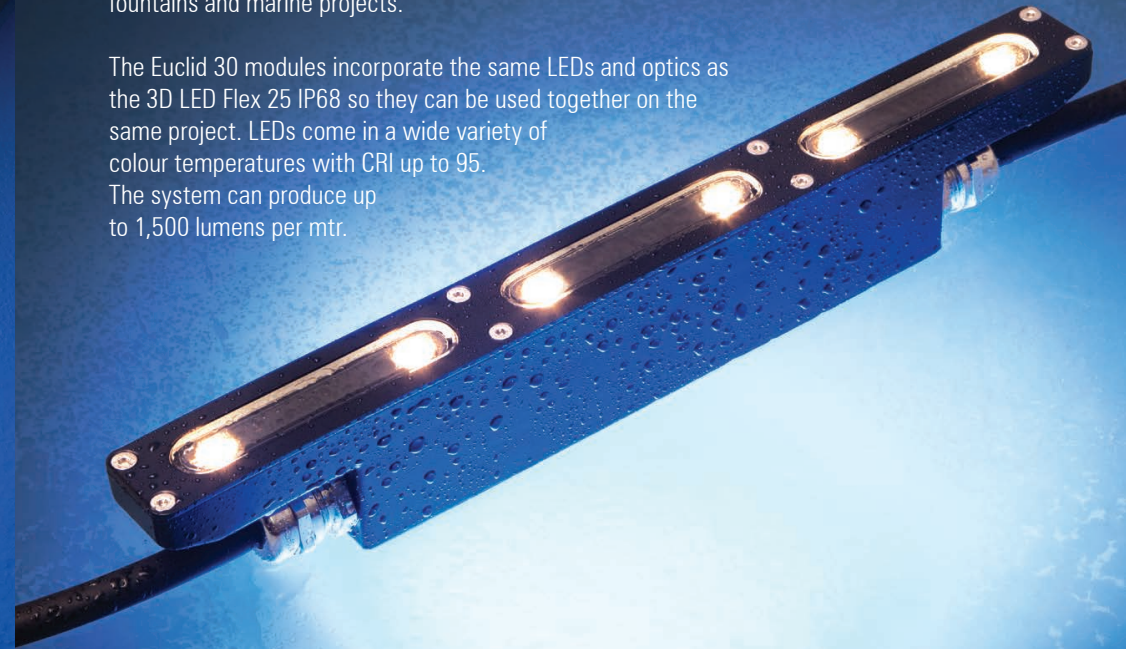


## Euclid 30 IP68

### Underwater IP68 LED linear lighting system

The Radiant Euclid 30 IP68 system is designed for use in underwater applications where linear 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, up to 2 mtrs in depth, including pools, fountains and marine projects.

The Euclid 30 modules incorporate the same LEDs and optics as the 3D LED Flex 25 IP68 so they can be used together on the same project. LEDs come in a wide variety of colour temperatures with CRI up to 95. The system can produce up to 1,500 lumens per mtr.



Lumens per mtr





# Euclid 40 IP20

## LED linear lighting system

The Euclid 40 system has been developed for use in a wide variety of linear indirect lighting applications including cove lighting. The system can be fitted with an opal diffuser to create continuous lines of dot free light.

The system incorporates the same medium power LEDs used in the Shard and other Euclid systems so that they can all be used together.

The profile and light output of the Euclid 40 matches the non lens version of the 3D LED Flex 40 so that they can be used in the same project to light linear and curved spaces.

Up to 3,000 lumens per mtr. Clear or opal window versions are available along with RGBW and dynamic white light versions.

The system can be supplied in any length up to 2.5 mtrs with the smallest cutting module based on a 50 mm LED pitch.



Lumens per mtr



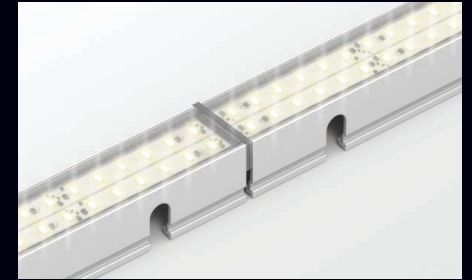
Euclid 40 side feed



Euclid 40 end feed



Connector between modules up to 16 Amps



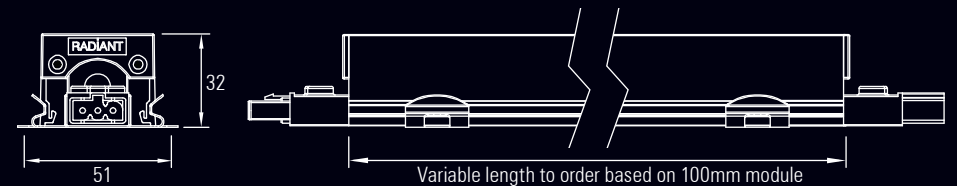
Connector fits inside modules for continuous lighting



Euclid 40 continuous LED pitch across modules



Spring clip mounting



# Euclid 40 IP20 with lenses

## LED linear lighting system

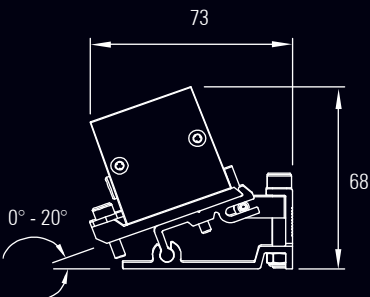
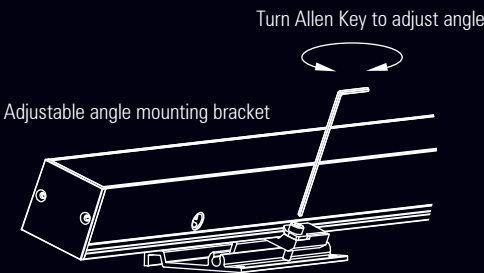
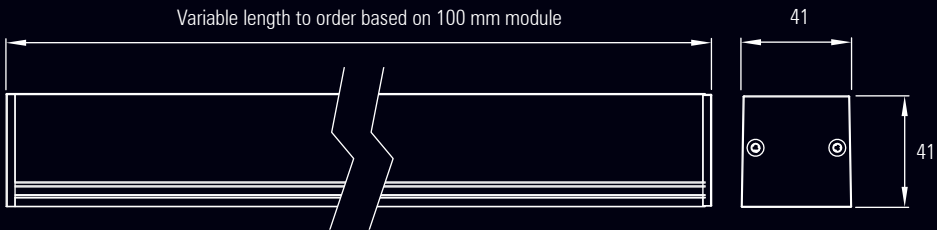
The Radiant Euclid 40 system has been developed for use in a wide variety of linear direct and accent lighting applications including wall grazing, and wall washing. Very narrow lenses provide excellent wall grazing over long distances. The profile and light output of the Euclid 40 matches the lens version of the 3D LED Flex 40 so that they can be used in the same project to light linear and curved surfaces. Anti-glare louvers from the 3D LED Flex 40 can also be used with the Euclid 40.

The self-locking adjustable angle bracket allows precise aiming from the front.

Side and back power feeds allow continuous lighting without dark space on long runs and the LED pitch is maintained between individual luminaires to maintain constant lighting levels.

The system can be supplied in any length up to 2.5 mtrs with the smallest cutting module based on a 50 mm LED pitch.

Lumens per mtr





# Euclid 40 IP65

## Exterior LED linear lighting system

The Euclid 40 IP65 system has been developed for use in exterior indirect linear lighting applications.

The system incorporates DC to DC linear constant current drivers to ensure efficient LED operation and so that long lengths of the system can be run from a single large power supply thus reducing wiring and installation costs. The Euclid 40 system can provide up to 3,000 lumens per mtr.

The extruded heat sink profile design allows end, side or back power entry. The LED pitch is maintained between the individual luminaires to maintain constant lighting levels without dark areas.

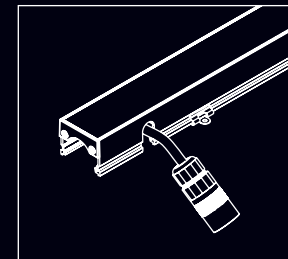
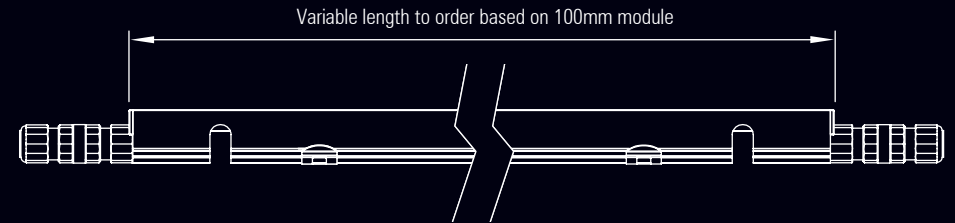
The system can be supplied in any length up to 2.5 mtrs with the smallest cutting module based on a 50 mm LED pitch.



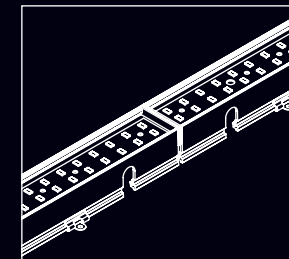
Lumens per mtr



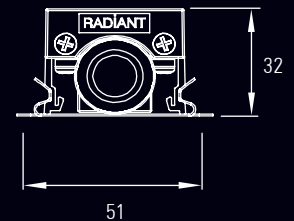
Swindon Designer Outlet, UK. Lighting design by Aecom



Side entry power feed option



Continuous LED pitch across strips





# Euclid 60 IP65

## Exterior LED linear lighting system

The Euclid 60 system has been developed for use in exterior linear lighting applications including wall grazing and wall washing. The system incorporates mains voltage dimmable drivers.

Side, back and end power feed options ensure continuous lighting without dark areas between luminaires.

The system can be supplied in custom lengths based on a 100 mm module up to 2.5 mtrs.

A variety of mounting bracket and glare control options are available including both micro and honeycomb louvres.

The system can be supplied in any RAL colour powder coat finish.



Micro louvre for glare control



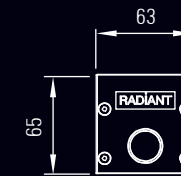
Honeycomb louvre for glare control



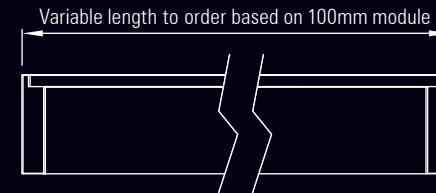
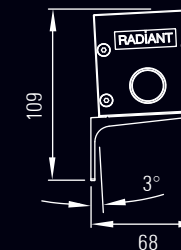
Side power feed



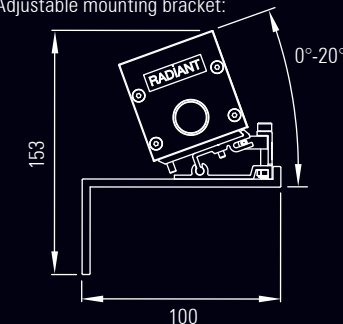
Back power feed



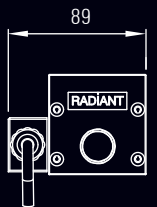
L - bracket:



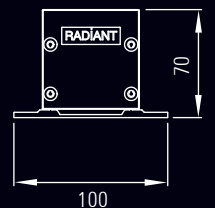
Adjustable mounting bracket:



Side or back cable entry box:



T - bracket:





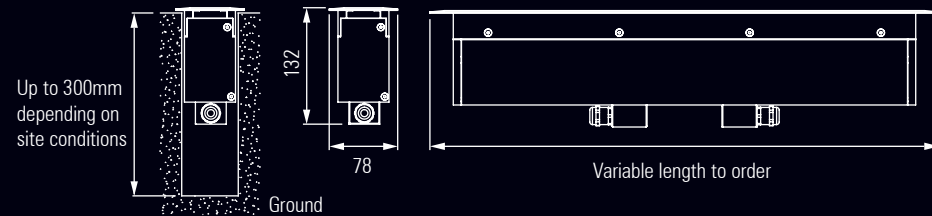
# Euclid 60 IP68 In-Ground

## Buried LED linear lighting system IP68

The Euclid 60 system has been developed for use in exterior wall grazing lighting applications.

The high power optical system has been developed to produce an ultra narrow, dot free, line of light. Dark areas between luminaires are minimised with an innovative frame detail.

A variety of anti-glare materials can be incorporated including a linear micro louvre and honeycomb louvre panels.



60 Honeycomb louvre for glare control



Micro louvre for glare control



Lumens per mtr  
0 1000 2000 3000 4000 5000



# Euclid 80 IP65

## RGBW LED linear lighting system IP65

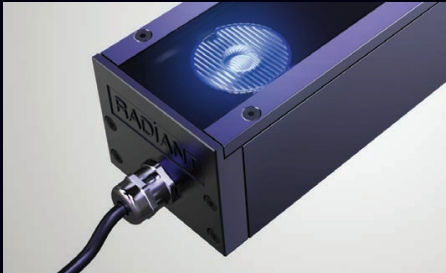
The Euclid 80 system has been developed for use in high power exterior linear RGBW architectural lighting applications including wall grazing and wall washing.

This system incorporates highly efficient colour blending Gaggione lenses giving high levels of RGBW, dynamic white or white LED output.

Integral or remote mains DMX / DALI drivers can be used.

The system can be supplied in custom lengths based on a 200 mm module up to 2.5 mtrs. A variety of mounting bracket and glare control options are available.

The Euclid 80 system can be supplied in any RAL colour powder coat finish.



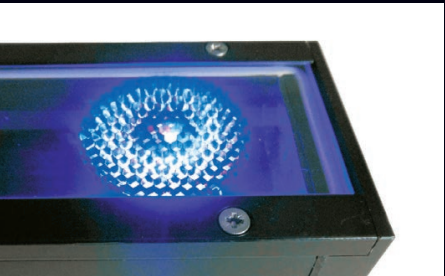
End power feed



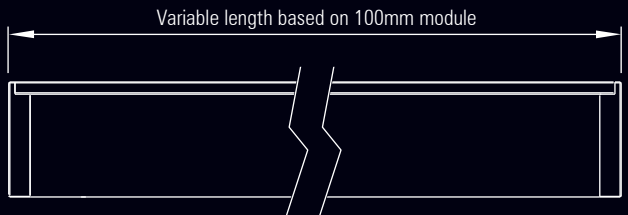
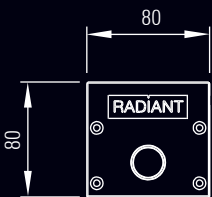
Side or back power feed



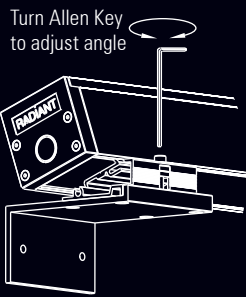
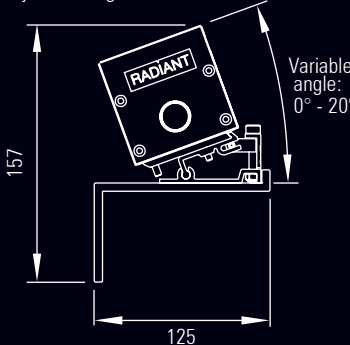
Adjustable angle bracket



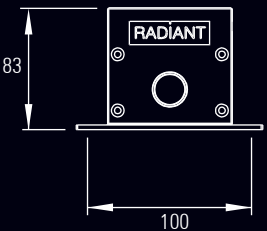
Anti-glare honeycomb louvre



Adjustable angle bracket:



Fixed mounting bracket:





# Euclid 100 IP65

## Exterior LED linear lighting system IP65

The Euclid 100 system is the most powerful linear system in the range and has been developed for use in exterior linear high output architectural lighting applications including wall grazing and wall washing.

This system incorporates 2 lines of light engines with optics. By combining elliptical and wider beam angle lenses in the same luminaire tall facades can be evenly lit.

The system incorporates dimmable line voltage drivers.

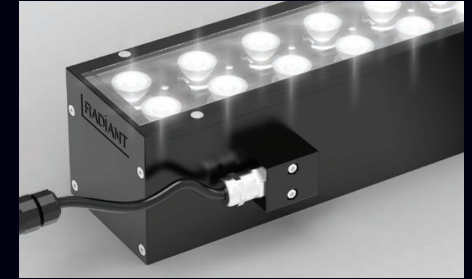
The system can be supplied in custom lengths based on a 200 mm module up to 2.5 mtrs.



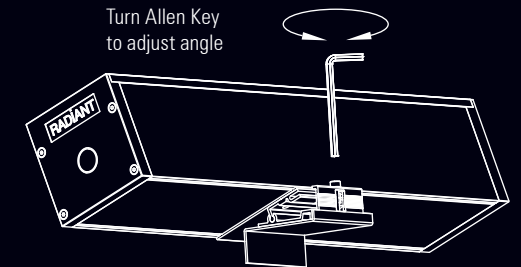
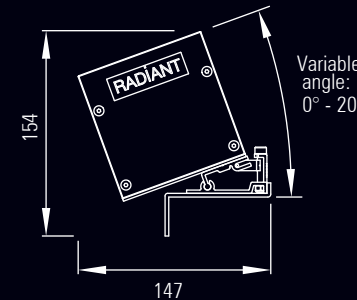
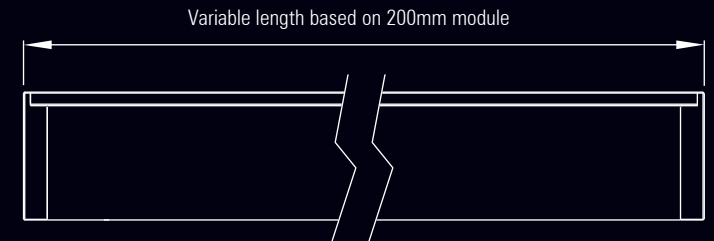
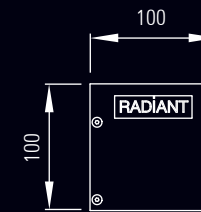
Lumens per mtr



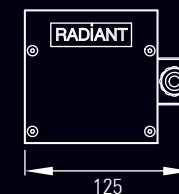
End power feed



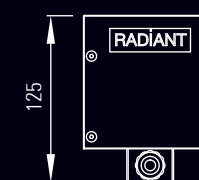
Side or back power feed



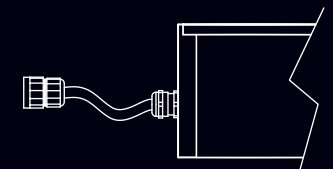
Side cable entry



Back cable entry



Cable entry through end cap



# Tube Light

## Exterior linear lighting system IP65

The Tube Light system has been developed for use in a wide variety of interior and exterior lighting applications where an enclosed linear line of light is required.

The system can incorporate a wide variety of LED light engines with white or RGBW LED arrays.

LED drivers can be located within the luminaire and remote driver versions are also available for high ambient conditions and for 360 degree output types.

The outer extruded UV resistant hard coated polycarbonate tube is available in both clear and frosted finishes.

Surface mounting brackets, a pendant suspension kit and custom mounting options.

The surface mounting brackets allow rotation enabling wall grazing and washing effects.



Lumens per mtr



Double ended T5 fluorescent version



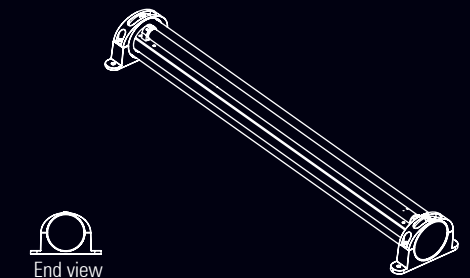
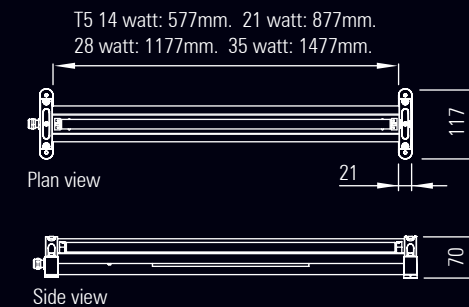
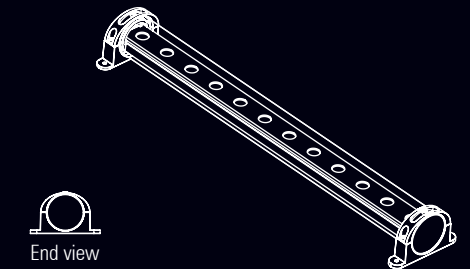
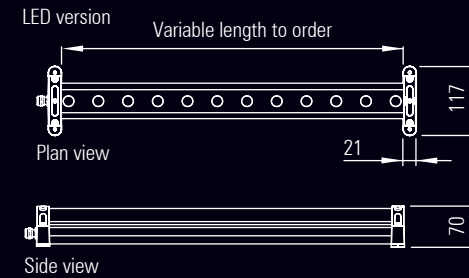
Multi LED version



Single ended PLL fluorescent version pendant



LED RGB or RGBW clear version





## Light Pipe

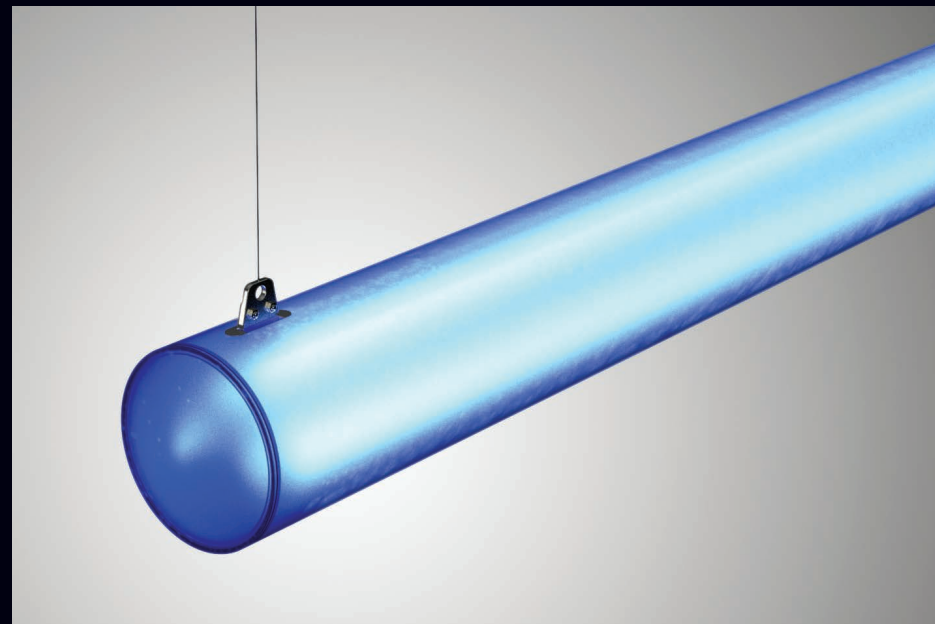
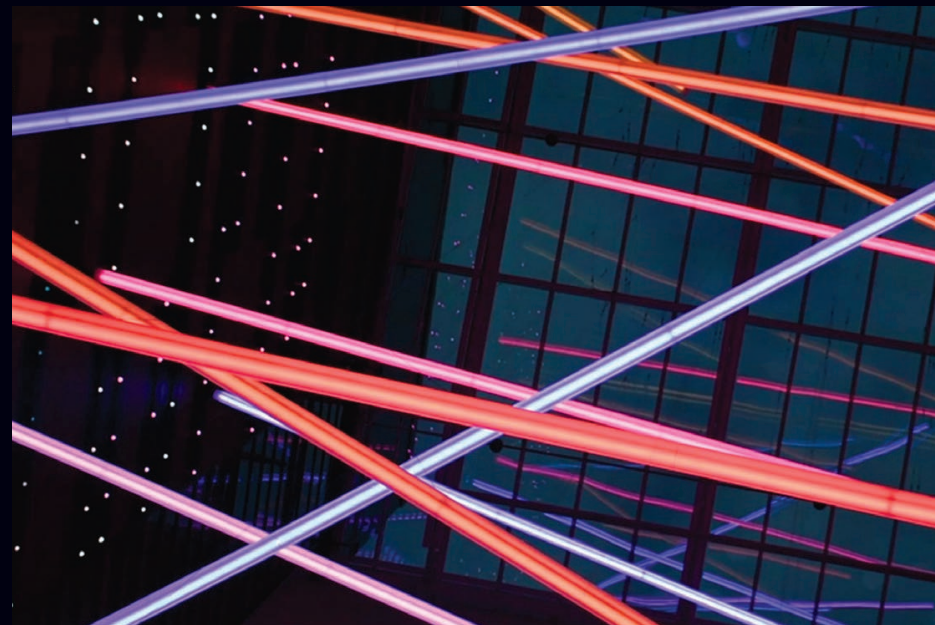
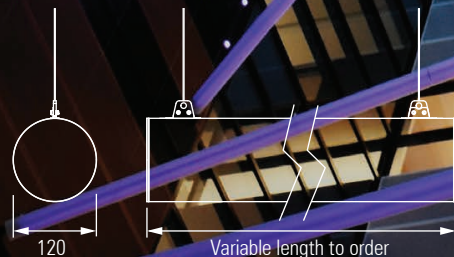
### RGBW LED linear lighting tube system

The Light Pipe system was developed with our Swedish distributor Rebel Light as a custom design for an atrium lighting project in Stockholm.

Long runs of linked high power RGBW light engines illuminate the sections of frosted acrylic diffuser.

A structural spine heat sink incorporates plug and play cable management for the light engines for ease of installation and servicing.

The system can incorporate a wide variety of LED light engines with white, dynamic white or RGBW LED arrays.





## Micro Track System



The Radiant LED Micro Track is one of the smallest section low voltage track systems available and is designed for use in retail display, museums and residential lighting applications.

The range of dimmable miniature spotlights can be fitted with a wide range of anti-glare and light control accessories.

The light output from the Radiant LED spotlight range contains very little heat or UV. The system is ideal for the illumination of sensitive materials.



MR16 LED Snap Spotlight. Up to 8 Watts



Mini LED Spotlight. Up to 5 Watts



Cone LED Micro Spotlight. Up to 3.5 Watts



Ribbed LED Micro Spotlight. Up to 3.5 Watts



Pico LED Spotlight. Up to 1.5 Watts



Nano LED Spotlight. Up to 2 Watts



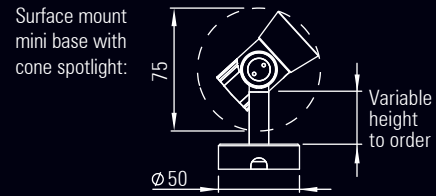
Ribbed LED Spotlight on 50mm surface mount base



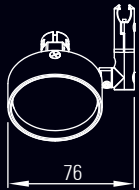
Ribbed LED Spotlight on 70mm surface mount base



# Micro Track System



Snap MR16 holder



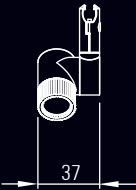
Mini Spotlight



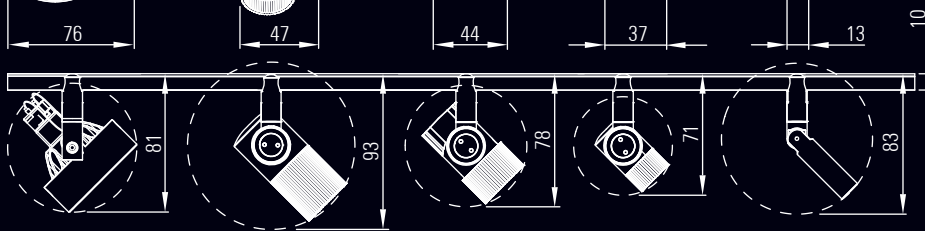
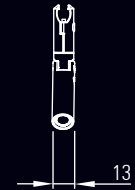
Micro Spotlight



Nano Spotlight



Pico Spotlight



Curved track



End cap and fixing clip with black and chrome track



Various lenses and honeycomb louvre



In-line connectors



72 Harrods department store, London. Lighting design by BDP



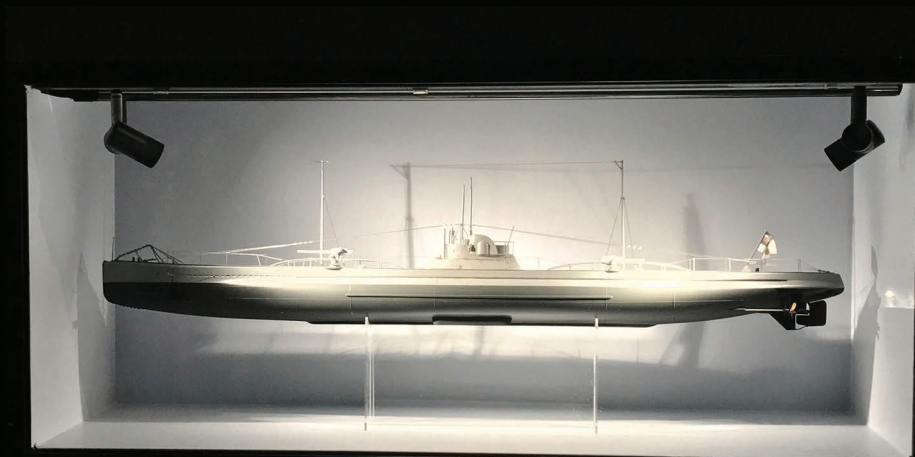
Garrick Club, London. Lighting design by BDP



## Micro Track System

Radiant Nano Spotlights  
on Radiant Micro Track.

Norway Submarine Museum, Oslo  
Lighting design by Rebel Light AB



### U 53

Modell av den tyske ubåten U 53. Ubåten senket 88 skip og skadet 111 skipet av første verdenskrig. Kaptein Hans Rose var en av de ubåtkapteinene som klarte å senke aller flest skip.

Industri og Internasjonale Maritime Museum Hordaland

### U 53

Model of the German submarine U 53. The U boat sank 88 ships and damaged 111 ships during WWI. One of the U boat captains who sank the most ships was Captain Hans Rose.

U 53 boat built in Hordaland, Norway. Photo: Rebel Light AB

Norway Submarine Museum, Oslo. Lighting design by Rebel Light AB





# Micro Egg Pendant

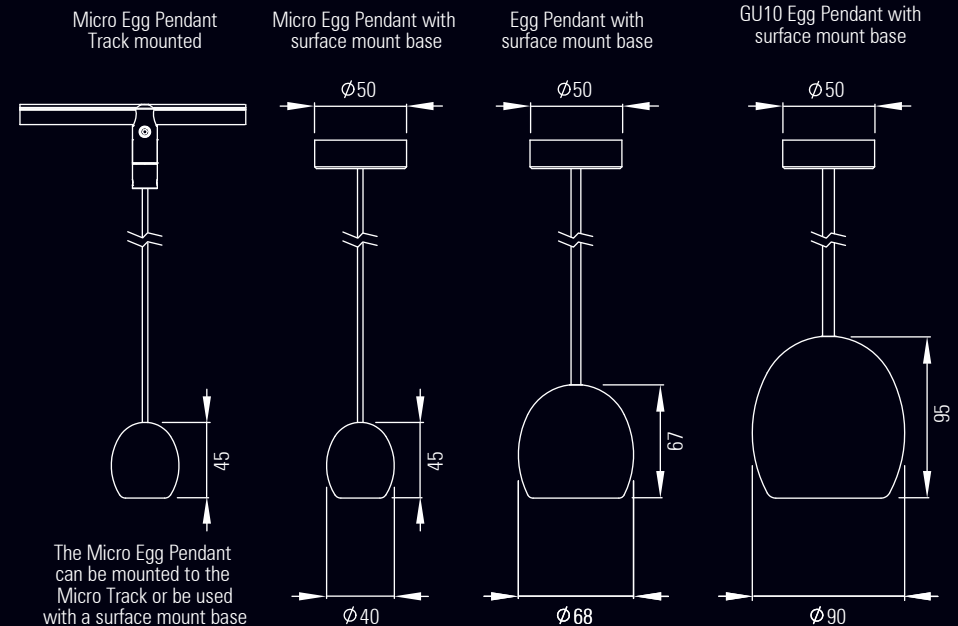
## Interior LED pendant system

The Radiant Micro pendant range incorporates the same optics and miniature LV DC to DC dimmable drivers as the Micro Track spotlight range so they can be used together in the same projects.

Designed to be used in a wide variety of hospitality and residential applications where the quality and control of light is of high importance. Dim to warm and very low colour temperature LED options are available.

The pendant range can be fitted with a range of anti-glare and light control accessories.

The light output from the LED array used for Radiant LED pendants contains very little heat or UV. The system is therefore ideal for the illumination of sensitive materials.



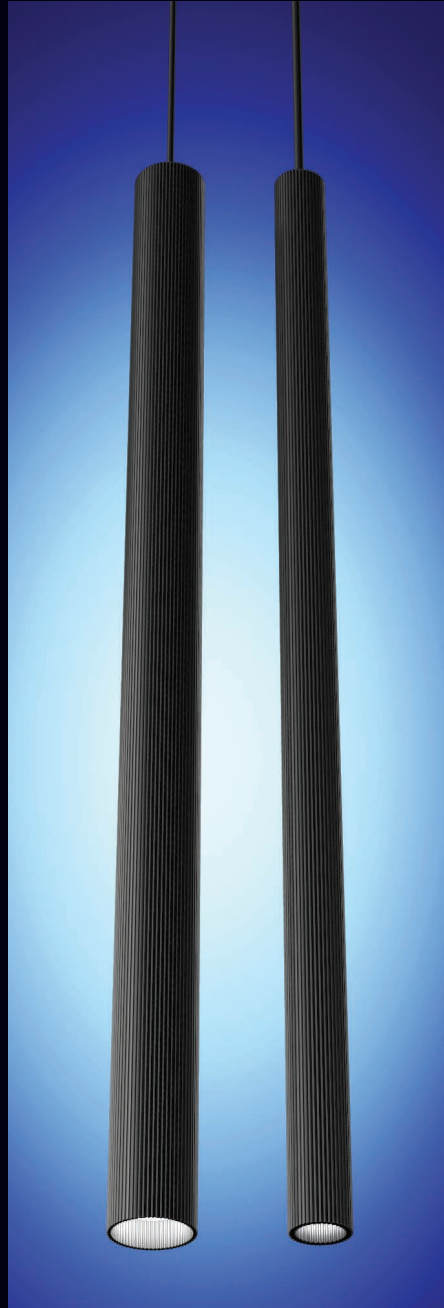
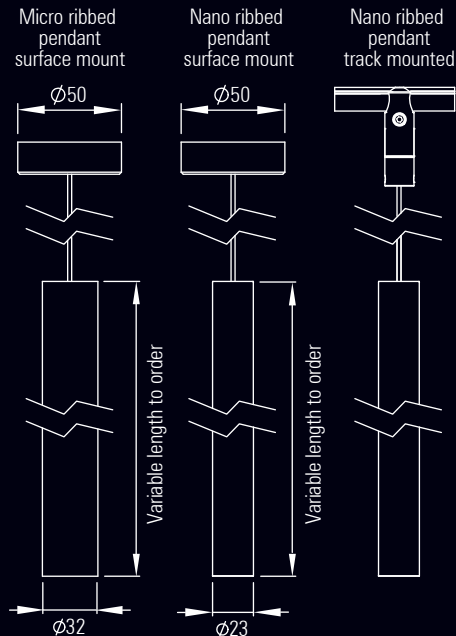
## Micro and Nano Ribbed Pendants

### Interior LED pendant system

The Ribbed pendant range incorporates the same optics and LV DC to DC dimmable drivers as the Micro Track spotlight range so they can be used together in the same projects.

2 diameters and custom lengths with any anodized or powder coat colour finish.

Designed for use in hospitality, retail, residential and architectural lighting applications.



## Micro Reflector Pendant

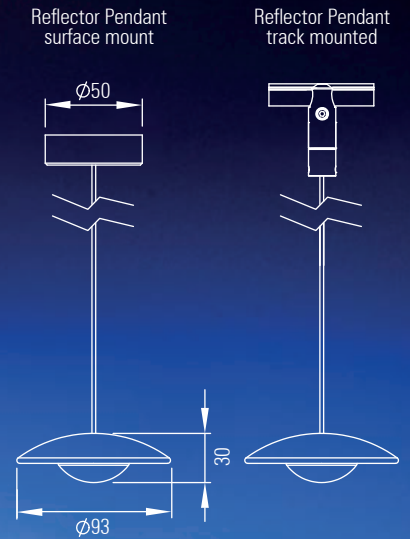
### Interior LED pendant system

The Micro Reflector LED Pendant system is a miniature LED pendant system for use with the Radiant Micro Track system or with a surface mount base.

Designed for use in a wide variety of hospitality and residential applications where the quality and control of light is important. The light is reflected off a high efficiency white reflector with low glare and excellent visual comfort.

Miniature DC to DC dimmable LV constant current driver are housed in the track adapter or surface mount base. Dimming options include 1 - 10V, DALI or DMX.

The pendants are available in any anodized or powder coated colour finish with a choice of cable colours.





# Magnetic Low Voltage Track

## Interior magnetic LV track and spotlight system

The magnetic track system allows very easy installation and movement of the Radiant LED spotlight range.

Separate track circuits for low voltage power and dimming ensures excellent dimming control with all protocols.

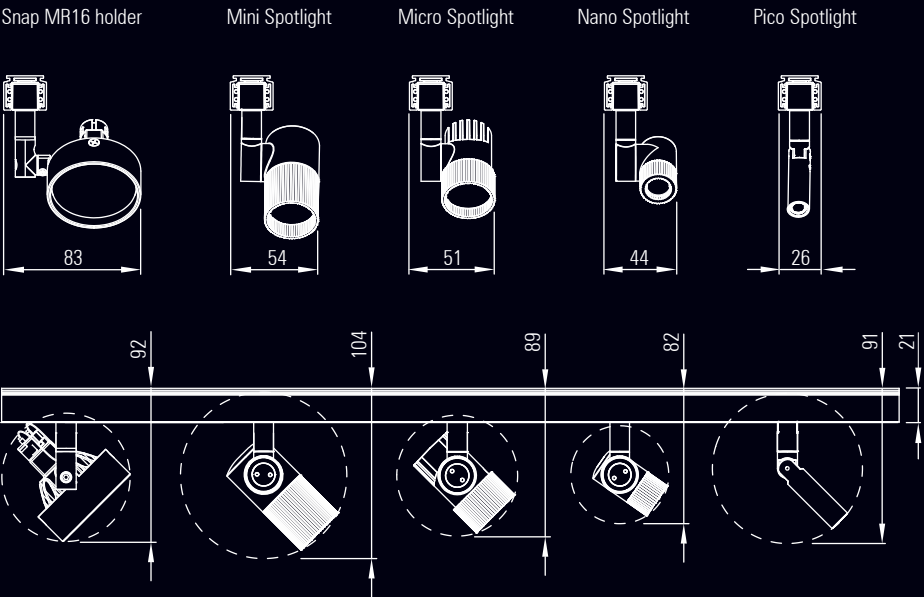
Ideal for retail, museum and hospitality lighting applications where luminaires need to be re-positioned on a regular basis without specialist technical help.



Magnetic track with Pico Spotlight



Magnetic track with Nano Spotlight



Magnetic track with Micro Spotlight

# RAD Track 4

## Interior LV track and LED spotlight system

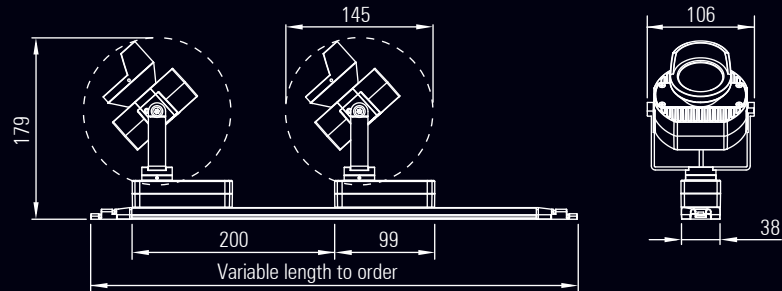
The Radiant RAD Track 4 is a slim profile low voltage track with separate circuits for low voltage power and dimming which ensures excellent dimming control with all protocols.

A range of high power LED spotlights can be fitted to the track with a DC to DC constant current driver housed in each track adapter. This allows manual dimming in conjunction with remote dimming with DMX, DALI or 1 - 10V.

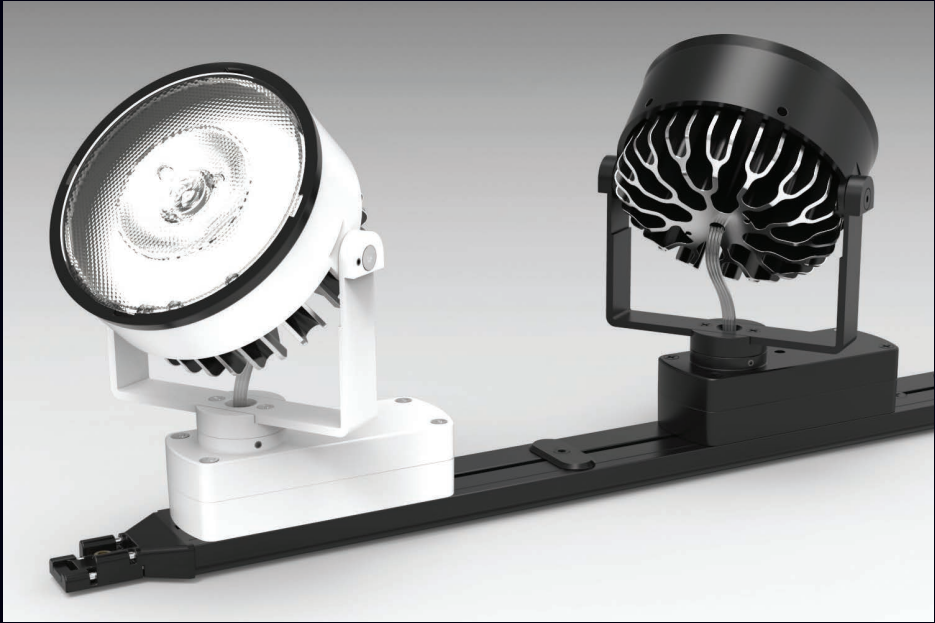
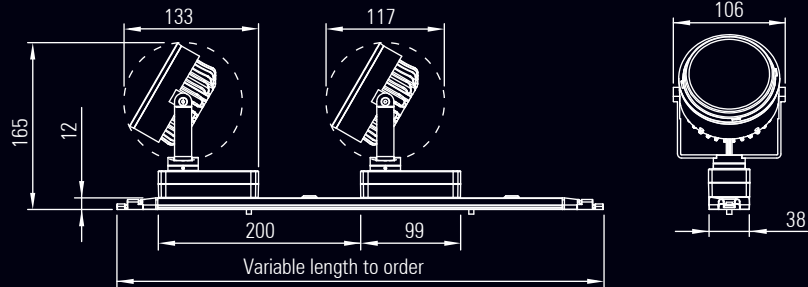
The spotlight range available for the RAD Track 4 include the SLE 30 Spotlight with Soraa light engine and the D100 Spotlight with 10 Watt Citizen COB. A wide variety of optics and anti-glare accessories including honeycomb louvres can be incorporated in this range.

Ideal for use in museum, gallery and retail lighting applications where a low profile is required combined with high output, excellent light quality and beam control.

D100  
Spotlight:



Soraa  
SLE 30  
Spotlight:



RAD Track 4 with Soraa SLE 30 Spotlights



RAD Track 4 with D100 Spotlight



# Global Track

## Line voltage three circuit track and LED spotlight system

The popular line voltage Global Track System is ideal for use in retail and gallery display applications. The range of Radiant LED spotlights mounted on the low profile track adapter with integral drivers provides a flexible and elegant solution.

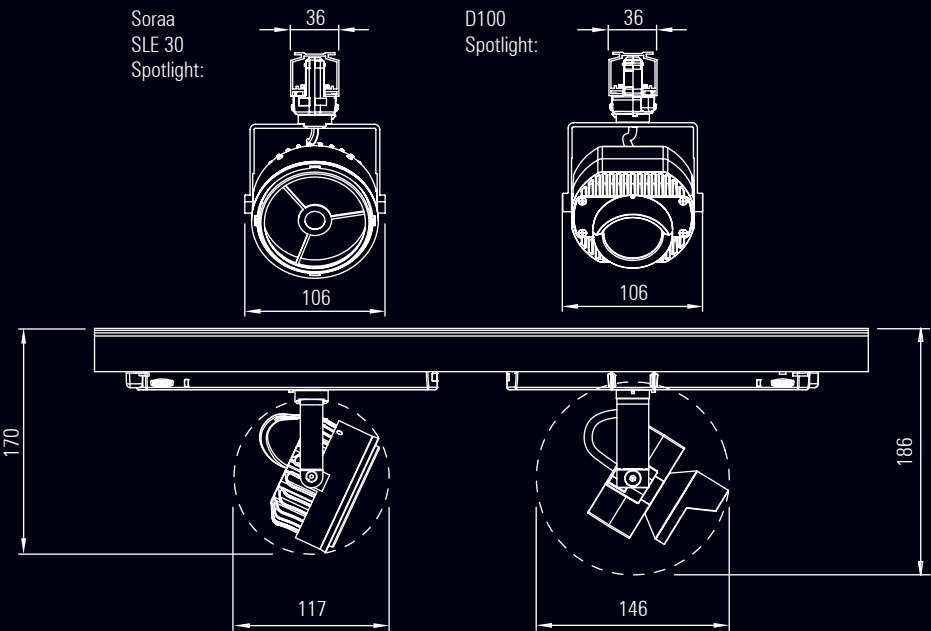
The Spotlight ranges available for the Global track includes the SLE 30 Spotlight with Soraa light engine and the D100 Spotlight with 10 Watt Citizen COB. A wide variety of optics and anti-glare accessories including honeycomb louvres can be incorporated in this range.



Global Track with MR16 holder



Global Track with D100 Spotlight



Global Track with Soraa SLE 30 Spotlight



## D100 IP20

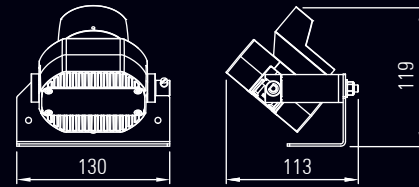
### LED spotlight range IP20

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 invisible as possible. There are integral and remote driver versions with one, two or three spotlights per luminaire. A wide variety of anti-glare, beam control and colour filter accessories are available. Fully lockable in both axes.

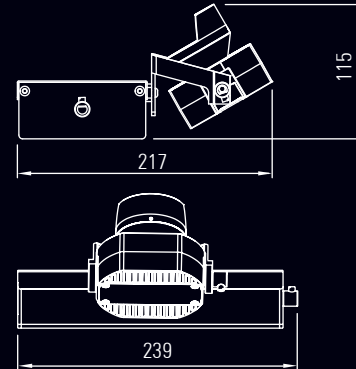
#### Lumens per spotlight

0 1000 2000 3000

Remote driver version:



Integral driver version:



Hereford Cathedral, UK. Lighting design by Light Perceptions

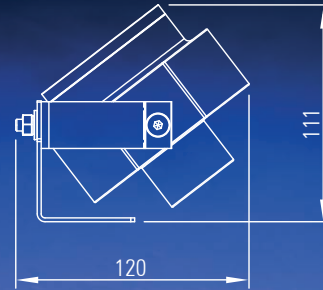




## D100 IP65

### LED spotlight range IP65

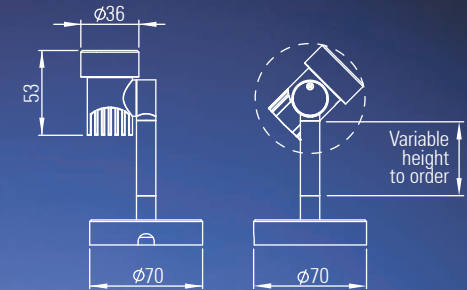
The D100 IP65 Spotlight range has been developed for use in architectural, landscape and garden lighting applications where powerful, highly controlled lighting effects are required from a low profile luminaire. Both integral LV DC to DC driver and remote AC to DC driver versions are available. The system is fully lockable in both axes. A wide variety of mounting options and glare control accessories are available for this system.



## Micro Spotlight IP65

### LED spotlight range IP65

The IP65 Micro Spotlight range has been developed for use in landscape and garden lighting applications where miniature, highly controlled lighting effects are required. Each spotlight has a 3.5 Watt LED light engine with an integral LV DC to DC driver. The spotlights are run from a remote 12 V DC power supply. A wide variety of mounting accessories and glare control accessories are available for this system.





# RAD 250 IP68

Buried uplights



Regent's Place, London, RIBA award winner  
Lighting design by MBLD, Architects Carmody Groarke



32 Watt 16 LED RAD 250 IP68 uplight



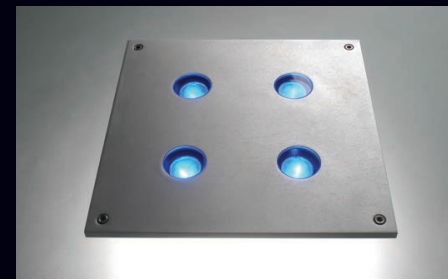
25 Watt single LED array RAD 150 IP68 uplight



Regent's Place detail



16 LED RGBW RAD 250 IP68 uplight



4 x 10 Watt RGBW uplight with colour mixing lenses

# RAD 250 IP68

## Submersible LED uplights

The Radiant range of square and rectangular IP68 rated LED buried uplights are designed for use in a wide variety of exterior architectural lighting applications.

The RAD 250 luminaire is based on the custom uplight designed in collaboration with MBLD and produced for the British Land project Osnaburgh Street Pavilion - Regent's Place.

The uplights are sealed to an IP68 rating to ensure long working life in applications where they may be submerged for extended periods of time.

The submersible version was developed for the spa pool at the Armani Hotel in Milan and has the same optical performance but is constructed from brass and stainless steel.

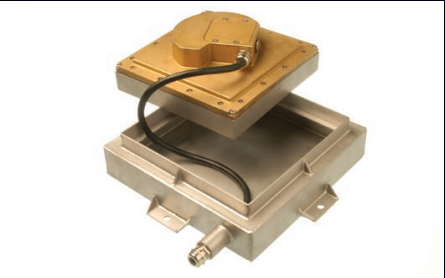
### Lumens per uplight



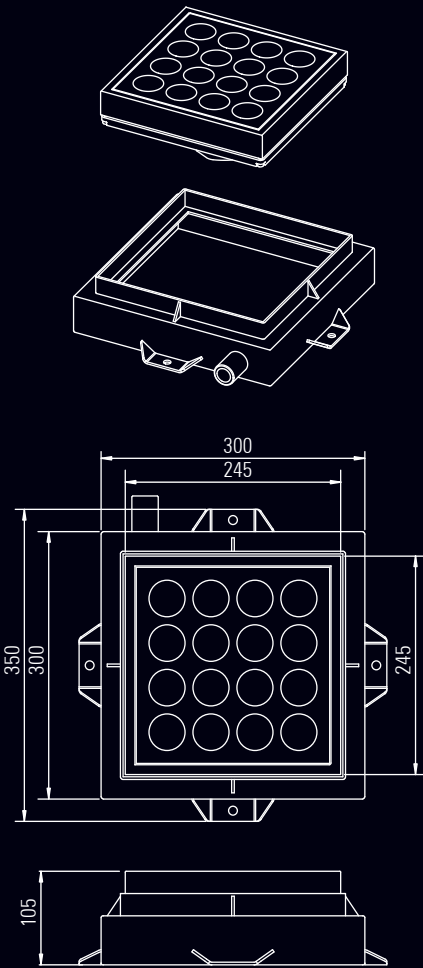
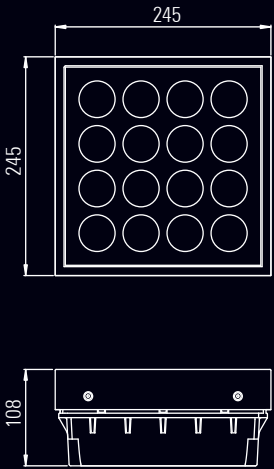
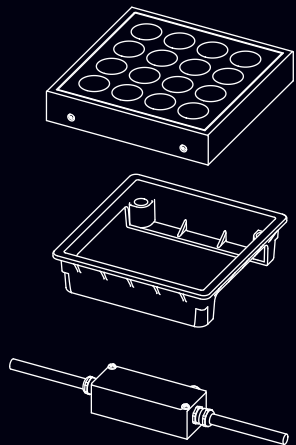
Armani Hotel swimming pool, Milan



RAD 250 submersible to 3 mtrs



RAD 250 submersible with niche





## Water Effect Lighting system

DMX controlled, dynamic LED  
effect light, IP20 and IP65

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

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

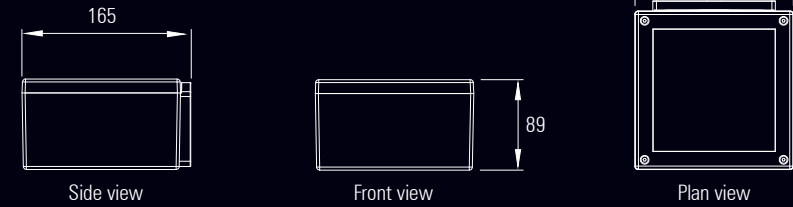
A wide range of LED colour temperatures and coloured LED options can be incorporated in this system. Combining multiple LEDs with different textured glass panels and a 4 channel DMX controller creates unique lighting effects which can be customized for each project.

Light output up to 1,500 lumens with all LEDs on full power.

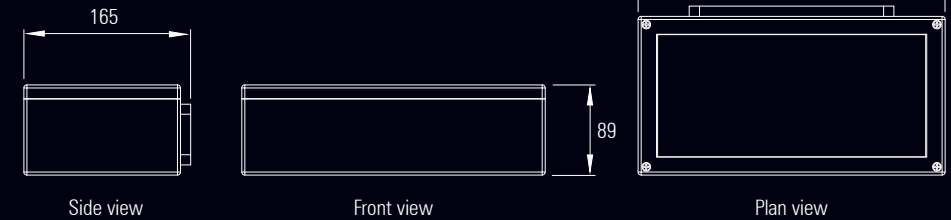
The system is available in IP20 and IP65 versions and the enclosures can be powder coated in any RAL finish.



Water Effect light 150:



Water Effect light 300:



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



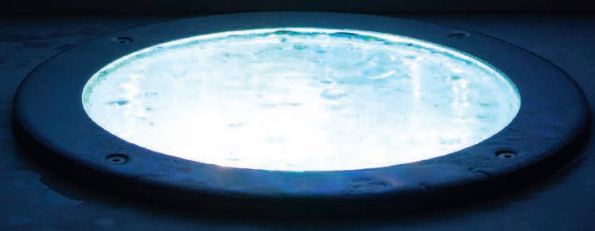
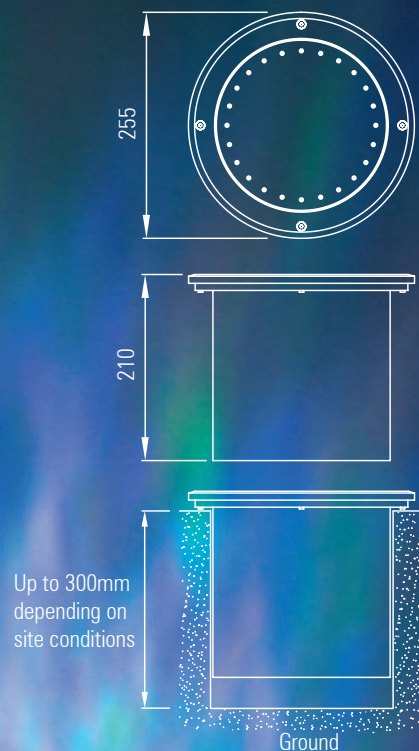
## Water Effect In-ground IP67

DMX controlled, dynamic LED  
effect luminaire

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 luminaire is durable with a walk over rated glass window, provides up to 2,500 lumens and since there are no moving parts, will provide a long working life.

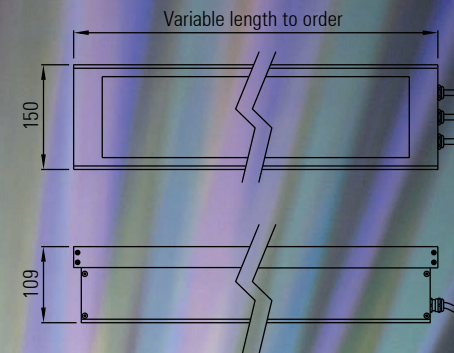


## Water Effect Linear

DMX controlled, dynamic LED  
effect light, IP20, IP66 and IP68

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.





# RAD Cube IP65

## RGBW LED wall light

The RAD Cube IP65 architectural wall light incorporates a single RGBW LED array and DMX driver controller.

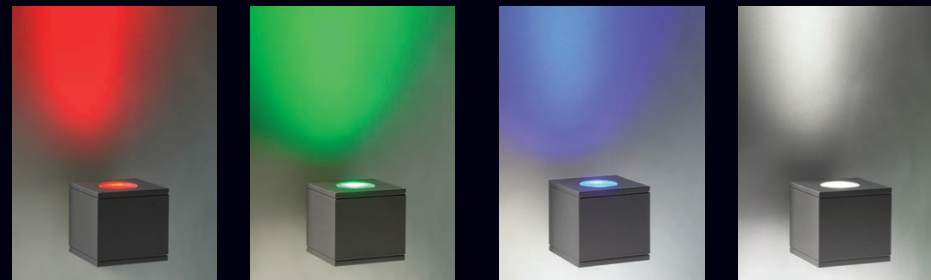
The colour-mixing lens works with the RGBW LED array to create a well blended colour output even with a small offset distance from the wall.

The LED and lens are angled at 15 degrees to push more light onto the mounting surface.

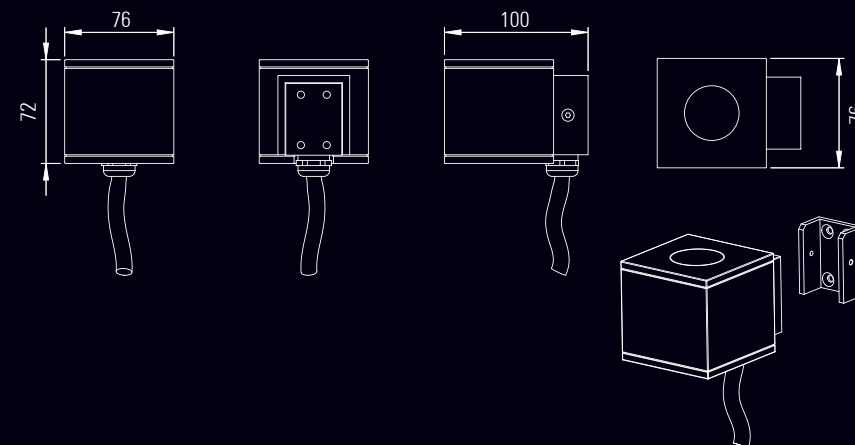
The RAD Cube can also be produced with a dynamic white LED array and DMX control.

The luminaires can be linked together in a chain with 5 core exterior grade cable and IP68 connectors for easy wiring.

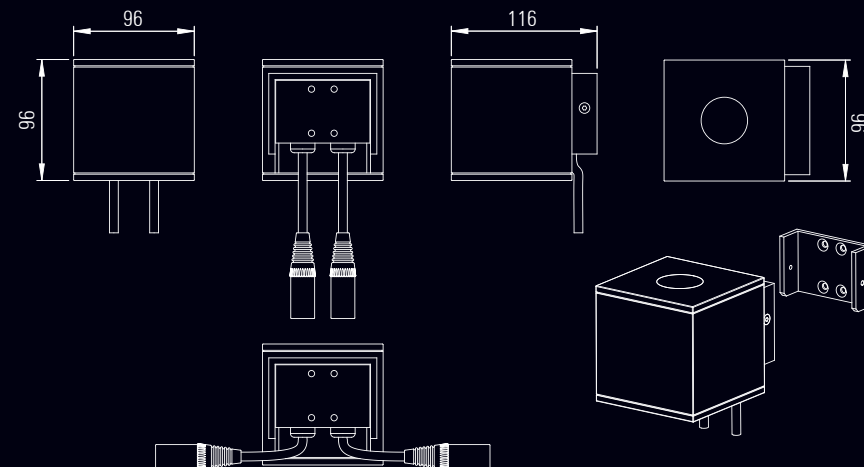
7 Watts produce approximately 500 lumens depending on LED configuration.



RAD Cube 75:



RAD Cube 95:



# RADIANT

ARCHITECTURAL LIGHTING

Radiant Architectural Lighting Limited  
10 Broadbent Close  
20 - 22 Highgate High Street  
London N6 5JW  
ENGLAND UK

TEL + 44 ( 0 ) 20 8348 9003  
FAX + 44 ( 0 ) 20 8348 6478

E MAIL [enquiries@radiantlights.co.uk](mailto:enquiries@radiantlights.co.uk)

WEB [www.radiantlights.co.uk](http://www.radiantlights.co.uk)



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