



Remote Controlled Lighting

TOTAL CONTROL. INFINITE POSSIBILITIES.

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Remote Controlled Lighting

Remote Controlled Lighting (RCL) exclusively specialises in the design, manufacture and supply of remote controlled architectural luminaires.

With over 20 years' experience and over 100,000 products installed worldwide, we're recognised across the globe by leading lighting designers, architects and end clients as the pioneers in remote controlled motorised lighting.

RCL is an industry leader with an in-house R&D team at our head office in London, a satellite office

in Hong Kong, and worldwide representation through our international partners. We are proud of our heritage in developing innovative patented technology, and our portfolio evolves constantly to meet the complex needs of clients whilst surpassing their expectations.

Our award-winning luminaires are particularly suited to ballrooms, museums, art galleries, hospitality and retail applications, where subjects and styles can change frequently but physical access to the lighting may be restricted.

RCL luminaires now offer our latest tuneable white and variable beam technology, providing users with truly adaptable lighting. RCL has used its years of experience and expertise to create RCL Control, our latest lighting control system which simplifies complex motorised lighting schemes into one easy-to-use system, capable of operating across multiple rooms and even multiple floors.

National Museum of Qatar



1398 DR7s

Designer
Licht Kunst Licht

Architect
Jean Nouvel

Location
Qatar

Embracing Innovation

We are proud of every product we design and every project we supply. The combination of our intuitive, innovative control systems and market leading technology with excellent service means that our customers turn to us time after time. Since 2001, RCL luminaires have been installed in over 1,000 luxury hotel ballrooms and countless museum, gallery and retail projects worldwide. This wealth of experience has given us an unmatched understanding of all facets of designing, manufacturing and controlling motorised architectural luminaires and a detailed knowledge of the specific requirements of the projects where they are specified.

FIVE YEAR WARRANTY

All of our luminaires are designed in-house, and we have complete confidence in their performance.

We use only the best materials and components to ensure durability and reliability, which is why we offer a five year warranty on all our luminaires as standard. Additional details are available on request.

CUSTOM PRODUCTS AVAILABLE

At RCL we find challenging projects exciting, and we will always try to provide a solution. By listening to lighting designers and architects over the years, we have been able to develop innovative solutions to overcome complex project requirements. Some of our custom projects have given rise to new products. Originally designed to fit within a high and narrow ceiling trough for a custom project specification, the DR8 became one of our most popular fixtures, offering a minute turning circle and ultimate flexibility.



Over 20 Years OF LIGHTING CONTROL

UPDATED
REMOTE

AWARD WINNING
IDIRECT
IPAD BASED LIGHTING
CONTROL SYSTEM

DEVELOPMENT
REMOTE

CURRENT
REMOTE

RCL
CONTROL

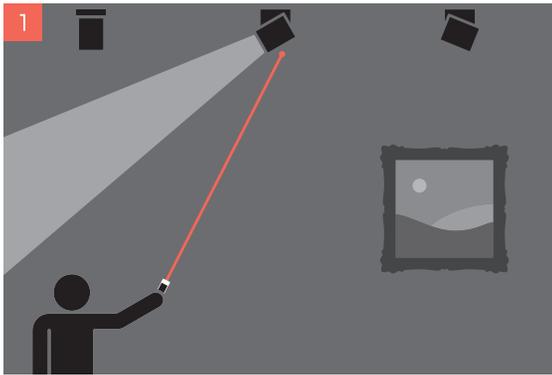
IPAD BASED LIGHTING
CONTROL SYSTEM



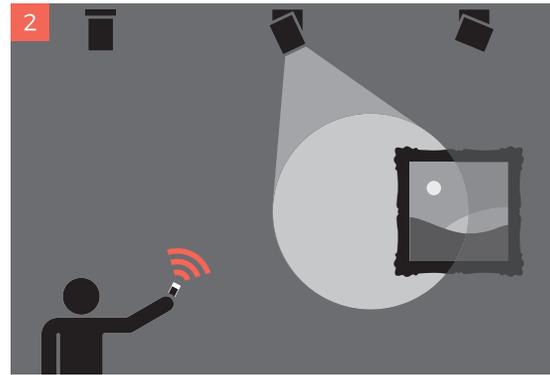
Complete Control

All of our luminaires are remotely controllable in motorised pan and tilt, dim level, and also colour temperature and beam angle if specified. There is no need for ladders, scaffolding or mechanical lifts, which can present health and safety risks and potentially damage interior features, displays and artworks.

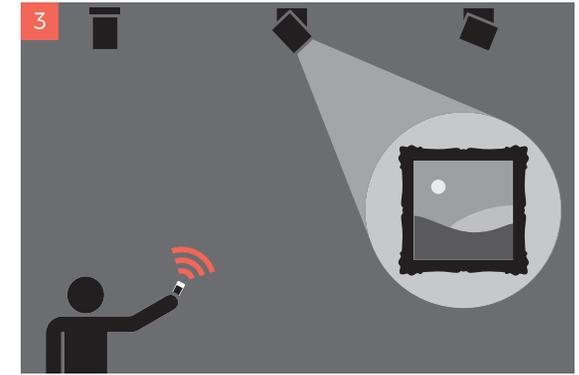
Our products have been designed to be compatible with global control systems DALI and DMX, along with our iPad-based control system RCL Control. Simple controls mean that anyone can adjust the lighting from floor-level with ease. The set-up time saved by using our luminaires means a much more efficient and cost-effective use of the space.



1. Select the RCL luminaire you wish to control with the RCL handheld remote's built in laser*.



2. Once the luminaire has been selected, colour temperature, beam width, dim level and beam positioning can be altered using the remote.



3. When the adjustments are complete, press the laser button to deselect the luminaire.

Select & Direct

Our patented 'Select & Direct' technology gives anyone the ability to adjust our lights in three easy steps using a remote control. Select & Direct is particularly popular with display, hospitality and retail environments where layout and content can change on a weekly, sometimes daily basis, and lights need altering individually.

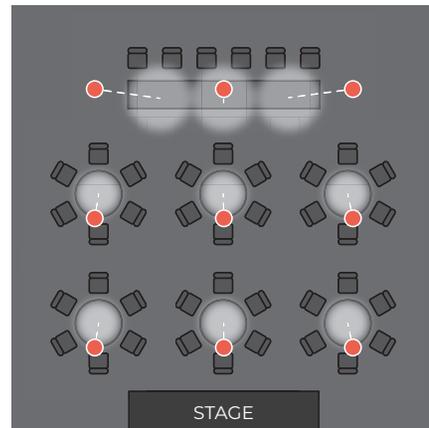


Scenes

All RCL luminaires are independently intelligent due to their inbuilt memory. Regardless of which control protocol is used, they are able to recall any pan and tilt position, colour temperature, beam width and dim level previously recorded via the remote or RCL Control app. A Scene is a group of pre-recorded position and light settings specifically designed to ensure that RCL luminaires can quickly and easily adapt to the multi-functional use of a space that they are installed in.

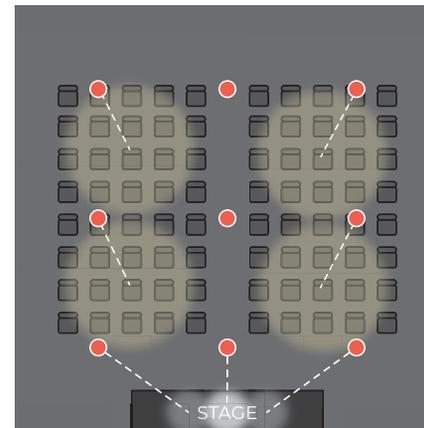
By pre-recording a number of Scenes to suit each purpose, users can reduce set up time and maximise the profitability of the space. For example, a hotel function room could regularly be used for wedding receptions, conferences and business meetings. The lighting arrangement may be very different for each setting and could traditionally take hours to adjust using ladders or scaffold towers. Scenes convert these hours into seconds at the touch of a button.

KEY:  = Light beam  = Luminaire  = Chair  = Table  = Dining Table



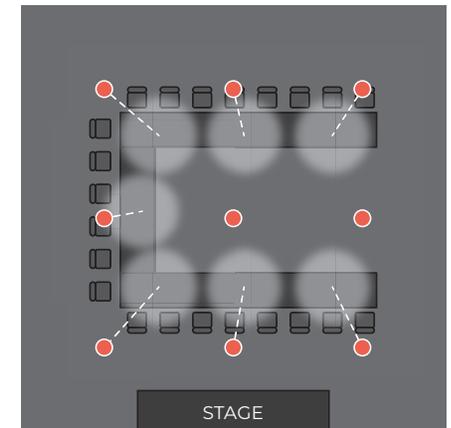
SCENE 1 WEDDING

Each table has been pin spotted to accentuate table top focal points, such as floral centrepieces. Three spots with wider beams have also been positioned to illuminate the top table and bring it into focus. Beam width adjustability and clever positioning avoids washing the guests' faces with light.



SCENE 2 CONFERENCE

Three luminaires are focused directly on centre stage whilst using different dim levels to illuminate and make the host the focal point of the stage space itself. Four of the remaining six luminaires are dimmed down and set to a warmer colour temperature to ensure all attention is focused on centre stage without leaving the attendees in darkness.



SCENE 3 MEETING ROOM

The horseshoe-shaped meeting table has been lit with a number of luminaires to provide uniform lighting for the worksurface. The light levels can be dimmed up and down as required.

Many RCL customers use Scenes to reduce setup time and to maximise the flexibility and efficiency of their space. The functionality that Scenes offers means the luminaires can adapt to their surroundings, ensuring that lighting is quickly and easily adjustable in seconds.

Up to 10 Scenes can be recorded using a Select & Direct remote, or up to 1000 if using RCL Control.

▶▶ RCL • CONTROL

iPAD CONTROL SYSTEM



IMPORT YOUR OWN LIGHTPLANS

EFFORTLESSLY ADD, LOCATE
& CONTROL LIGHTS

CREATE & RECALL UP TO 1000 LIGHTING SCENES

INSTANTLY SET UP AN
EVENT SPACE

CREATE & SAVE LIGHT GROUPS

CONTROL MULTIPLE
LIGHTS SIMULTANEOUSLY



COLOR
TEMPERATURE



BEAM
WIDTH

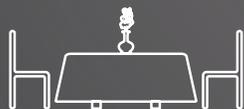


DIMMING
LEVEL



MOTORISED BEAM
POSITIONING

WIRELESSLY CONTROL HUNDREDS OF RCL LUMINAIRES



HOSPITALITY



MUSEUMS & GALLERIES



RETAIL



SHOWROOMS

PERFECT FOR ANYWHERE ADJUSTABILITY & CONTROL IS REQUIRED

iPad App

RCL has used its many years of experience and expertise to create RCL Control, our latest lighting control system which simplifies complex motorised lighting schemes into one easy-to-use system, capable of operating across multiple rooms and even multiple floors. RCL's latest luminaires feature the ability to manipulate beam width, colour temperature and motorised positioning, giving ultimate flexibility no matter the application.



RCL Control has been designed to reflect the real time nature of lighting control; the system uses a dynamic reconfiguring wireless mesh network, constantly self-optimising to maintain signal reliability. The Thread mesh network provides longer-range coverage with excellent scalability, but without compromising on latency, the reaction speed between command and action, meaning there is almost no limit to the size or shape of a project. RCL Control is highly resilient to any security threat as it does not require any internet services and uses the latest in wireless device security, along with a unique and secure authentication system.

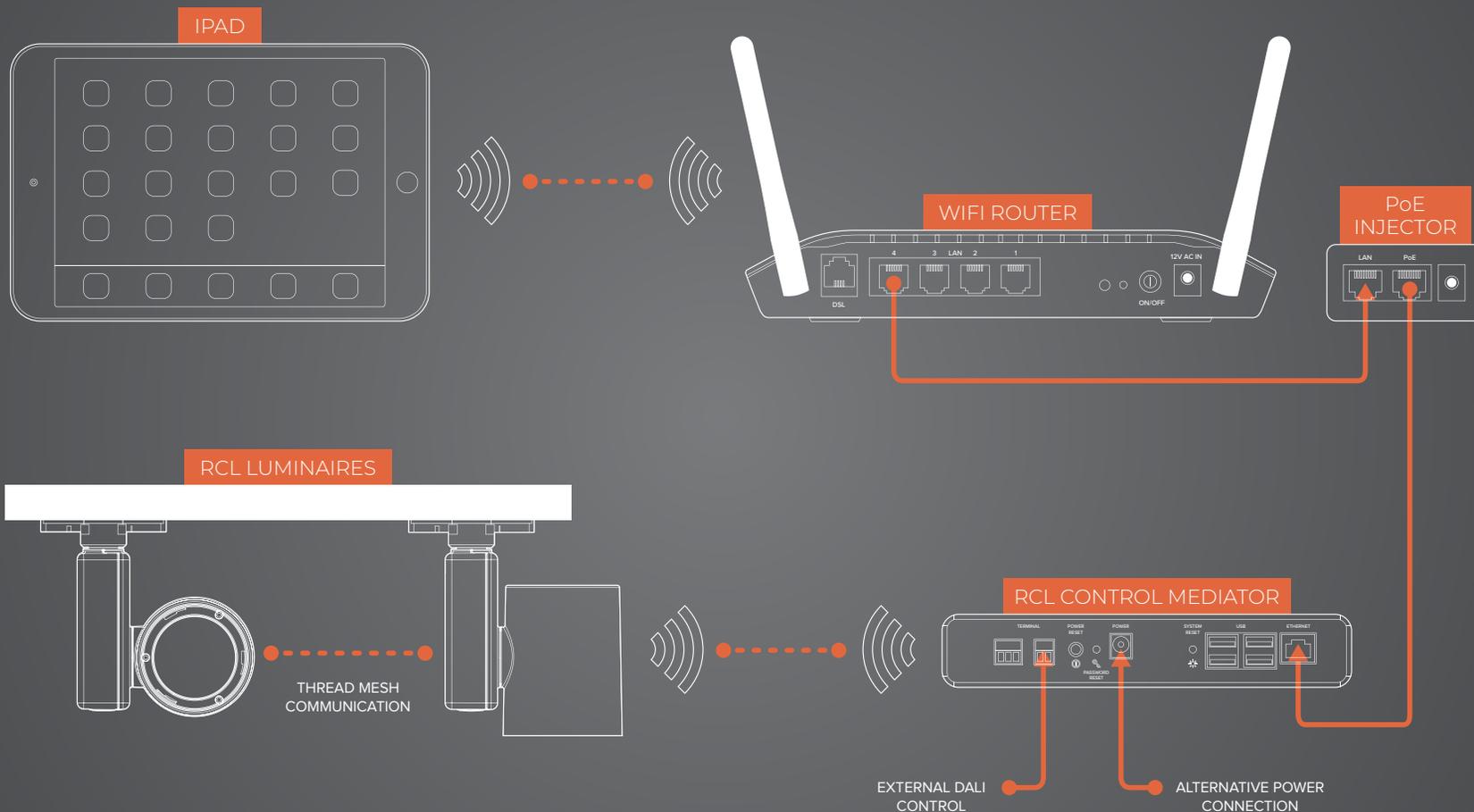
Users can easily organise and navigate complex lighting schemes thanks to the intuitive user interface. Live on-screen feedback ensures that luminaire adjustment is simple, intuitive and responsive. Perfect for large scale applications, RCL Control allows the user to create 'Zones', 'Light Plans', Groups and Scenes (pre-saved light settings) to organise hundreds of luminaires across multiple rooms and floors. This tiered set-up allows users to easily navigate complex lighting schemes and control individual or multiple luminaires at once.

Controlling and manipulating light has never been so easy. Users position their luminaires directly onto Light Plans for quick and easy selection and adjustability, putting complete control into their hands. RCL Control allows users to import professional lighting schematics, or even take photos of room layouts instantly with the iPad camera,

offering simple and highly versatile commissioning of lighting schemes.

RCL Control offers multiple levels of control, ranging from group fixture manipulation to fine-tuning individual luminaires. Motorised pan and tilt positioning can be controlled either together through the joystick interface for rapid positioning, or individually via the precision control dials, allowing adjustments in minute increments for incredible accuracy. Along with high resolution positioning, RCL Control provides user-friendly beam manipulation of colour temperature and beam width, delivering truly customisable lighting at the user's fingertips.

RCL Control has the ability to integrate into existing DALI control systems, transmitting external commands from the master building control system, and allowing saved Scenes, inclusive of motorised positioning and full beam manipulation, to be configured for and recalled by DALI Scene panels, providing yet another level of control and flexibility.



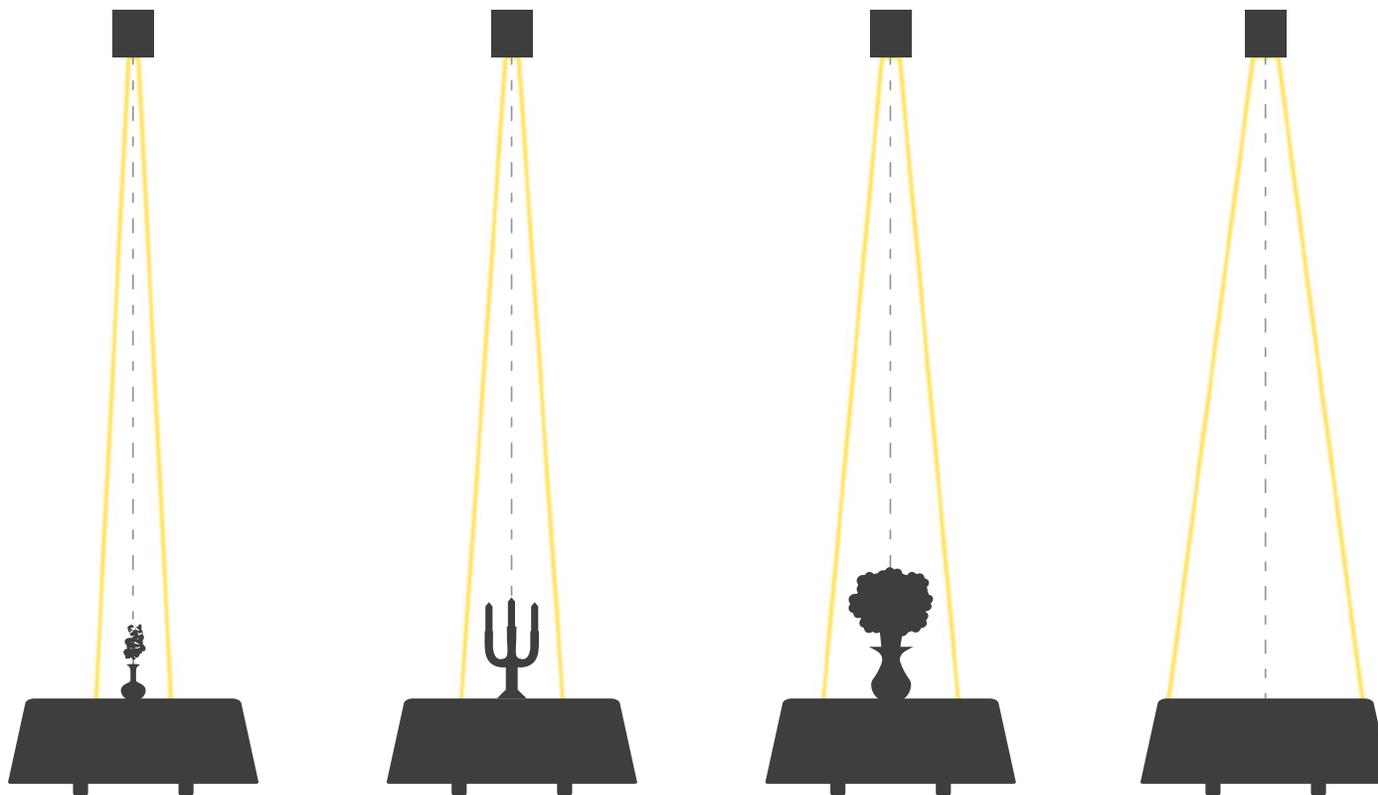
Please Note: The above diagram is for illustration purposes only and should not be referred to as a technical drawing.

RCL Innovative Technology

Architectural lighting is a fast-moving industry that combines innovative design with cutting-edge technology. With over 20 years' experience and over 100,000 fixtures installed worldwide, RCL is the pioneer of remote controlled motorised architectural spotlights, producing luminaires that are efficient, intelligent and reliable. Our passionate product designers and engineers are constantly striving to bring cutting-edge lighting technologies to our ever-evolving product portfolio.*

Ever-changing spaces require flexible lighting. Variable Pinspot technology is available for our DRX1 and DRX5 luminaires and is designed specifically for lighting ballroom dining tables and other event spaces where remote adjustment from ultra-narrow to medium beam widths is required whilst maintaining a consistent average lux level.

VARIABLE PINSPOT TECHNOLOGY



FROM NARROW PINSPOT TO FULL TABLE ILLUMINATION

LENSVECTOR™

VARIABLE BEAM TECHNOLOGY

If our Variable Pinspot luminaires don't have the range of beam adjustment that you require, our full DRX range is now available with LensVector® technology, ideal for use in hospitality, museum, gallery and retail applications. The beam passes through a highly efficient TIR optic into the LensVector liquid crystal beam-shaping filter, which allows full adjustment from the narrow to wide beam widths. LensVector can also be combined with our tunable white light engine for ultimate flexibility.





WARM - 2200K

COOLER - 4000K

RCL Innovative Technology

The specified warmth of light is critical to any project; it affects how objects are perceived within the room's atmosphere. Our R&D team have combined our dim-to-dark technology with our new tunable white light engine so that the colour temperature and brightness level of our luminaires can be manipulated easily, giving you complete control over a lighting scheme.

Using the remote control or RCL Control, colour temperature can be adjusted from warm 2200K through to cool 4000K, placing dynamic lighting directly into the user's hands.

Madame de Pompadour in the Frame, 23 May – 27 October 2019

Waddesdon: A Rothschild House & Gardens

© Photo: Waddesdon Image Library, Mike Fear



The portrait owned by Baron Ferdinand was not the only Boucher of Madame de Pompadour in Rothschild hands. This small oil sketch, also in the collections at Waddesdon, is another, which belonged to Ferdinand's cousins Baron and Baroness Edmonds, from the French branch of the family. Baroness Edmonds was given it by her mother, Baroness Wilhelmina Carl. Between them, the Rothschilds owned most of the major portraits of Madame de Pompadour at different times, an indication of their well-established interest in the arts of 18th-century France.

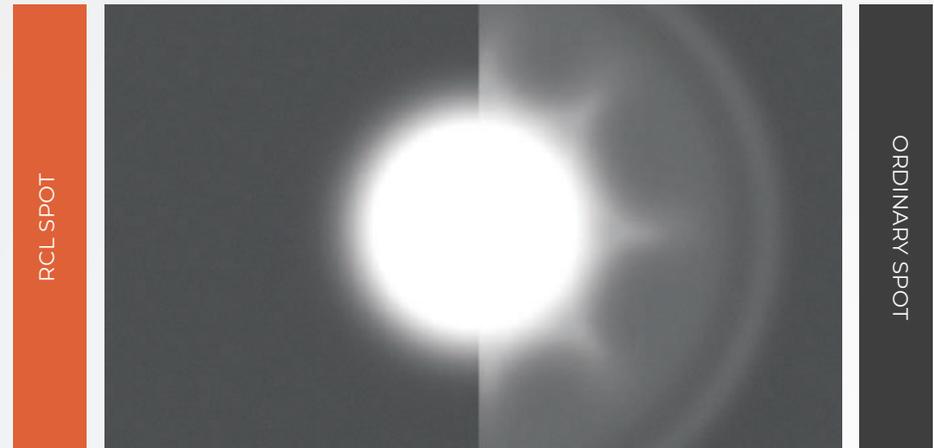
The sketch was made around 1750 in preparation for another of Boucher's portraits of Madame de Pompadour, now lost. She is shown preparing to go out, with her hat in one hand and one of her spaniels waiting expectantly. She has picked up a bracelet from the dressing table with a portrait of Louis XV, familiar from other portraits and a reminder of her special status. Books and music lie at her feet.

Precise Beam Performance

Our London-based R&D team excel in creating beautifully engineered luminaires to accurately project light from high spaces. The efficacy of our optics combined with the highest quality LED chips allow us to produce flawless beams which set us apart from our rivals.

COLOUR UNIFORMITY

At RCL we understand the importance of colour consistency across the beam. Sourcing and combining only the highest quality components for our light engines and utilising our in-house photometric testing lab, we ensure that our LEDs have excellent colour over angle and use top-of-the-range TIR optics with fantastic colour mixing properties to produce beautiful beams that are homogeneous in colour.



INTENSITY

We engineer the light engines of our luminaires with peak intensity at the forefront of design, producing beams with high lux on target that are bright, powerful and efficient.

SHAPE

Shape also has an important role to play with beam quality. Good beams will be perfectly circular with minimal distracting striations or halos.



HIGH CRI



COLOUR CONSISTENCY & COLOUR RENDERING INDEX (CRI)

We carefully select LEDs to ensure colour consistency across our entire product range.

Our 2700K and 3000K options deliver a minimum of 90+ CRI. These colour temperatures are suited to colour-critical applications such as art galleries, museums and retail environments, as they accurately reflect the depth of colour in the artwork, artefact or product being lit.

The paintings were chosen to illustrate low CRI due to their use of red, green, blue and yellow; these are the colours that tend to be the most difficult to render using artificial light. Notice how some of the key colours in the paintings look significantly different under a light source with low CRI.

Our newest COB 4000K LED's deliver a minimum of 90+ CRI, proven to be particularly popular with jewellers and car showrooms as they give a sharper blue tone, so that cars shine beautifully and diamonds sparkle.

LOW CRI



Mounting Options

We always recommend talking to one of our Technical Sales Advisors to ensure you choose the correct luminaires and mounting options for your installation. There are many different configurations available, and suitability will vary depending on project requirements and global location.



RECESSED

The most discreet mounting option available for a completely seamless finish.

THINGS TO CHECK PRIOR TO INSTALLATION:

- + Distance above and around the mounting point
- + Distance between each mounting point
- + Ceiling thickness



TRACK

A flexible lighting scheme that can easily be configured with additional luminaires after first-fit.

THINGS TO CHECK PRIOR TO INSTALLATION:

- + Track type – we use 3-circuit Eutrac as standard
- + Other tracks may need alternative track adaptors



MONOPOINT

An elegant solution that can be installed directly into the ceiling for a clean aesthetic. U.S. Certified options are available.

THINGS TO CHECK PRIOR TO INSTALLATION:

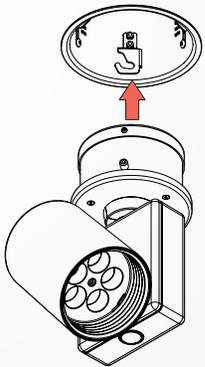
- + Distance above and around the mounting point
- + Distance between each mounting point
- + Ceiling thickness

Easy to Install with PopTwist

RCL's recessed and monopoint luminaires have a unique 'PopTwist' system which allows installers to pop and twist the luminaire in and out of the mounting ring in just a few seconds, reducing installation time by hours, if not days, for large scale projects.

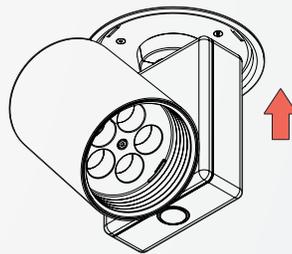
To take the luminaire out of the mounting ring, simply reverse all of the steps below.
No tools. No time. No fuss.

1



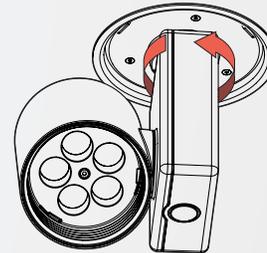
Once the mounting ring is securely in place, hold the luminaire underneath it with the stud aligned to the hook on the mounting ring.

2



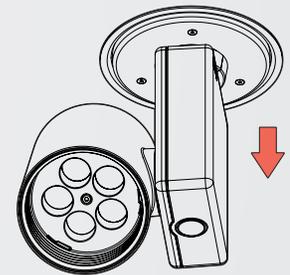
Pop the luminaire into the mounting ring, and push up gently until you feel some resistance.

3



Twist the luminaire clockwise until it stops.

4



Pull down to lock into place.

Product Portfolio

At RCL we only use the highest quality materials and components to ensure that our products are reliable, efficient and easy to use.

Our product portfolio is continuously evolving to keep up with the latest technological advances and user requirements. Our control technology is featured across our complete range of luminaires, to suit any specification.



TRACK & MONOPOINT LUMINAIRES



DRX1

DRX2

DR8

All of these luminaires are available in 3-Circuit/2-Circuit/1-Circuit track and monopoint mounting options.

RECESSED LUMINAIRES



DRX5

DR7

Available in standard bezel or trimless options, our recessed luminaires are subtle and unobtrusive.

*Please see page 20 of this brochure for installation methods.

NEW DRX2

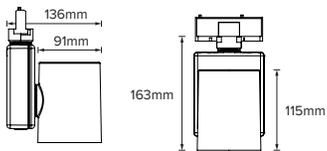
COMING LATE 2022

- + TRACK & MONOPOINT LUMINAIRE
- + OVER 4200LM

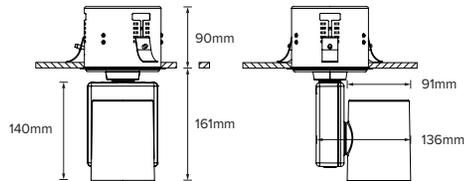
DRX1 Track & Monopoint

DRX1 is a lightweight and powerful remote-controlled motorised spotlight. Its compact design and tiny footprint offer a solution for restricted spaces without compromising on output and quality. DRX1 provides a minimalist aesthetic and small luminaire body, with the 115mm long fixture head measuring just 100mm in diameter, while delivering up to 1430 lumens from a wide selection of light engine and beam control options including Variable Pinpoint, LensVector and Tunable White technology. For more colour critical applications, all beam widths for DRX1 have a custom option of 98 CRI, and an 80 CRI 2200K light engine is also available.

TRACK



MONOPOINT



BEAM WIDTHS

4°, 6°, 8°, 10°, 17°, 22°, 34°, LensVector 6°-53°,
LensVector 10-53°, Variable Pinpoint 8°-16°

PEAK INTENSITY RANGE

3739 CD - 56646 CD

LED CONFIGURATION OPTIONS

Single Source and Multi-Source

LUMEN PACKAGE RANGE

540lm - 1430lm

COLOUR TEMPERATURE

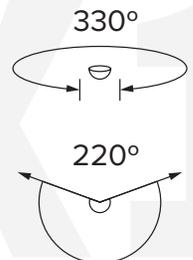
2700K, 3000K, 4000K

CUT OUT DIAMETER (MONOPOINT)

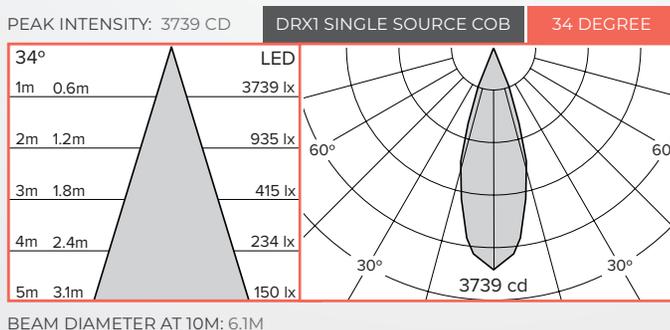
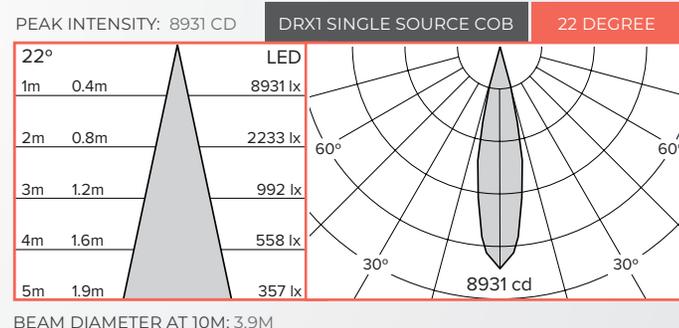
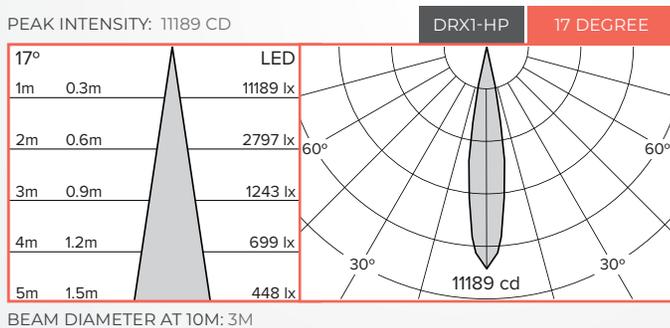
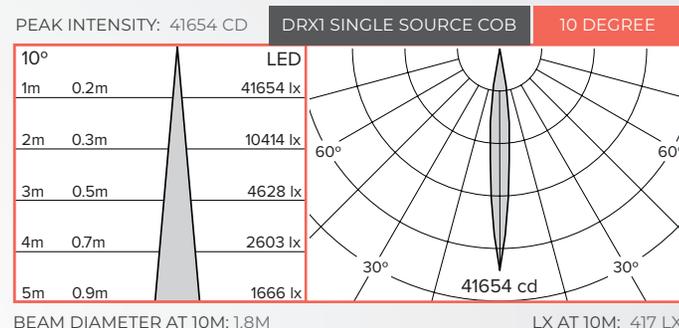
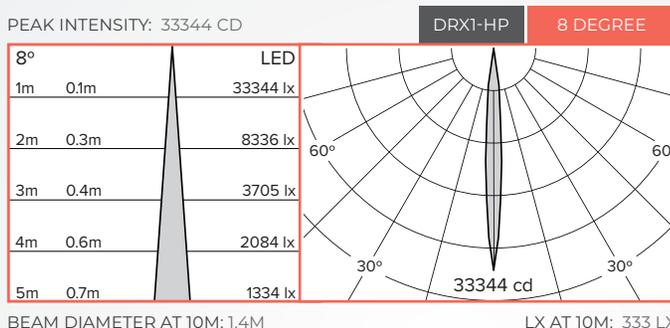
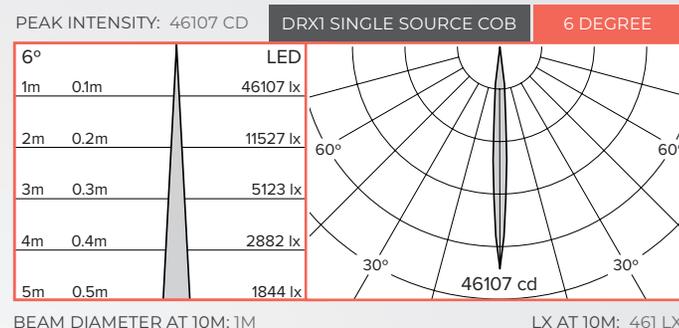
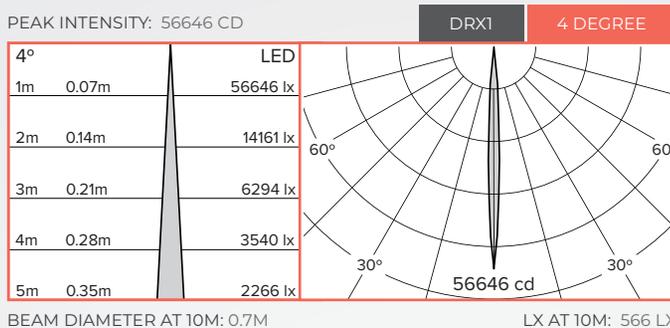
115mm

CEILING CLEARANCE (MONOPOINT)

200mm



Beam Options

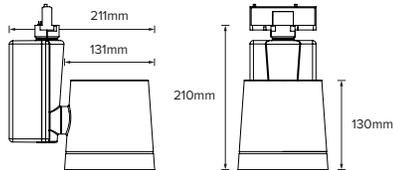


SEE PAGE 59
FOR TUNABLE WHITE & VARIABLE
BEAM PHOTOMETRY

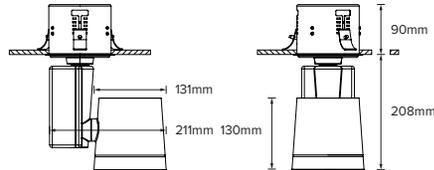
DRX2 Track & Monopoint

A blend of clean, simple form and high output functionality, DRX2 is the newest addition to RCL's product portfolio. Outputting over 4200lm, DRX2 is RCL's most powerful luminaire to date, making it perfect for applications with very high ceilings. DRX2 uses passive cooling concealed within a minimal and unobtrusive aesthetic to maximise lumen output, delivering excellent performance while blending neatly into its surroundings. For more colour critical applications, all beam widths for DRX2 have a custom option of 98 CRI, and an 80 CRI 2200K light engine is also available.

TRACK



MONOPOINT



BEAM WIDTHS

7°, 10°, 17°, 28°

PEAK INTENSITY RANGE

11083 CD - 81521 CD

LED CONFIGURATION OPTIONS

Single Source

LUMEN PACKAGE RANGE

1822lm - 4235lm

COLOUR TEMPERATURE

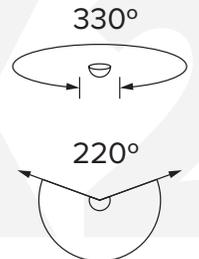
2700K, 3000K, 4000K

CUT OUT DIAMETER (MONOPOINT)

115mm

CEILING CLEARANCE (MONOPOINT)

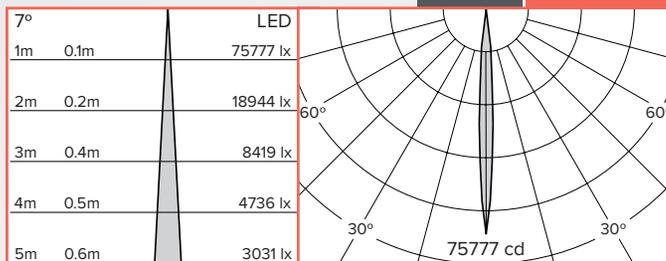
200mm



Beam Options*

PEAK INTENSITY: 75777 CD

DRX2 7 DEGREE

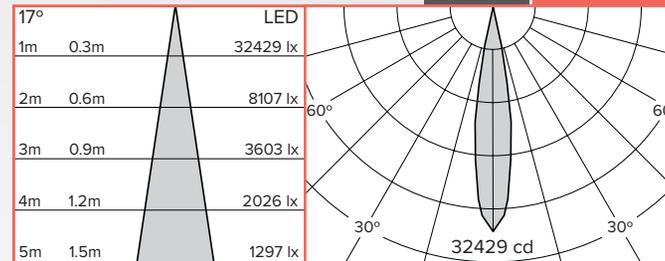


BEAM DIAMETER AT 10M: 1.2M

LX AT 10M: 750 LX

PEAK INTENSITY: 32429 CD

DRX2 17 DEGREE

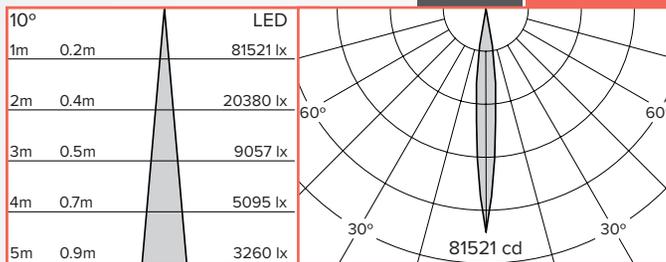


BEAM DIAMETER AT 10M: 3M

LX AT 10M: 320 LX

PEAK INTENSITY: 81521 CD

DRX2 10 DEGREE

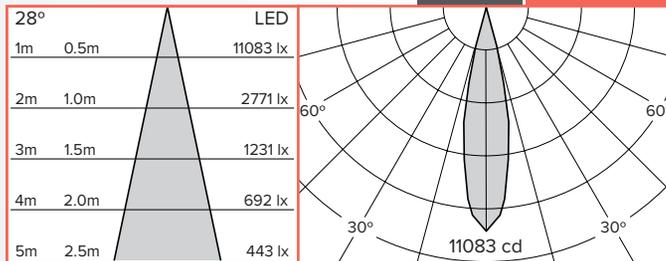


BEAM DIAMETER AT 10M: 1.8M

LX AT 10M: 810 LX

PEAK INTENSITY: 11083 CD

DRX2 28 DEGREE



BEAM DIAMETER AT 10M: 5M

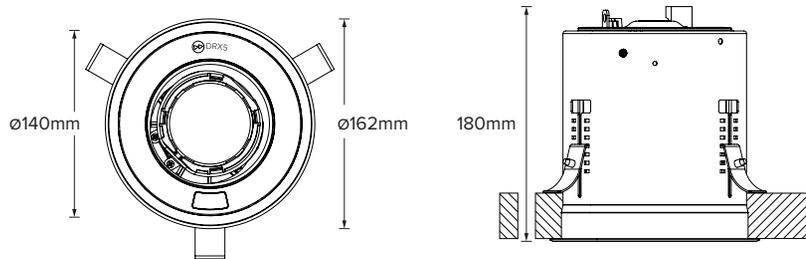
LX AT 10M: 110 LX

PLEASE ENQUIRE FOR **LENSVECTOR** PHOTOMETRY

*2700K/3000K PHOTOMETRY PROVIDED, PLEASE ENQUIRE FOR 4000K.

DRX5 Recessed

DRX5 is a compact recessed luminaire that masters the art of pin spotting and accent lighting while combining excellent beam quality with all the benefits of RCL technology. Measuring just 145mm in diameter, DRX5 is RCL's smallest recessed product and is suitable for use in low ceiling voids, making it the perfect solution for applications with tight space constraints. DRX5 offers a wide selection of light engine and beam control options including Variable Pinpoint, LensVector and Tunable White technology. For more colour critical applications, all beam widths for DRX5 have a custom option of 98 CRI, and an 80 CRI 2200K light engine is also available.



BEAM WIDTHS

4°, 6°, 10°, 22°, 34°, Variable Pinpoint: 8°-16°,
LensVector 6°-53°, LensVector 10°-53°

PEAK INTENSITY RANGE

3739 CD - 56646 CD

LED CONFIGURATION OPTIONS

Single Source and Multi-Source

LUMEN PACKAGE RANGE

540lm - 1430lm

COLOUR TEMPERATURE

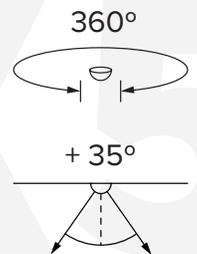
2700K, 3000K, 4000K

CUT OUT DIAMETER

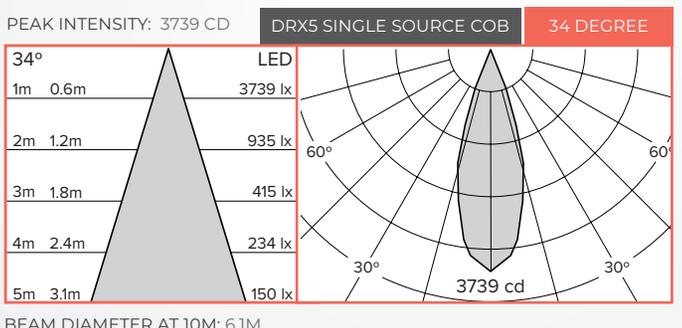
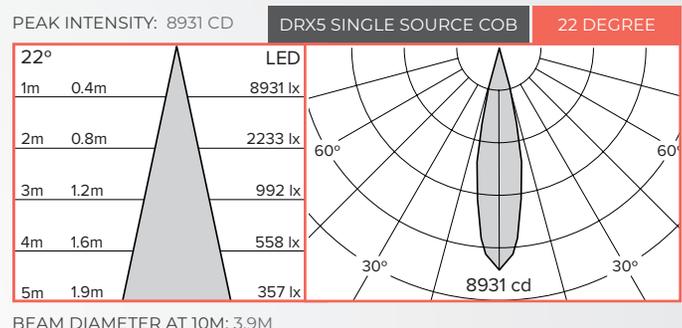
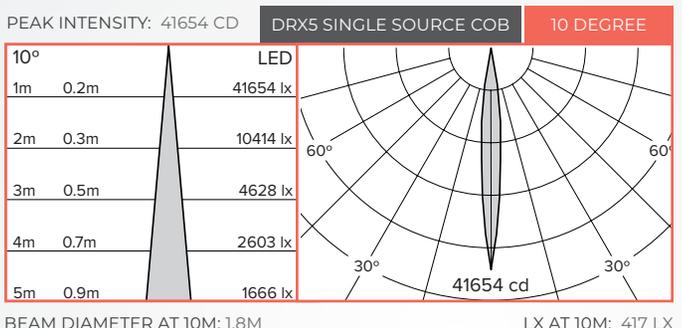
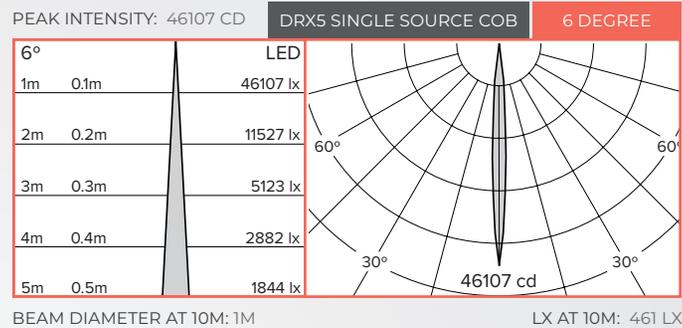
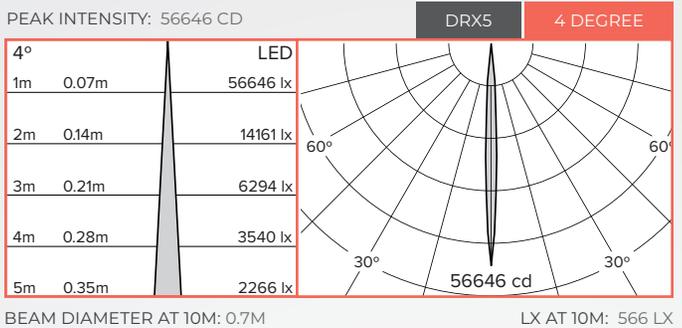
145mm

CEILING CLEARANCE

200mm



Beam Options



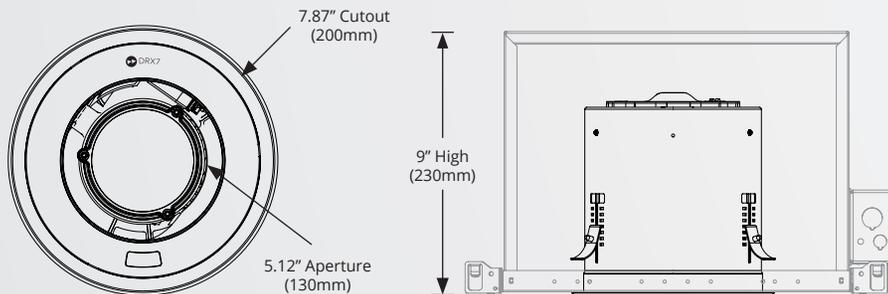
SEE PAGE 60
FOR TUNABLE WHITE & VARIABLE
BEAM PHOTOMETRY

Introducing the New DRX7

DRX7 is the latest motorised recessed luminaire from RCL. It is a reimagining of our highest selling product the DR7, with up to double the power and brought up to date with the latest in LED and wireless technology.

The DRX7 utilises a version of the high power single source light engine from the DRX2 and is available with a range of fixed beam optics from 6 to 34 degrees along with LensVector beam shaping control. This 4" light engine outputs up to double that of the DRX5.

As with all RCL products it is compatible with a whole host of control protocols including DMX, DALI, 0-10V along with wireless controls such as RCL Control and the RCL handheld remote. In addition to this we have integrated 3rd party wireless protocols such as Casambi and Xicato for specific projects. In developing the DRX7 we leveraged advanced thermal modelling to ensure our most powerful recessed light could handle even the most challenging of environments. This is backed up by on-board thermal feedback to give the piece of mind that our products will achieve best in class LM-80.



CONTACT YOUR LOCAL REMOTE CONTROLLED LIGHTING OR LUMINII REPRESENTATIVE FOR MORE INFORMATION

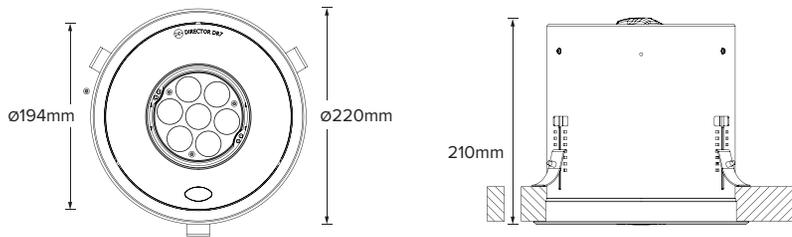
Product Features

As a successor to our highest selling product the DR7, we have developed the DRX7 to be retrofittable. It utilises the same mounting hardware as the DR7, so even if you have existing plastered in DR7s on a project these can be removed and replaced requiring no modification to the ceiling.



DR7 Recessed

DR7 is a multi-directional recessed luminaire that sits flush with the ceiling for truly clean lines and great versatility. It's proven to be very popular with architects and lighting designers since its introduction and has been re-engineered to produce a High Power (HP) version for an even brighter and more powerful beam.



BEAM WIDTHS

6°, 8°, 10°, 17°, 24°

PEAK INTENSITY RANGE

6194 CD - 62615 CD

LED CONFIGURATION OPTIONS

Multi-Source

LUMEN PACKAGE RANGE

1100lm - 2056lm

COLOUR TEMPERATURE

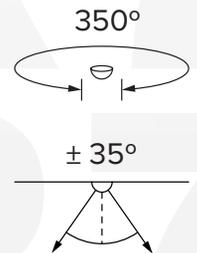
2700K, 3000K, 4000K

CUT OUT DIAMETER

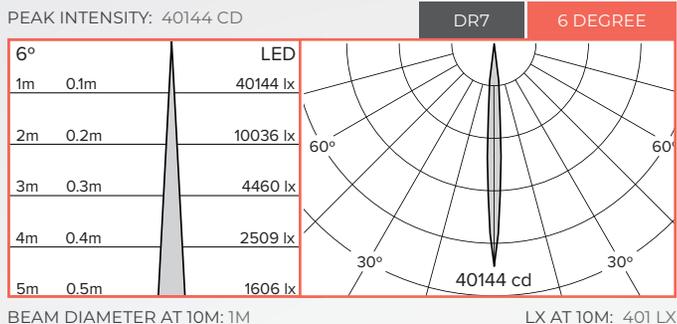
195mm

CEILING CLEARANCE

250mm

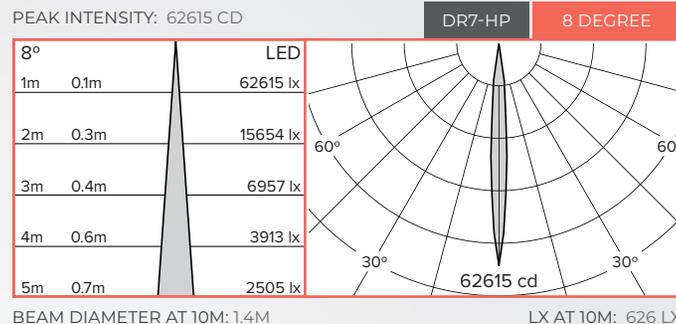


Beam Options



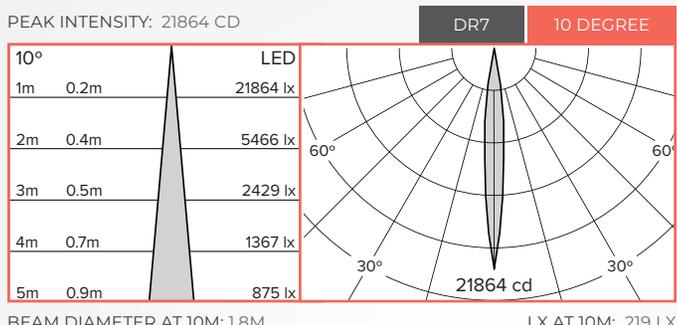
BEAM DIAMETER AT 10M: 1M

LX AT 10M: 401 LX



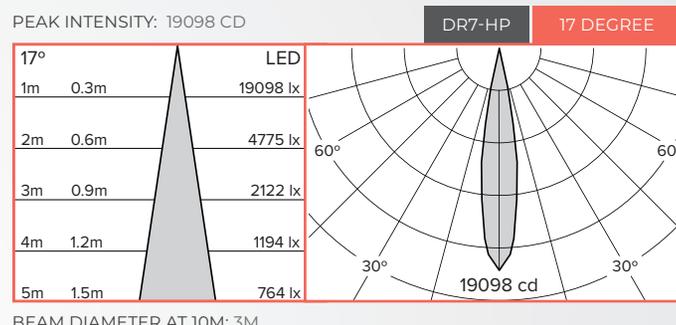
BEAM DIAMETER AT 10M: 1.4M

LX AT 10M: 626 LX

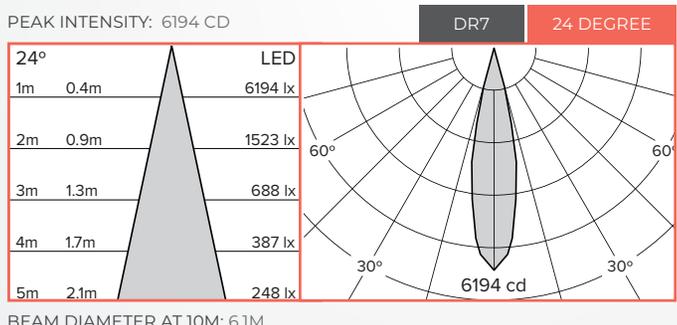


BEAM DIAMETER AT 10M: 1.8M

LX AT 10M: 219 LX



BEAM DIAMETER AT 10M: 3M

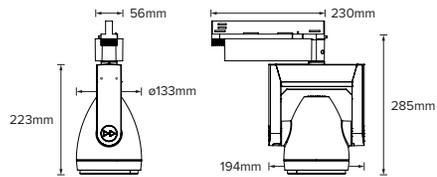


BEAM DIAMETER AT 10M: 6.1M

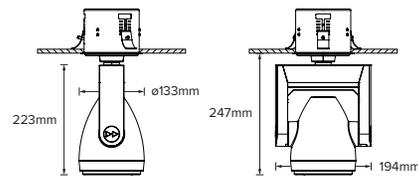
DR8 Track & Monopoint

Initially developed as a bespoke product for Christie's auction house, the DR8 spotlight has been refined over the years to offer a number of variants in a compact footprint. Specifically designed to disappear into ceiling troughs, DR8 has a tight turning circle of 200mm with $\pm 165^\circ$ pan and $\pm 90^\circ$ movement through the tilt axis, allowing the user to easily navigate in narrow spaces.

TRACK



MONOPOINT



BEAM WIDTHS

6°, 8°, 10°, 17°, 24°

COLOUR TEMPERATURE

2700K, 3000K, 4000K

PEAK INTENSITY RANGE

6276 CD - 62615 CD

CUT OUT DIAMETER (MONOPOINT)

115mm

LED CONFIGURATION OPTIONS

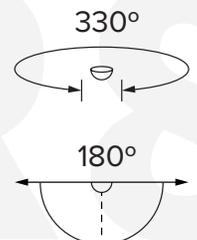
Multi-Source

CEILING CLEARANCE (MONOPOINT)

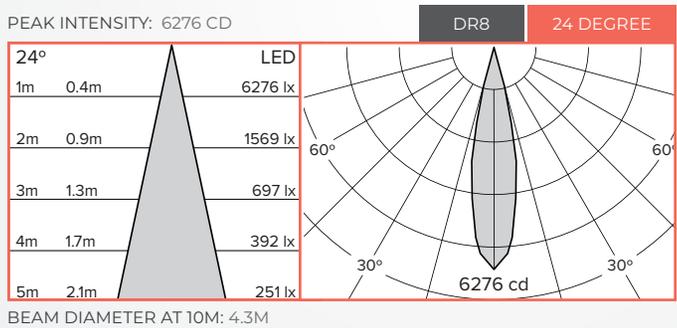
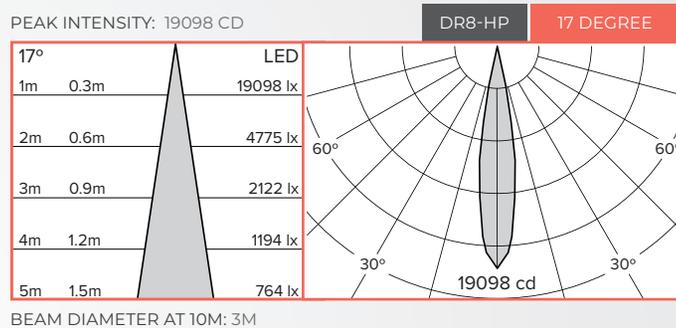
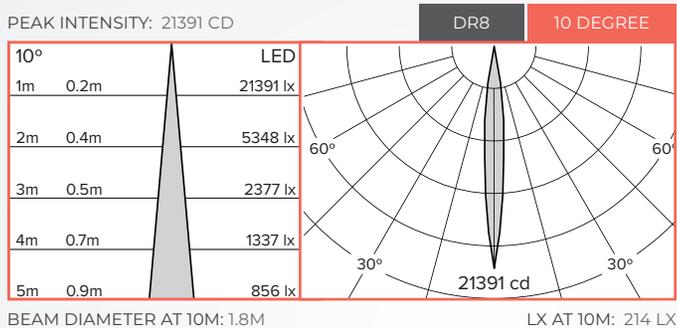
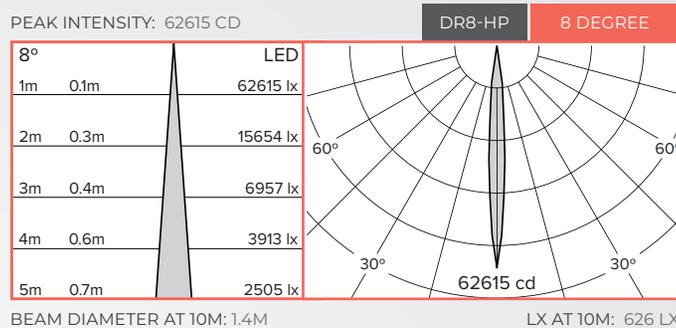
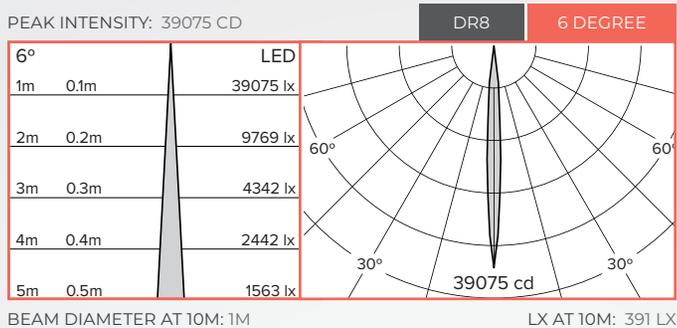
200mm

LUMEN PACKAGE RANGE

1100lm - 2090lm

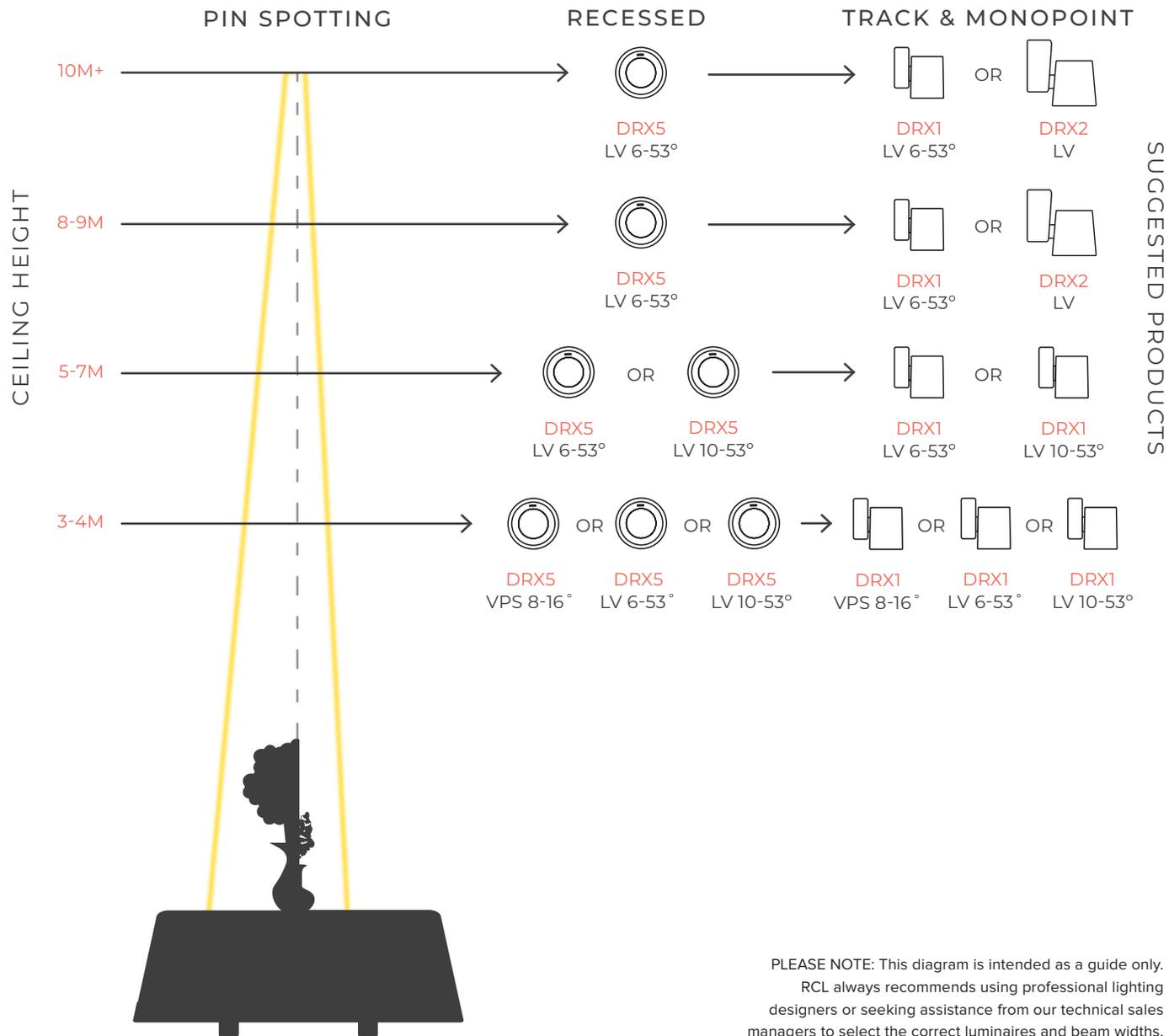


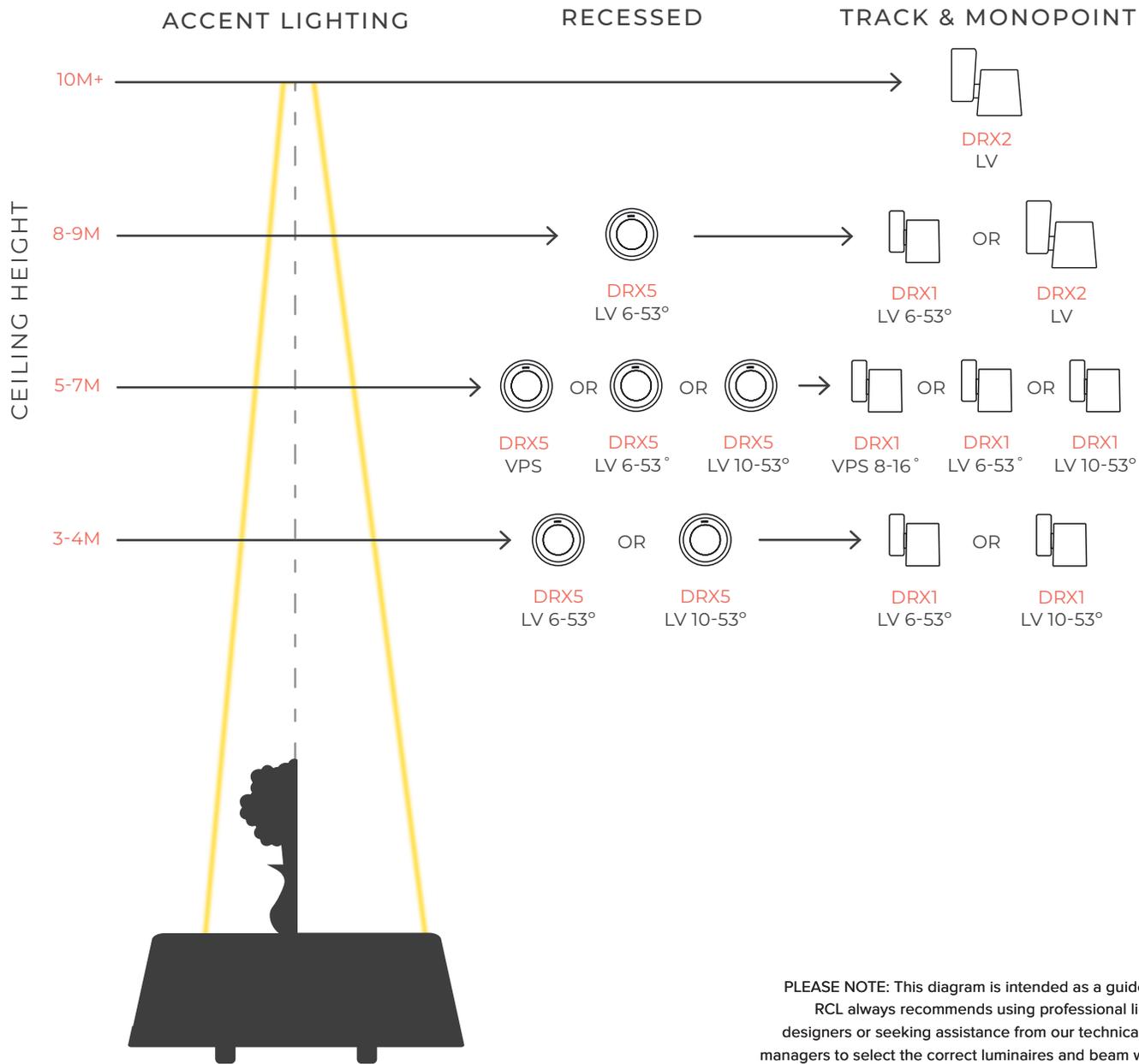
Beam Options



Variable Beam Technology

RCL offers two variable beam options for the DRX range: Variable Pinspot (VPS) and LensVector® (LV). Variable Pinspot is designed specifically for lighting ballroom dining tables and other event spaces where remote adjustment from ultra-narrow to medium beam widths is required. It is the more economical of the two and is better suited to lower ceilings and light levels. LensVector® is ideal for use in hospitality, museum, gallery and retail applications. It offers a wider beam range and higher lumen outputs than Variable Pinspot and can also be combined with our tunable white light engine for ultimate flexibility.

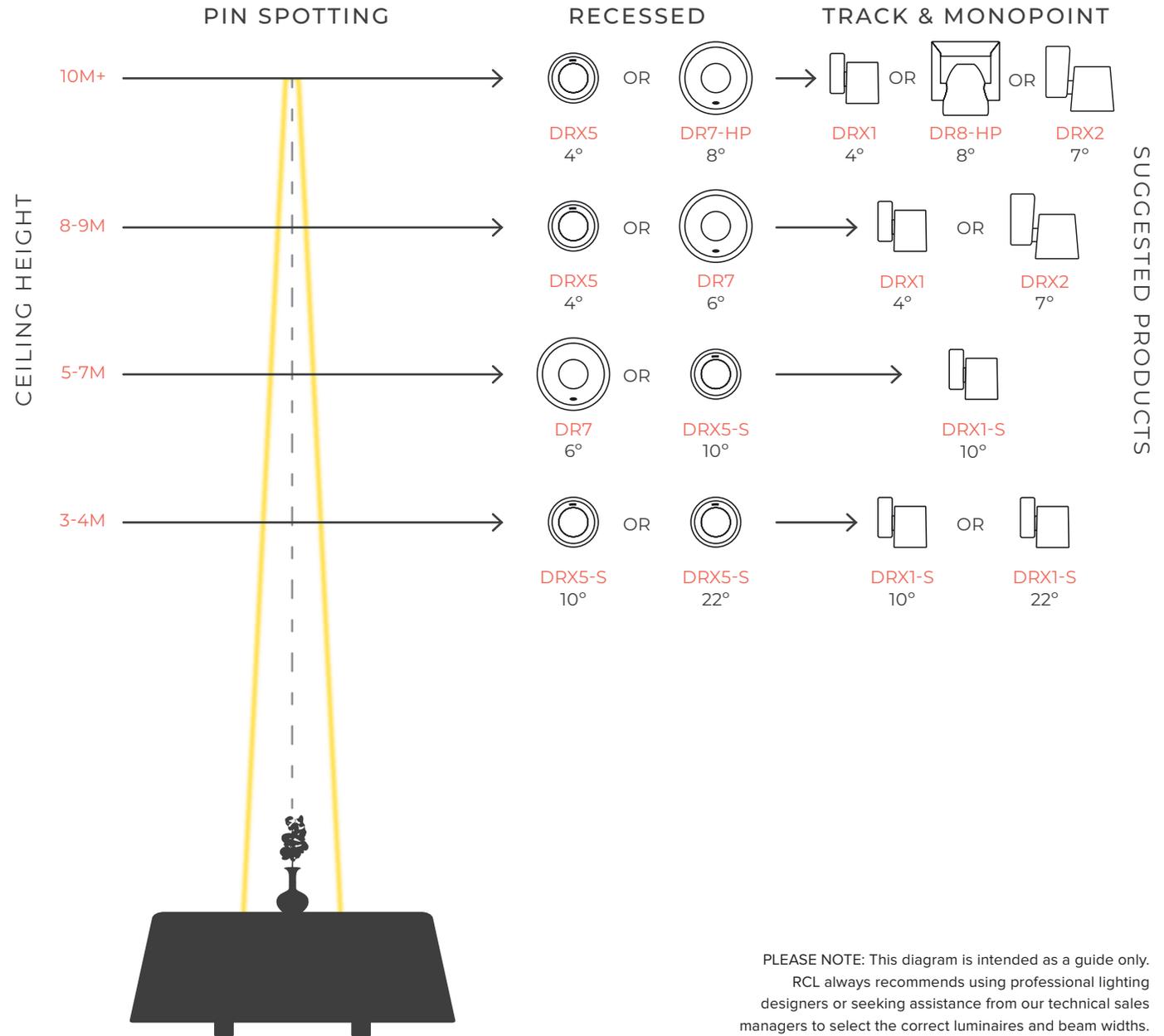




PLEASE NOTE: This diagram is intended as a guide only. RCL always recommends using professional lighting designers or seeking assistance from our technical sales managers to select the correct luminaires and beam widths.

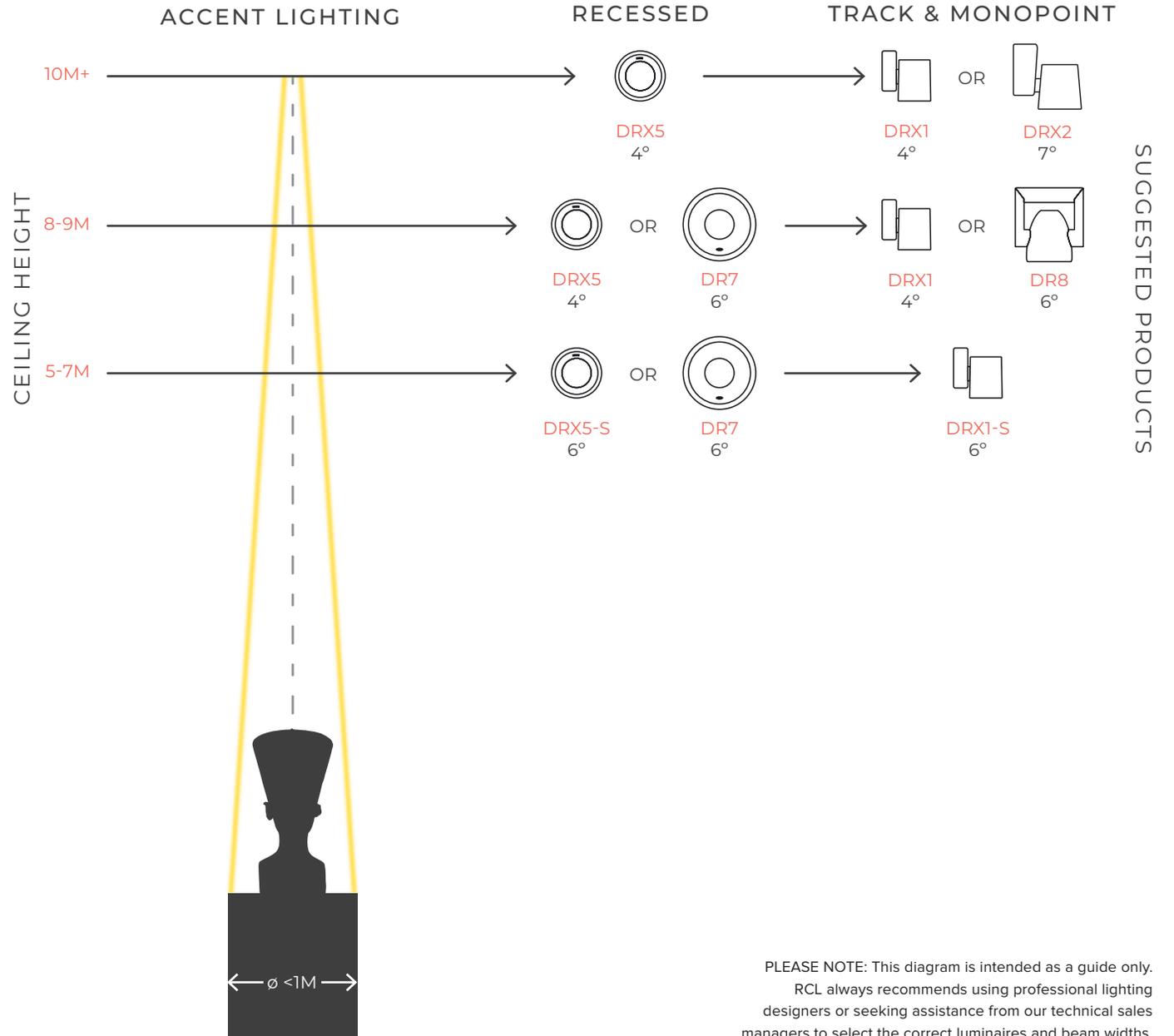
Pinspotting Tables

To assist with specification of our luminaires, we have created a simple guide to illustrate how the height of a ceiling relates to the spread of light. Each diagram showcases both recessed and track and monopoint fixtures to suit all mounting requirements.



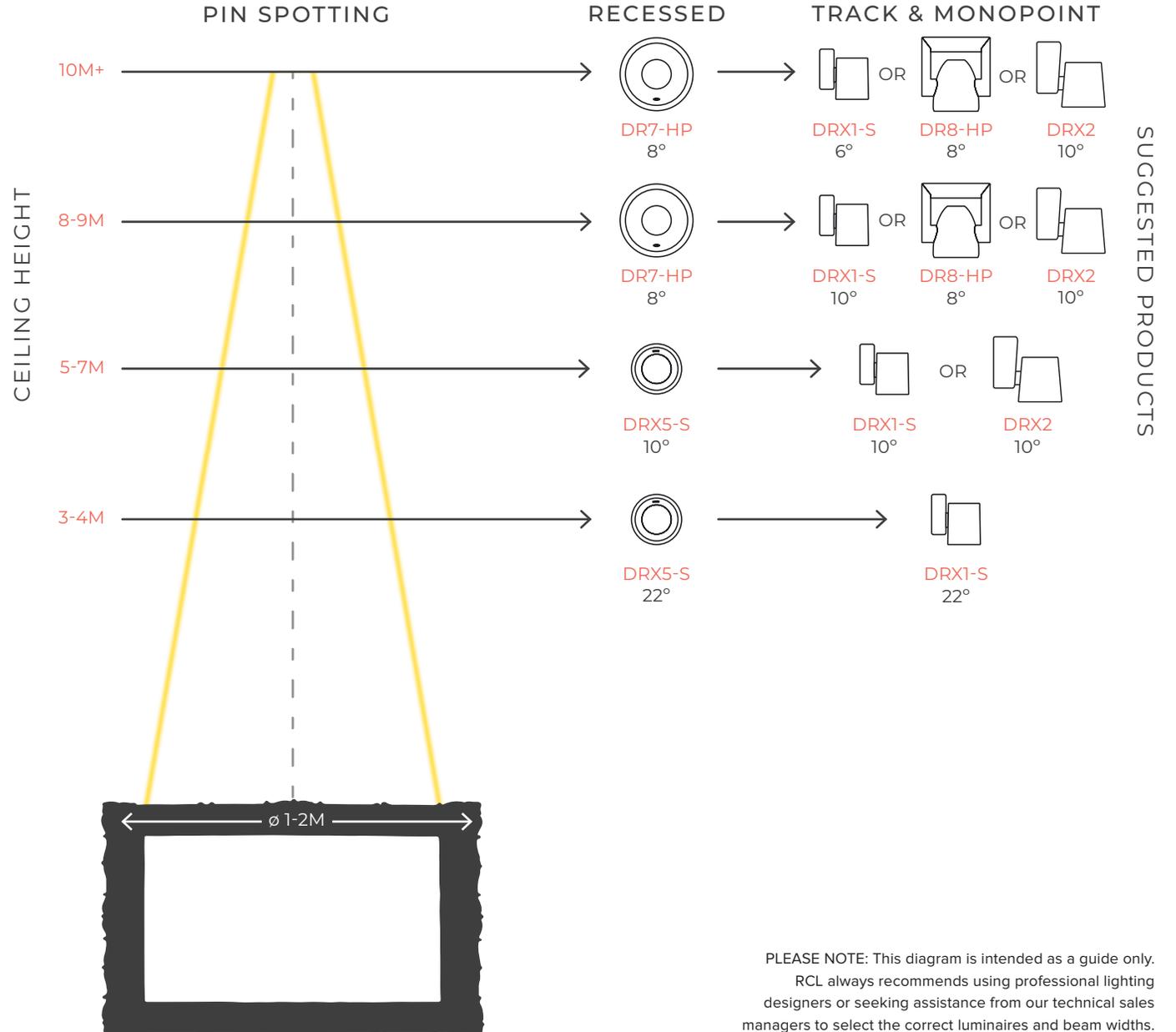
Small Areas

Objects with a diameter of less than 1 metre can be illuminated using narrow beams regardless of ceiling height. If the ceiling height exceeds 8 metres, our unrivalled ultra-narrow 4° beam is the perfect choice; even with a ceiling height of 14 metres, the beam spread stays within 1 metre diameter.



Medium Areas

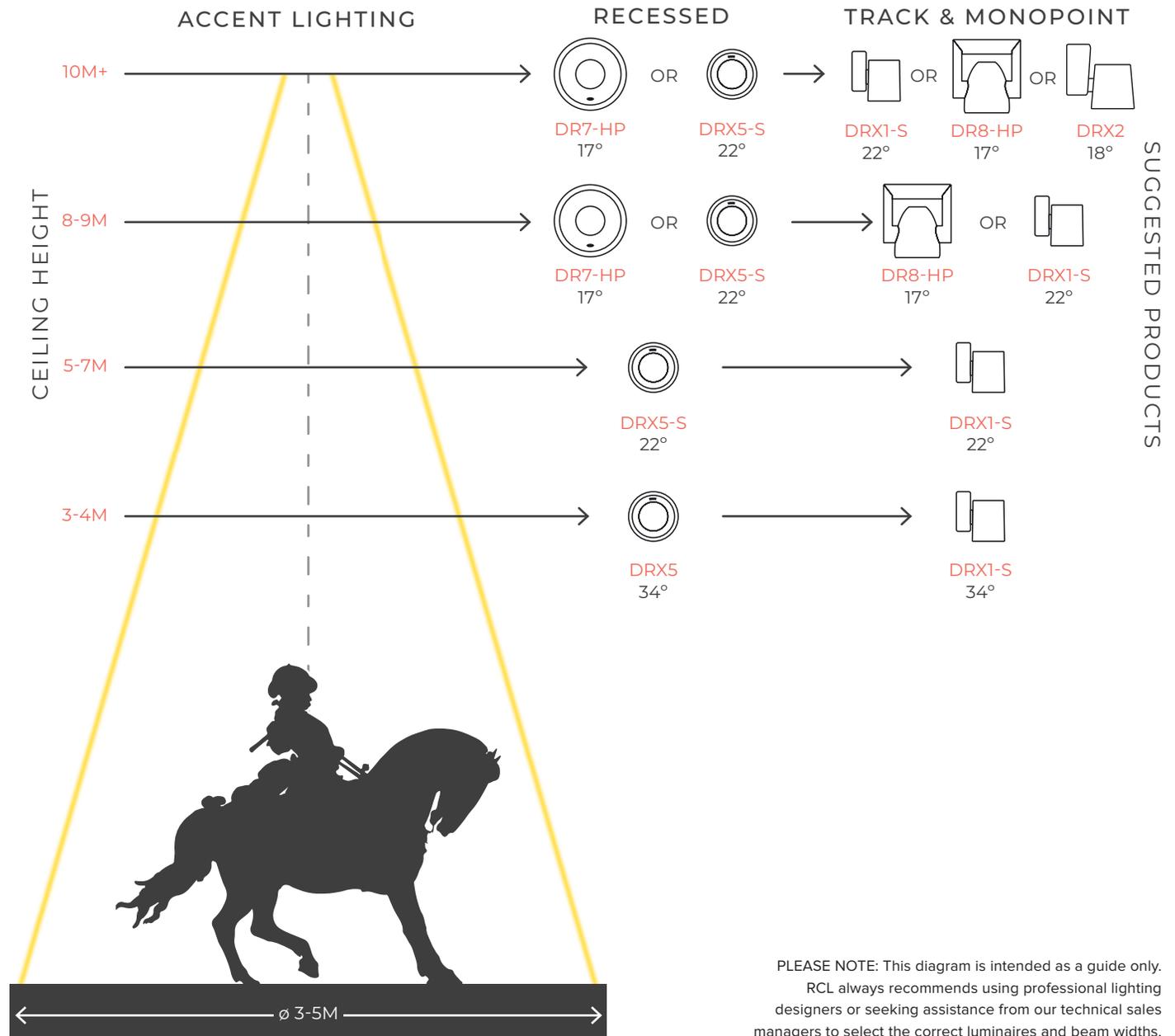
This diagram illustrates how useful our new High Power beams are when accent lighting from high ceilings. Our clean, consistent beams give extra depth to artwork, featuring areas or architectural detail even when used from great heights.



PLEASE NOTE: This diagram is intended as a guide only. RCL always recommends using professional lighting designers or seeking assistance from our technical sales managers to select the correct luminaires and beam widths.

Large Areas

Accent lighting large areas isn't as easy as it sounds, particularly if no attention is paid to the luminaire's lux levels. The downfall with only measuring luminaires by lumen output, particularly for accent lighting, is that a considerable amount of light can be lost before it reaches the target.



PLEASE NOTE: This diagram is intended as a guide only. RCL always recommends using professional lighting designers or seeking assistance from our technical sales managers to select the correct luminaires and beam widths.



LOCATION: HONG KONG

PRODUCTS: 59 DR7s

LIGHTING CONSULTANTS: LIGHT DIRECTION



Grand Hyatt

A beautifully designed hotel overlooking Victoria Harbour and the Wanchai waterfront promenade, the Grand Hyatt is a first choice for travellers looking for a luxury location.

Light Directions specified DR7s to complement the Grand Ballroom's elegant finish and accentuate the large crystal chandelier – the key feature in this impressive 730m² space.



LOCATION: LONDON

PRODUCTS: 152 DR8s & 36 DRX1s

SPECIFIER: CHRISTIE'S



Christie's

"We've had first class service and lighting from RCL for years. We trust them implicitly and always contact them for advice when embarking on new renovation projects."

David Gregory
Operations Director at Christie's

In 1766, James Christie opened the London fine art auction house, and their reputation has grown ever since. In 2008 and 2017 Christie's approached RCL to supply lighting as part of gallery renovations.

Lighting is always a key part of any refurbishment for Christie's. With constantly

changing collections, a contemporary, flexible lighting system that can be easily operated is essential. With thousands, if not millions, of pounds at stake in a highly competitive market, it's crucial that items are shown in literally their best light.



LOCATION: QATAR

PRODUCTS: 1398 DR7s

DESIGNER: LICHT KUNST LICHT



National Museum of Qatar

Architect:

Jean Nouvel

Inspired by the desert rose, the newly built National Museum of Qatar specified 1,398 of RCL's DR7 luminaires to illuminate various exhibitions throughout the museum showcasing the unique history of Qatar.

Each artefact on display is perfectly illuminated by DR7s using the RCL

handheld remote, allowing for beam manipulation from ground level and providing ultimate flexibility in the lighting scheme. This installation provides adaptable lighting for new and temporary exhibits that is quick, simple and completely unrestricted by the building's high ceilings and distinctive layout.



Madame de Pompadour (1715-1764) and François Boucher (1733-1801)

From Jacques-Louis David's *Portrait of Madame de Pompadour* (1764), Musée de la Ville de Paris, Paris. The painting depicts the French minister of the interior, Jean-François de La Pompadour, in a green dress with a large floral corsage. The painting is a masterpiece of 18th-century French portraiture, showing the subject in a sumptuous, ornate setting. The background features a classical architectural structure with a pediment and columns, and a large window with a view of a landscape. The overall style is characteristic of the Rococo and Neoclassical periods.

Madame de Pompadour was a French aristocrat and a powerful figure in the court of Louis XV. She was the mistress of the king and played a significant role in the arts and culture of the time. Her influence is evident in the painting, which shows her in a position of power and elegance. The portrait by Boucher captures her in a moment of quiet reflection, holding a book and looking towards the viewer. The use of green in her dress is a notable detail, as it was a color favored by the French court.

The painting is a fine example of Boucher's skill as a portraitist, capturing the essence of his subject with grace and refinement. The composition is balanced and harmonious, reflecting the aesthetic principles of the 18th century. The lighting is soft and focused, highlighting the subject and her dress against the darker background. The overall effect is one of beauty and sophistication, characteristic of the French Rococo style.

Madame de Pompadour in the Frame, 23 May – 27 October 2019
 Waddesdon: A Rothschild House & Gardens
 © Photo: Waddesdon Image Library, Mike Fear



Waddesdon Manor

High-resolution digital scanning and advanced 3D digital reproduction have recreated François Boucher's famous portrait of Madame de Pompadour (1756), displayed at the 'Madame de Pompadour in the Frame' exhibition at Waddesdon Manor.

RCL's new DRX1 Variable Pinpoint luminaires specifically tailor the lighting for each unique piece on show, adjusting the beam width to ensure they are seen in full splendor. Adjusting and focusing light is quick and effortless, providing essential flexibility for future exhibitions.



LOCATION: LONDON

PRODUCTS: 330 DR7s

ARCHITECT: G1 ARCHITECTURE



InterContinental O²

Room: *Arora Ballroom*

DR7 luminaires were specified for the Arora Ballroom at London's InterContinental O² luxury hotel. The Ballroom, which at over 3,000m² is one of the largest pillar-less ballrooms in Europe, regularly hosts a number of events for up to 3,000 people and consequently needed a truly flexible lighting system.

The DR7, with full motorised pan and tilt control from ground level, offers this flexibility. Integrated with a customised DMX system, the DR7s were configured in a number of

typical scenes which offered convenience for the venue operators. Fine-tuning is controlled with RCL's handheld remote for events that don't fall into the standard categories.

The ±35° tilt angle enabled the venue to light suspended objects in the three-dimensional space via the 64 one-tonne rigging points. With no protruding elements, the DR7s deliver a clean ceiling line with minimal architectural intrusion.



LOCATION: SYDNEY

PRODUCTS: 55 DR8s & 8 DR7s

DESIGNER: LIGHTING PLANNERS ASSOCIATES



Shangri-La

“The design concept reflected an expansive feeling, as if it was an open-air venue, with a bright and comfortable lighting environment. The lighting system is adaptable to fit various situations and meets tight energy conservation guidelines in Australia.”

Lighting Planners Associates

Sydney Harbour is home to one of the world’s most exciting and vibrant lighting festivals as well boasting a lively culture and nightlife. The historic area, known as ‘The Rocks’, is a prime example of successful regeneration and boasts luxury hotels such as the Shangri-La.

The 668m² Grand Ballroom had extensive refurbishment with a remarkable interior and lighting scheme created by Hong Kong-based design company AB Concept and Tokyo’s Lighting Planners Associates, which is led by internationally acclaimed lighting designer Kaoru Mende.



LOCATION: SEOUL

PRODUCTS: 180 DR7s

LIGHTING DESIGNER: TINO KWAN



Four Seasons Hotel

Room:

Kioku Restaurant

Internationally acclaimed lighting designer Tino Kwan desired minimal quantities of equipment to achieve maximum lighting effect for the Grand Ballroom and Kioku restaurant. It was only fitting that our recessed DR7 luminaires were specified to provide a versatile and discreet solution.

DR7s were the perfect choice for the 5.2m high Grand Ballroom, which features floor-to-ceiling windows and blackout curtains, playing host to a number of events including

weddings, conferences and banquets. The unique functions of DR7 also served to benefit Tino Kwan's design scheme for the Kioku restaurant, a three-story venue hosted by Japanese Chef Kazumi Sawada. As the restaurant is sky lit during the day, the artificial lighting had to be discreetly concealed and remotely dimmable. DR7 luminaires were installed into shallow troughs embedded into ceiling beams, effectively concealing the fixtures during lunch service.



LOCATION: SUSSEX

PRODUCTS: 38 DRX5s

LIGHTING DESIGNER: ENGINE



Gravetye Manor

Architect:

Charles Knowles Design

Built in 1598, Gravetye Manor celebrated its 60th anniversary as a luxury country house hotel by opening a new restaurant, innovatively designed by Charles Knowles Design, with views out to the historic gardens created by the late, great William Robinson.

The interior layout has been designed to create personal space and intimacy, with luxurious banquette seating enclosed by oak dwarf walls. A light maple acoustic ceiling keeps noise levels to a muted but buzzy level reflecting the serenity of the surroundings. The 200-year-old reclaimed Versailles pattern oak floor perfectly befits the style of the Manor. The atmosphere is enhanced by innovative, subtle lighting

specified by lighting consultants Ingine. 38 DRX5 motorised luminaires are remotely directed onto every table, providing quick and easy adjustments between servings, and giving full flexibility at the touch of a button, including weddings, conferences and banquets. The unique functions of DR7 also served to benefit Tino Kwan's design scheme for the Kioku restaurant, a three story venue hosted by Japanese Chef Kazumi Sawada. As the restaurant is sky lit during the day, the artificial lighting had to be discreetly concealed and remotely dimmable. DR7 luminaires were installed into shallow troughs embedded into ceiling beams, effectively concealing the fixtures during lunch service.

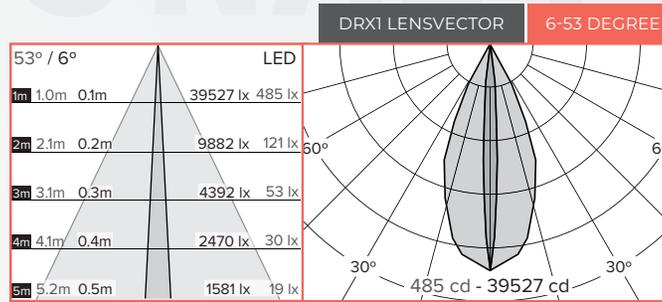
International Partners

RCL works with a number of sales partners worldwide. They are dedicated lighting professionals who understand their local design community and have extensive knowledge of our products. To connect with someone in your geographic region, visit the Worldwide Partners section of <https://rclighting.com/contact/>.

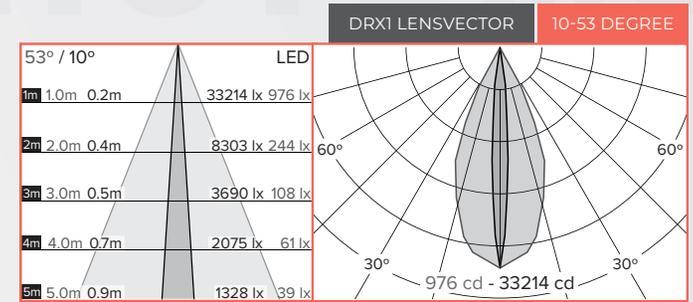
FOLLOW THE QR CODE BELOW TO VIEW OUR SALES PARTNERS



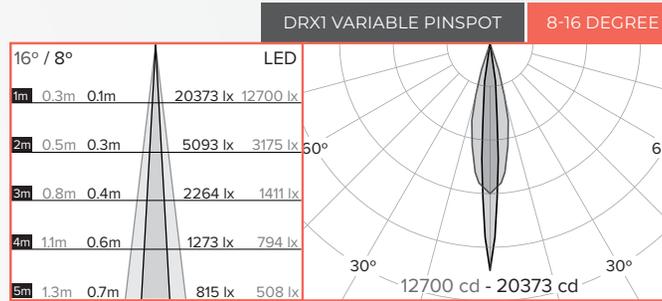
Tunable White & Variable Beam



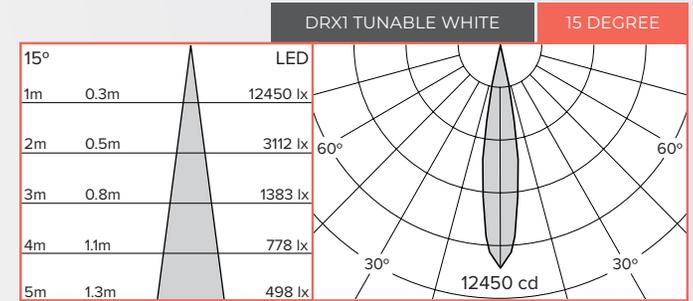
PEAK INTENSITY: 39527 CD



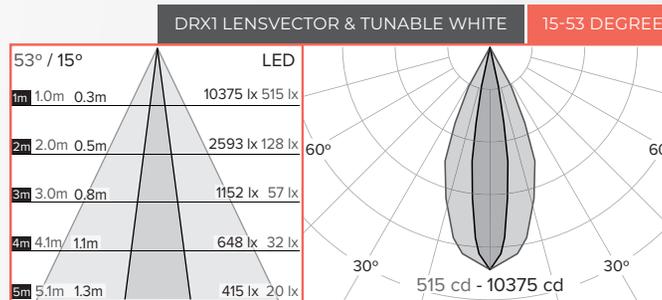
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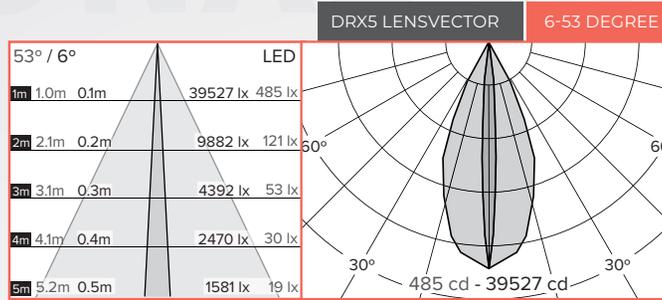
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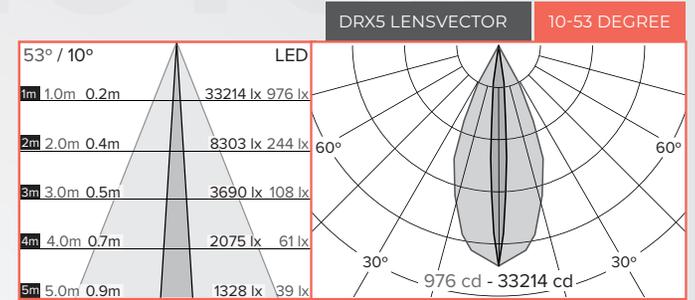
PEAK INTENSITY: 12450 CD



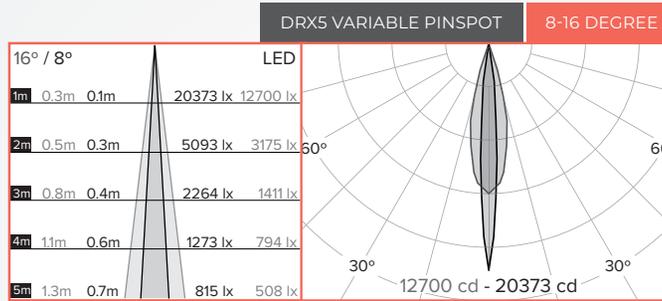
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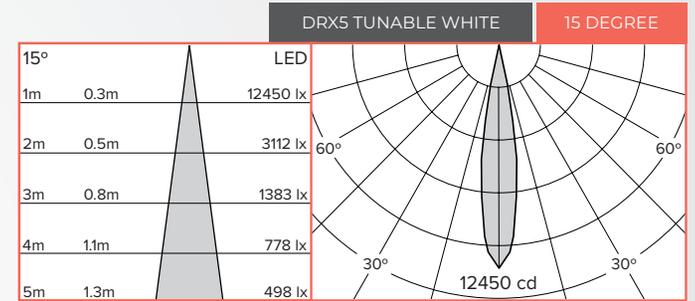
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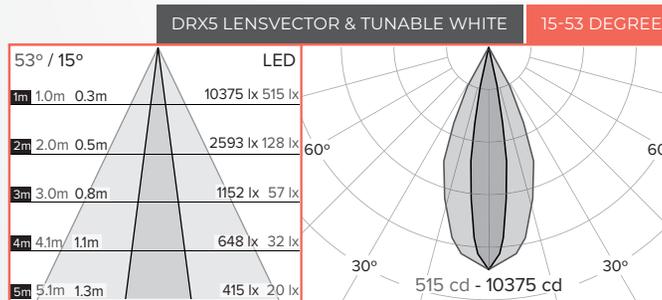
PEAK INTENSITY: 33214 CD



PEAK INTENSITY: 20373 CD



PEAK INTENSITY: 12450 CD



PEAK INTENSITY: 10375 CD



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