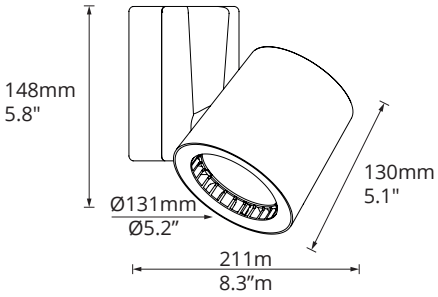
DRX2

FOR TRACK & MONOPOINT

DRX2 is a lightweight and powerful motorized remote controlled spotlight. Its minimalist compact design and tiny footprint offer a solution for restricted spaces without compromising on output and quality. The DRX2 is available with three fixed CCT light engines, delivering up to 1,474 lumens from a wide selection of fixed beam options as well as zoom powered by Lensvector.
DRX2 is also available with Tunable White and RGBW - visit their specsheets to learn more.

KEY FEATURES

- ±165° Pan, ±110° Tilt Motorised Movement
- Wired or Wireless control
- Position and light level scene recall
- Compact minimalist design
- Premium componentry
- 230V 3-Circuit Track or Monopoint
- 120V 2-Circuit Track or Monopoint



PERFORMANCE DATA

OUTPUT OPTIONS	1800LM		3800LM			
BEAM OPTIONS	7°	10°-55° Zoom[1]	10°	17°	28°	15-50° Zoom[1]
DELIVERED OUTPUT	1,788 lm	1,734 lm[1]	3,358 lm	3,757 lm	3,316 lm	3,194 lm[1]
PEAK INTENSITY	73,477 cd	40,504 cd[1]	81,117 cd	31,317 cd	10,698 cd	35,885 cd[1]
LED ARRANGEMENT	Single source		Single source			
LED WATTAGE	25 W		50 W			
EFFICACY	72 lm/W		75 lm/W			
DYNAMIC WATTAGE	34.8 W [2]		64.7 W [2]			
CCT OPTIONS	2700K | 3000K | 4000K		2700K | 3000K | 4000K			

Notes

[1] Value at narrowest zoom setting

[2] Dynamic Wattage is the total power draw momentarily possible when both motors are running simultaneously.

MECHANICAL & MOUNTING

LOCATION	IP20	LIFETIME	L90 50,000 hrs min
ADJUSTABILITY	±165° Pan, ±110° Tilt	WARRANTY	5 Years
WEIGHT	Track 1.90kg / 4.19lb | Monopoint 2.10kg / 4.63lb	TM65	96.98kgCO2e
MATERIAL	Machined AL 6063-T6	TM66	2.4
DRIVER	Integral	ACCESSORIES	Separate holder - Louver | Lenses
MOUNTING	Track | Monopoint		

ORDER CODE

MODEL	MOUNTING	CCT	OUTPUT	BEAM ANGLE	VOLTAGE	CONTROL	FINISH
DRX2 *DRX2*	**TM** *Track*	**27K** *2700K*	**18** *1800LM*	**UN** *Ultra Narrow 7°*	**230** *230V 50/60Hz*	**HAND** *Controller Only* [1]	**WH** *White*
	MP *Monopoint*	**30K** *3000K*		**ZO** *Zoom 10-55°*	**120** *120V 50/60Hz*	**010V** *0-10V* [2]	**BK** *Black*
		40K *4000K*				**DALI** *DALI* [3]	
						DMX *DMX*	
						RCLC *RCL Control*	
			38 *3800LM*	**NA** *Narrow 10°*			
				ME *Medium 17°*			
				WD *Wide 28°*			
				ZO *Zoom 15-50°*			

Notes

[1] Handheld controller only, no additional control option enabled

[2] 0-10V controls light level only, handheld remote used for movement and scene control

[3] DALI controls light level, groups and scenes, handheld remote used for movement

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DRX2

FOR TRACK & MONOPOINT

DRX2 ON ONETRACK

White

Black

DRX2 MONOPOINT

White

Black

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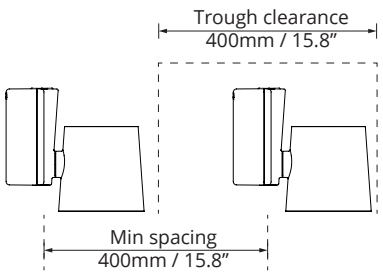
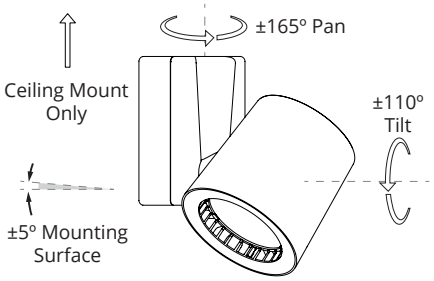
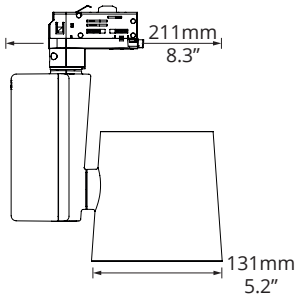
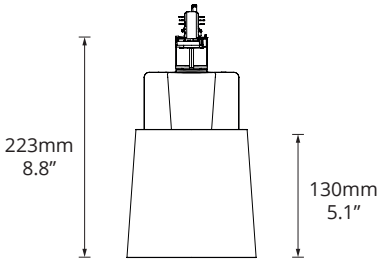
INSTALLATION CLEARANCE AND ARTICULATION



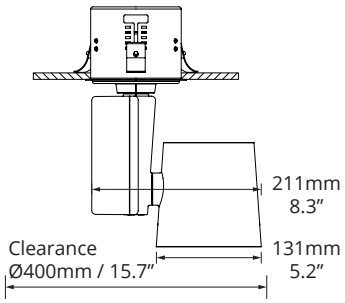


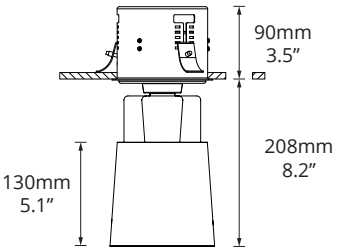
230V 3-CIRCUIT TRACK



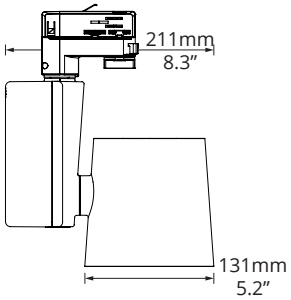


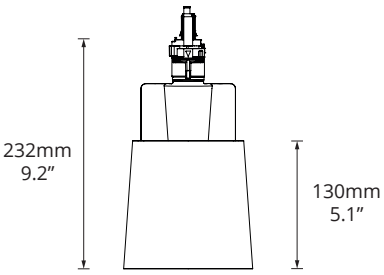
230V MONOPOINT



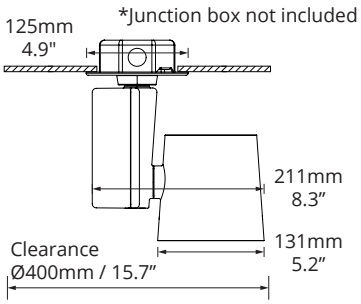


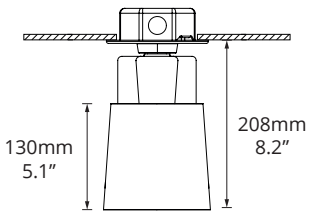
120V 2-CIRCUIT TRACK - NORTH AMERICA





120V MONOPOINT - NORTH AMERICA





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DIMMING & CONTROL TABLE

	Core Control Option In all products	Additional Control Option 1 can be used in addition to the handheld remote Remote required for commissioning			
	Handheld Remote	RCL Control	DALI	DMX	0-10V
BRIGHTNESS	✓	✓	✓	✓	✓
MOVEMENT	✓	✓	1	✓	
COLOUR TEMPERATURE	✓	✓	✓	✓	
RGBW	✓	✓	1	✓2	
ZOOM	✓	✓	1	✓	
SCENES	✓	✓	1	✓	

1. Zoom, RGBW and position programmed by handheld remote, recalled by DALI scenes command. 10 scenes available, not available with all DALI systems.
2. Hue and Saturation control.

DIMMING & CONTROL DETAILS

Handheld Remote

The RCL handheld remote controller affords control of all aspects of the luminaire. Our products are available both as solely controlled by the remote or with another protocol. Regardless of if another protocol is specified on the product, it will always have the ability to be controlled by our handheld remote controller. The luminaire will always power up with its last configuration.

RCL Control

The RCL Control iPad app offers an intuitive, user-friendly interface capable of managing multiple rooms and floors. RCL control requires a mediator device that acts as the wired to wireless interface on the project, this device acts as the hub, receiving then distributing wireless commands to up to 200 luminaires. The mediator can receive DALI or DMX wired inputs to allow control of groups of luminaires and recalling scenes requested from external building management systems. RCL Control utilises a dynamic wireless mesh network for robust, scalable and low-latency performance, ensuring reliable and secure operation without internet dependence. Luminaires can be organised into zones, groups and scenes, all controlled through our award-winning reflected ceiling plan interface.

DALI

DALI offers brightness, CCT, group and scene control of our luminaires, the handheld remote is needed for movement. The first 10 scenes can be programmed by handheld controller and recalled by DALI, in this case all configured features can be set and recalled (i.e. zoom, position, etc). Not all DALI controllers use the DALI scene command, so testing is recommended.

DMX

All configured features of our luminaires are available for control by DMX, by default the fixture will have a footprint of 4, allowing for pan, tilt and dim control. The handheld remote allows the user to select one of six possible profiles allowing for dim only, dim and movement or movement and control of all fitted light engine features with different resolutions available. Please note that RGBW is controlled with a hue and saturation channel.
When installing DMX to track mounted fixtures it is important to ensure that appropriate electrical isolation is provided between the DMX circuits on the track and any DMX connections. The DMX and electrical grounds will need to be connected, typically by a mains-powered splitter on the same circuit.

0-10V

0-10V has a single control group as all luminaires connected to the databus will dim in unison. 0-10V will only control the brightness, the handheld remote is needed for movement, CCT and zoom if available.

Phase

Phase dimming is not available on RCL products.

Control method not listed here? We have a wealth of experience integrating with 3rd party control systems so get in touch.

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1800LM LIGHT ENGINE - OUTPUT SCALING

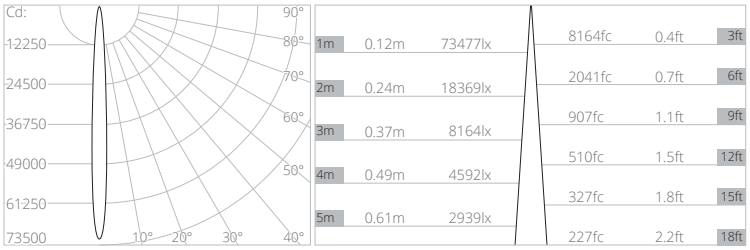
CCT	Multiplier	CRI	R9	Rf	Rg	Max Delivered lm
2400K	-	-	-	-	-	N/A
2700K	1.00	92	50	90	99	1788lm
3000K	**1.00**	**92**	**50**	**90**	**99**	**1788lm**
3500K	-	-	-	-	-	N/A
4000K	1.15	92	50	90	98	2056lm

All diagrams and data measured at 3000K

1800LM LIGHT ENGINE - PHOTOMETRY

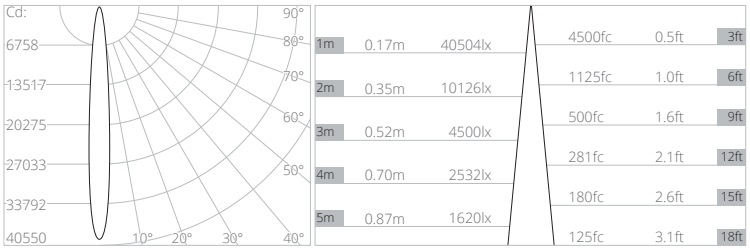
7° BEAM

BEAM ANGLE 7°
DELIVERED LM 1788lm
PEAK INTENSITY 73477cd



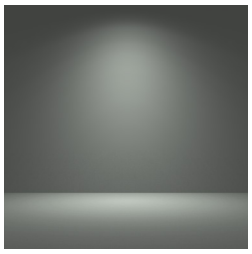
ZOOM 10° NARROWEST BEAM

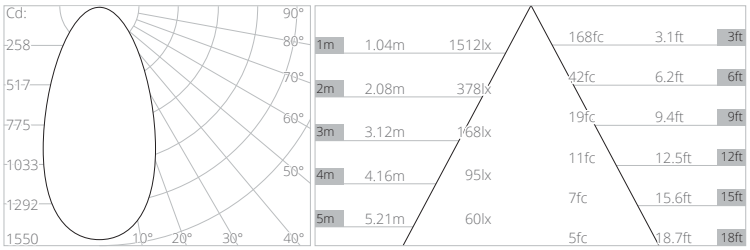
BEAM ANGLE 10°
DELIVERED LM 1734lm
PEAK INTENSITY 40504cd



ZOOM 55° WIDEST BEAM

BEAM ANGLE 55°
DELIVERED LM 1444lm
PEAK INTENSITY 1512cd





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3800LM LIGHT ENGINE - OUTPUT SCALING

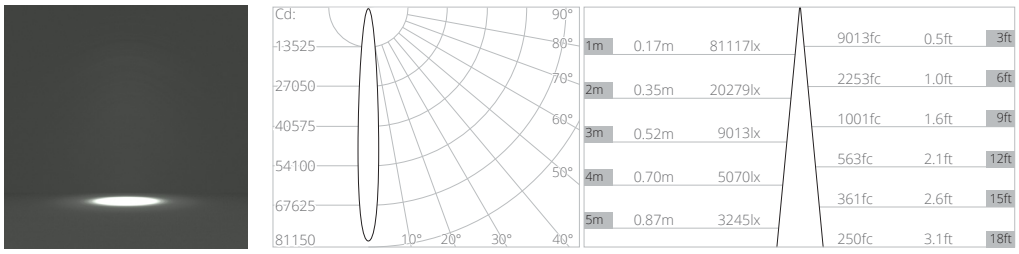
CCT	Multiplier	CRI	R9	Rf	Rg	Max Delivered lm
2400K	-	-	-	-	-	N/A
2700K	0.93	92	50	90	99	3494lm
3000K	**1.00**	**92**	**50**	**90**	**99**	**3757lm**
3500K	-	-	-	-	-	N/A
4000K	1.07	92	50	90	98	4020lm

All diagrams and data measured at 3000K

3800LM LIGHT ENGINE - PHOTOMETRY

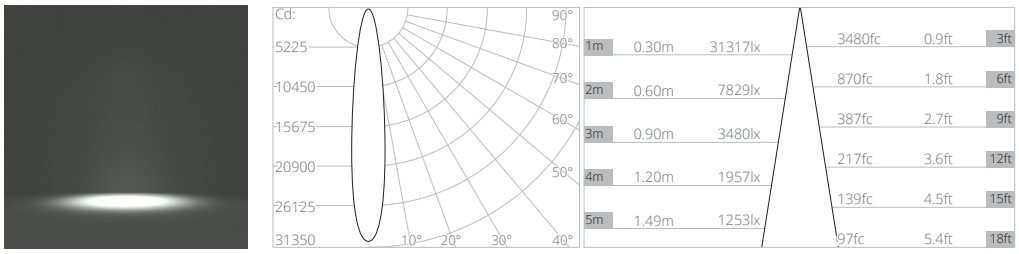
10° BEAM

BEAM ANGLE 10°
DELIVERED LM 3358lm
PEAK INTENSITY 81117cd



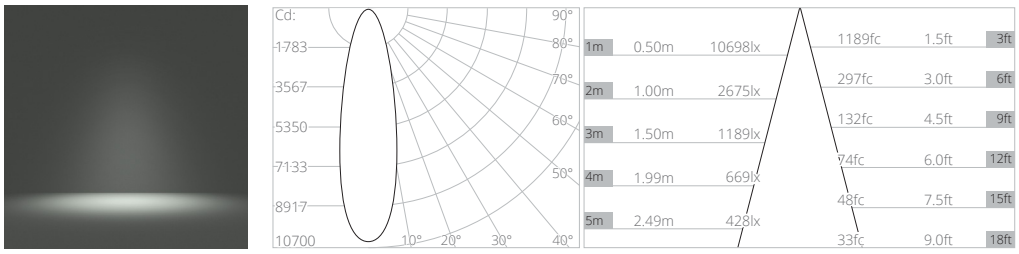
17° BEAM

BEAM ANGLE 17°
DELIVERED LM 3757lm
PEAK INTENSITY 31317cd



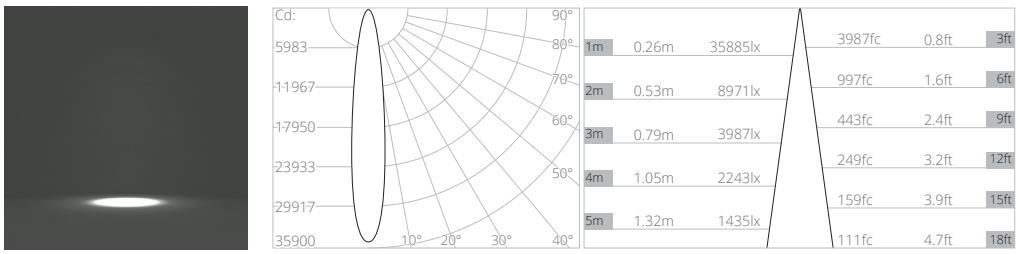
28° BEAM

BEAM ANGLE 28°
DELIVERED LM 3316lm
PEAK INTENSITY 10698cd



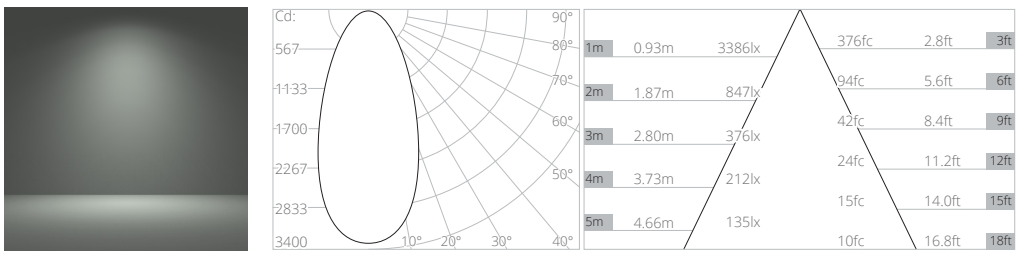
ZOOM 15° NARROWEST BEAM

BEAM ANGLE 15°
DELIVERED LM 3194lm
PEAK INTENSITY 35885cd



ZOOM 50° WIDEST BEAM

BEAM ANGLE 50°
DELIVERED LM 2798lm
PEAK INTENSITY 3386cd



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ACCESSORIES

Accessories for 1800lm & 3800lm all beam options

A separate accessory holder is required that is field swappable for the honeycomb louver. The softening microlens options are factory fitted without an additional holder.

ACCESSORIES ORDER CODE

ORDER CODES

	1800lm	3800lm	Use
ACCESSORY HOLDER	18364	18364	Accommodates 1 louver plus 1 lens
HONEYCOMB LOUVER	18365	18365	Reduces field beam and glare
NARROW MICROLENS	18393	18393	Light beam softening
MEDIUM MICROLENS	18394	18394	Medium beam softening
WIDE MICROLENS	18395	18395	Heavy beam softening

FEATURE MAP

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