

DRX5 - TUNABLE WHITE

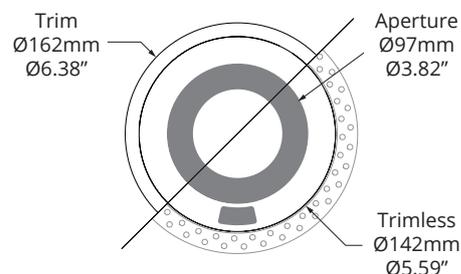
RECESSED TRIMMED & TRIMLESS



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. The DRX5 is available with two tunable CCT light engines, delivering up to 1,293 lumens from a wide selection of fixed beam options as well as zoom powered by Lensvector. DRX5 is also available with Static White and RGBW - visit their specsheets to learn more.

KEY FEATURES

- 360° pan with 35° tilt Motorised Movement
- Wired or Wireless control
- Position and light level scene recall
- Fully recessed and does not break the ceiling line
- Premium componentry
- Available with IC rated housing for North America



PERFORMANCE DATA

OUTPUT OPTIONS	1300LM			
	15°	22°	32°	15-50° Zoom ¹
BEAM OPTIONS				
DELIVERED OUTPUT	1,293 lm	1,220 lm	1,145 lm	1,070 lm ¹
PEAK INTENSITY	13,747 cd	7,103 cd	3,083 cd	11,066 cd ¹
LED ARRANGEMENT	Single source			
LED WATTAGE	13W			
EFFICACY	100 lm/W			
DYNAMIC WATTAGE	19.4 W ²			
CCT OPTIONS	1800K-4000K (3000K) ³ 2700K-6500K (5500K) ³			

Notes

¹ Value at narrowest zoom setting

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

³ Tunable white when paired with Lensvector beam control has a narrower CCT tuning range of 1800-3000K or 2700-5500K

MECHANICAL & MOUNTING

LOCATION	IP20	LIFETIME	L90 50,000 hrs min
ADJUSTABILITY	360° Pan, 35° Tilt	WARRANTY	5 Years
WEIGHT	1.55kg / 3.42lb IC housing +5.3kg / 11.68lb	TM65	67.90kgCO ₂ e
MATERIAL	Machined AL 6063-T6	TM66	2.4
POWER SUPPLY	Remote	ACCESSORIES	Separate holder - Louver Lenses
MOUNTING	Recessed		

ORDER CODE

MODEL	MOUNTING	CCT	OUTPUT	BEAM ANGLE	TYPE	CONTROL	FINISH
DRX5 DRX5	TR Trimmed TL Trimless	TW1 1800-4000K ⁴ TW2 2700-6500K ⁴	13 1300LM	NA Narrow 15° ME Medium 22° WD Wide 32° ZO Zoom 15-50°	230 230V 50/60Hz UNICP 120-277V Chicago Plenum IC Housing	HAND Controller Only ¹ 010V 0-10V ² DALI DALI ³ DMX DMX RCLC RCL Control	WH White BK Black

Notes

¹ Handheld controller only, no additional control option enabled

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

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

⁴ Tunable white when paired with Lensvector beam control has a narrower CCT tuning range of 1800-3000K or 2700-5500K

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DRX5 TRIMMED



White



Black

DRX5 TRIMLESS



White



Black

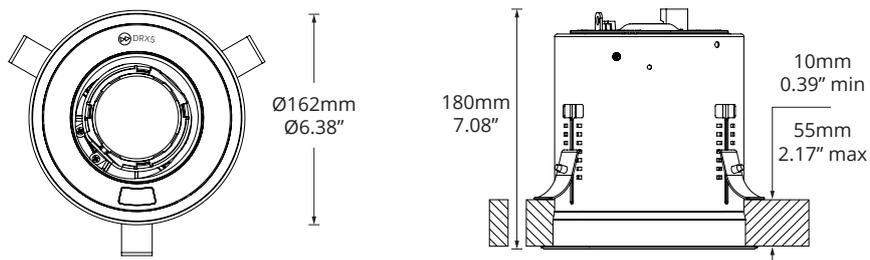
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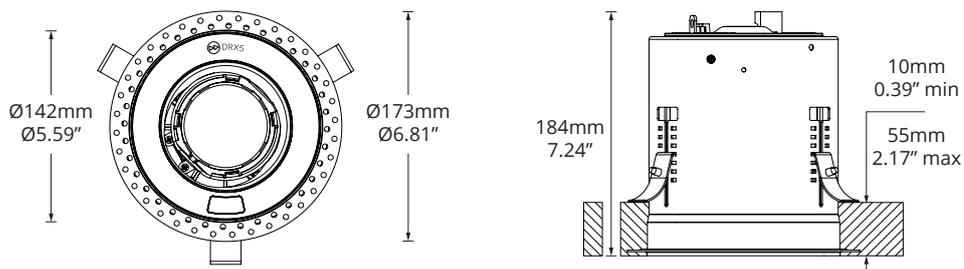
INSTALLATION CLEARANCE AND ARTICULATION



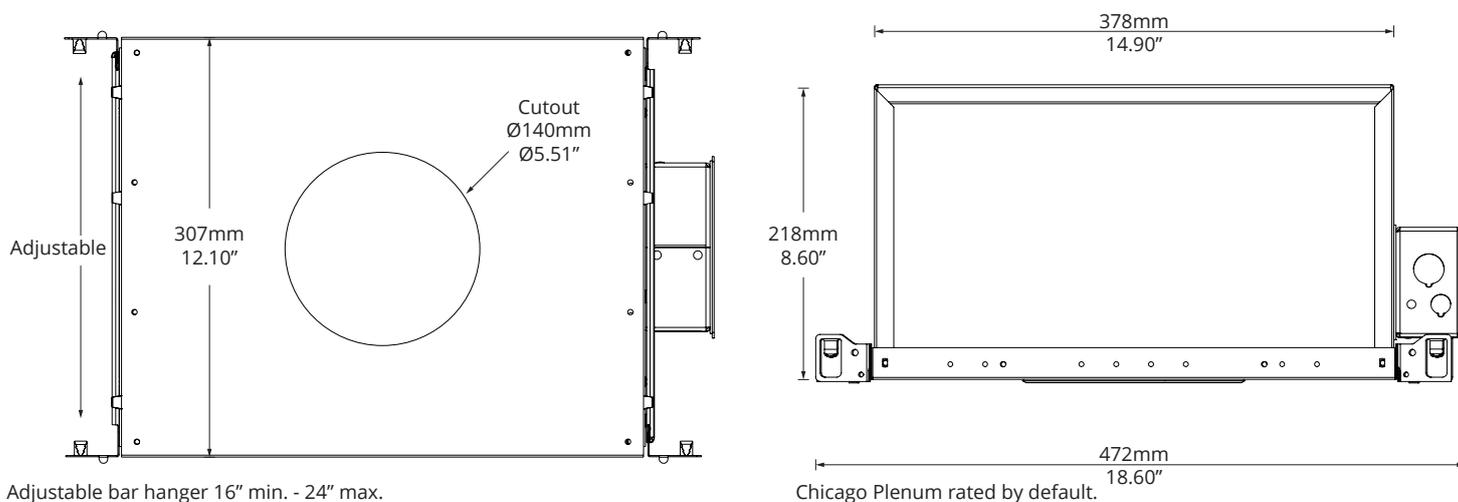
DRX5 TRIMMED



DRX5 TRIMLESS



120V / 277V IC HOUSING FOR NORTH AMERICA



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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1300LM LIGHT ENGINE - OUTPUT SCALING

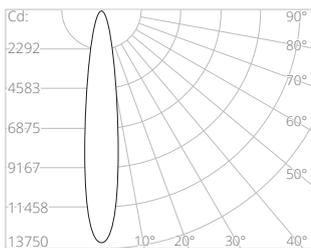
CCT	Multiplier	CRI	R9	Rf	Rg	Max Delivered lm
1800K	0.70	92	68	90	99	914lm
2400K	0.90	92	80	90	99	1175lm
3000K	1.00	92	75	90	99	1305lm
4000K	1.06	91	70	89	99	1383lm
6500K	1.20	91	65	89	98	1566lm

All diagrams and data measured at 3000K

1300LM LIGHT ENGINE - PHOTOMETRY

15° BEAM

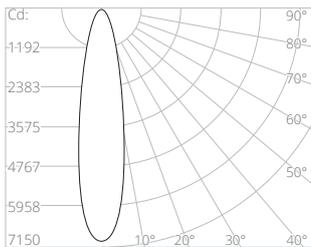
BEAM ANGLE 15°
 DELIVERED LM 1293lm
 PEAK INTENSITY 13747cd



Height	Beam Diameter	Footcandle	Feet
1m	0.28m	13747lx	1527fc
2m	0.56m	3437lx	382fc
3m	0.84m	1527lx	170fc
4m	1.12m	859lx	95fc
5m	1.41m	550lx	61fc

22° BEAM

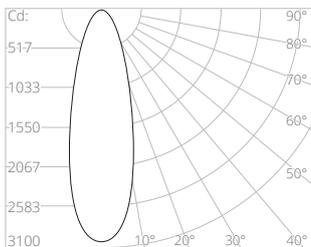
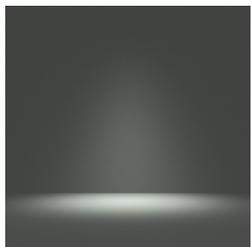
BEAM ANGLE 22°
 DELIVERED LM 1220lm
 PEAK INTENSITY 7103cd



Height	Beam Diameter	Footcandle	Feet
1m	0.39m	7103lx	789fc
2m	0.78m	1776lx	197fc
3m	1.17m	789lx	88fc
4m	1.56m	444lx	49fc
5m	1.94m	284lx	32fc

32° BEAM

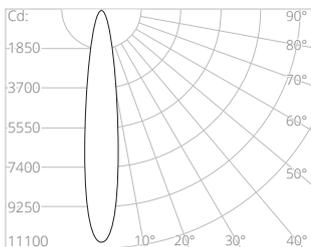
BEAM ANGLE 32°
 DELIVERED LM 1145lm
 PEAK INTENSITY 3083cd



Height	Beam Diameter	Footcandle	Feet
1m	0.57m	3083lx	343fc
2m	1.15m	771lx	86fc
3m	1.72m	343lx	38fc
4m	2.29m	193lx	21fc
5m	2.87m	123lx	14fc

ZOOM 15° NARROWEST BEAM

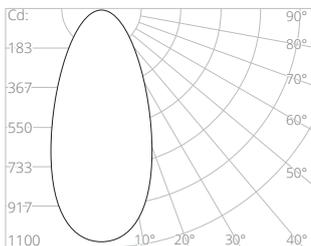
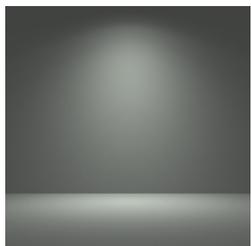
BEAM ANGLE 15°
 DELIVERED LM 1070lm
 PEAK INTENSITY 11066cd



Height	Beam Diameter	Footcandle	Feet
1m	0.28m	11066lx	1230fc
2m	0.56m	2767lx	307fc
3m	0.84m	1230lx	137fc
4m	1.12m	692lx	77fc
5m	1.41m	443lx	49fc

ZOOM 50° WIDEST BEAM

BEAM ANGLE 50°
 DELIVERED LM 984lm
 PEAK INTENSITY 1080cd



Height	Beam Diameter	Footcandle	Feet
1m	0.93m	1080lx	120fc
2m	1.87m	270lx	30fc
3m	2.80m	120lx	13fc
4m	3.73m	68lx	8fc
5m	4.66m	43lx	5fc

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ACCESSORIES

Accessories for 1300lm fixed beam angle

No additional holder is required, accessories are factory fitted if ordered.

Accessories for 1300lm zoom

No additional holder is required, accessories are factory fitted if ordered.

ACCESSORIES ORDER CODE

ORDER CODES	1300lm Fixed beam angle	1300lm Zoom	Use
	ACCESSORY HOLDER	No holder required	No holder required
HONEYCOMB LOUVER	18882	18882	Reduces field beam and glare
NARROW MICROLENS	18302	18302	Light beam softening
MEDIUM MICROLENS	18303	18303	Medium beam softening
WIDE MICROLENS	18304	18304	Heavy beam softening

FEATURE MAP

