DRX7 - TUNABLE WHITE

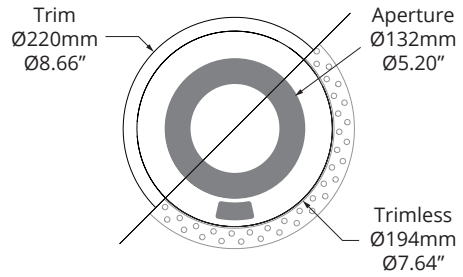
RECESSED TRIMMED & TRIMLESS



KEY FEATURES

- 360º pan with 35º 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

DRX7 is a recessed luminaire that masters the art of pin spotting and accent lighting while combining excellent beam quality with all the benefits of RCL technology. DRX7 is RCL's most powerful recessed product and is ideal for high-ceiling applications such as ballroom spaces, atriums, large hospitality venues, banqueting halls, and exhibition spaces. DRX7 offers a wide selection of beam options including zoom powered by Lensvector.
DRX7 is also available with Static White and RGBW - visit their specsheets to learn more.



PERFORMANCE DATA

OUTPUT OPTIONS	2000LM				2800LM		
BEAM OPTIONS	15º	24º	30º	20º-50º Zoom[1]	17º	26º	30º
DELIVERED OUTPUT	1,761 lm	2,148 lm	2,021 lm	1,792 lm[1]	2,624 lm	2,694 lm	2,332 lm
PEAK INTENSITY	17,521 cd	9,834 cd	5,716 cd	10,426 cd[1]	23,108 cd	10,289 cd	6,809 cd
LED ARRANGEMENT	Single source				Single source		
LED WATTAGE	26 W				34 W		
EFFICACY	83 lm/W				80 lm/W		
DYNAMIC WATTAGE	35.6 W [2]				45.1 W [2]		
CCT OPTIONS	1800K-4000K (3000K) [3] | 2700K-6500K (5500K) [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
ADJUSTABILITY	360º Pan, 35º Tilt
WEIGHT	3.00kg / 6.61lb | IC housing +5.7kg / 12.57lb
MATERIAL	Machined AL 6063-T6
POWER SUPPLY	Remote
MOUNTING	Recessed Ø195mm (7.68") cutout
LIFETIME	L90 50,000 hrs min
WARRANTY	5 Years
TM65	130.03kgCO2e
TM66	2.4
ACCESSORIES	Separate holder - Louver | Lenses

ORDER CODE

MODEL	MOUNTING	CCT	OUTPUT	BEAM ANGLE	TYPE	CONTROL	FINISH
DRX7 *DRX7*	**TR** *Trimmed*	**TW1** *1800-4000K* [4]	**20** *2000LM*	**NA** *Narrow 15º*	**230** *230V 50/60Hz*	**HAND** *Controller Only* [1]	**WH** *White* [5]
	TL *Trimless*	**TW2** *2700-6500K* [4]		**ME** *Medium 24º*	**UNICP** *120-277V Chicago Plenum IC Housing*	**010V** *0-10V* [2]	**BK** *Black* [5]
				WD *Wide 30º*		**DALI** *DALI* [3]	
				ZO *Zoom 20-50º*		**DMX** *DMX*	
						RCLC *RCL Control*	
		TW2 *2700-6500K* [4]	**28** *2800LM*	**NA** *Narrow 17º*			
				ME *Medium 26º*			
				WD *Wide 30º*			

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

[5] Custom RAL or plated finishes are available, please enquire with our team

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DRX7 - TUNABLE WHITE

RECESSED TRIMMED & TRIMLESS

DRX7 TRIMMED



White



Black

DRX7 TRIMLESS



White



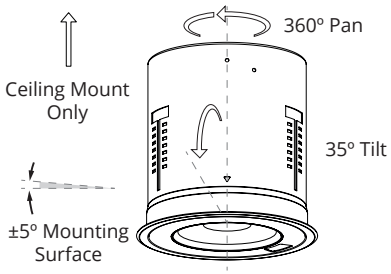
Black

Other finishes can be supplied via our custom process, this includes custom RAL or plating. Please enquire with our team.

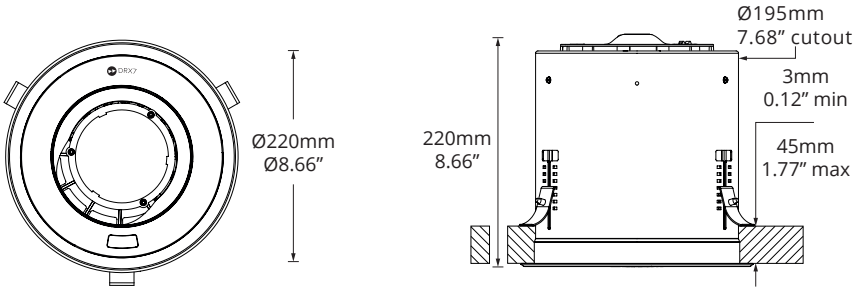
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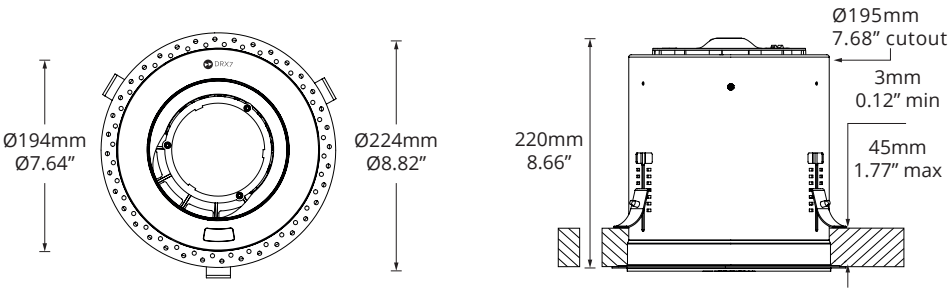
INSTALLATION CLEARANCE AND ARTICULATION



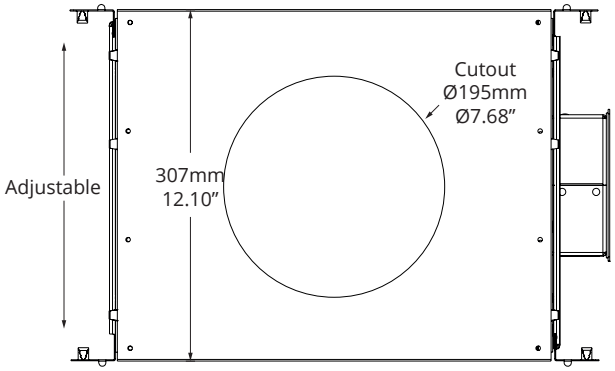
DRX7 TRIMMED



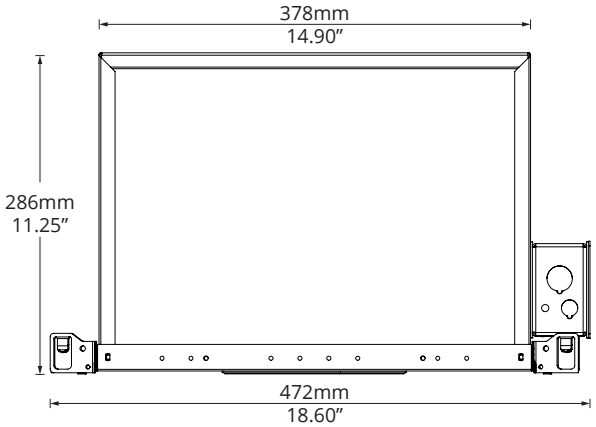
DRX7 TRIMLESS



120V / 277V IC HOUSING FOR NORTH AMERICA



Adjustable bar hanger 16” min. - 24” max.



Chicago Plenum rated by default.

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DRX7 - TUNABLE WHITE

RECESSED TRIMMED & TRIMLESS

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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DRX7 - TUNABLE WHITE

RECESSED TRIMMED & TRIMLESS

2000LM LIGHT ENGINE - OUTPUT SCALING

CCT	Multiplier	CRI	R9	Rf	Rg	Max Delivered lm
1800K	0.70	92	68	90	99	1503lm
2400K	0.90	92	80	90	99	1933lm
3000K	**1.00**	**92**	**75**	**90**	**99**	**2148lm**
4000K	1.06	91	70	89	99	2276lm
6500K	1.20	91	65	89	98	2577lm

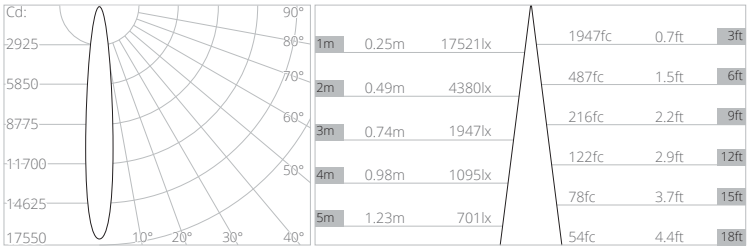
All diagrams and data measured at 3000K

2000LM LIGHT ENGINE - PHOTOMETRY

15° BEAM

BEAM ANGLE 15°
DELIVERED LM 1761lm
PEAK INTENSITY 17521cd

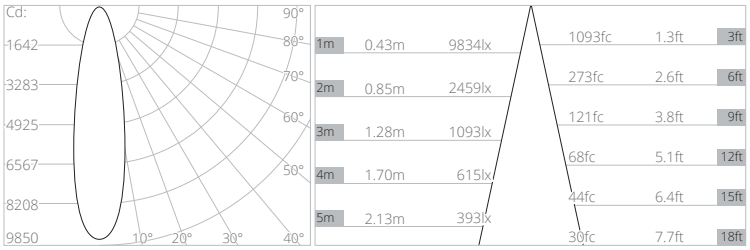




24° BEAM

BEAM ANGLE 24°
DELIVERED LM 2148lm
PEAK INTENSITY 9834cd

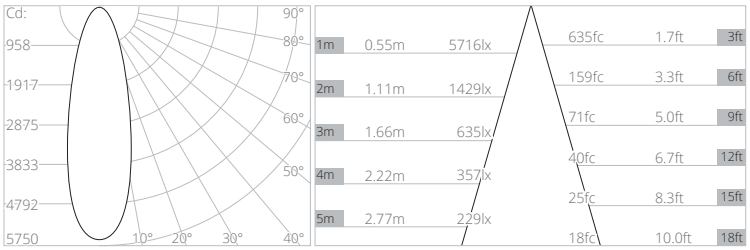




30° BEAM

BEAM ANGLE 30°
DELIVERED LM 2021lm
PEAK INTENSITY 5716cd

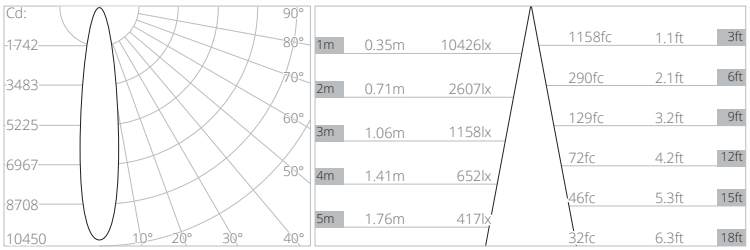




ZOOM 20° NARROWEST BEAM

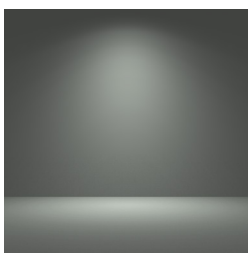
BEAM ANGLE 20°
DELIVERED LM 1792lm
PEAK INTENSITY 10426cd

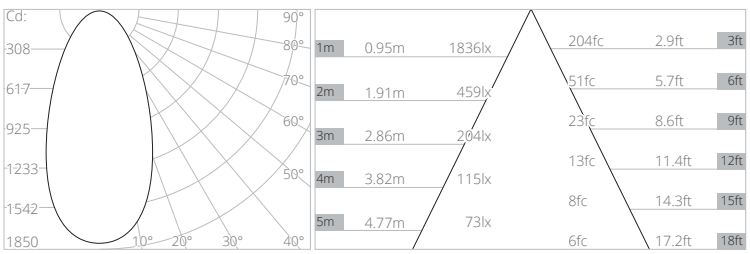




ZOOM 50° WIDEST BEAM

BEAM ANGLE 50°
DELIVERED LM 1556lm
PEAK INTENSITY 1836cd





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DRX7 - TUNABLE WHITE

RECESSED TRIMMED & TRIMLESS

2800LM LIGHT ENGINE - OUTPUT SCALING

CCT	Multiplier	CRI	R9	Rf	Rg	Max Delivered lm
1800K	-	-	-	-	-	-
2400K	-	-	-	-	-	-
3000K	**1.00**	**92**	**75**	**90**	**99**	**2694lm**
4000K	1.06	91	70	89	99	2855lm
6500K	1.20	91	65	89	98	3232lm

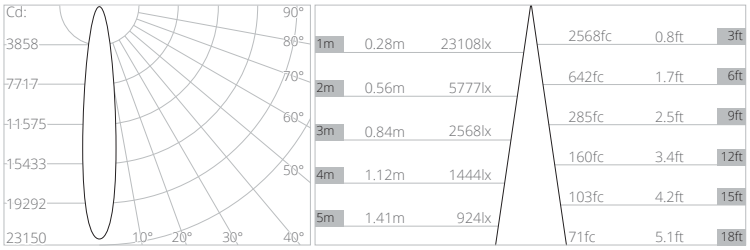
All diagrams and data measured at 3000K

2800LM LIGHT ENGINE - PHOTOMETRY

17° BEAM

BEAM ANGLE 17°
DELIVERED LM 2624lm
PEAK INTENSITY 23108cd

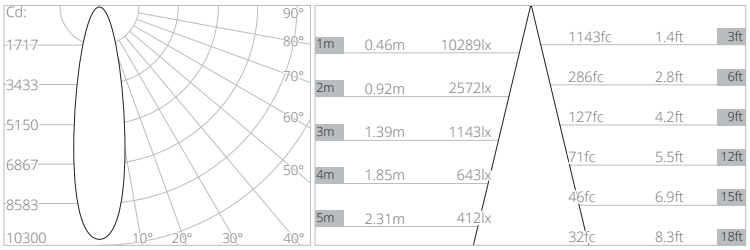




26° BEAM

BEAM ANGLE 26°
DELIVERED LM 2694lm
PEAK INTENSITY 10289cd

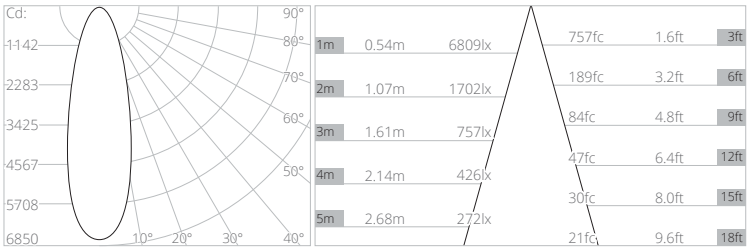




30° BEAM

BEAM ANGLE 30°
DELIVERED LM 2332lm
PEAK INTENSITY 6809cd





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ACCESSORIES

Accessories for 2000lm & 2800lm 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

	2000lm	2800lm	Use
ACCESSORY HOLDER	19094	19094	Accommodates 1 louver plus 1 lens
HONEYCOMB LOUVER	19318	19318	Reduces field beam and glare
NARROW MICROLENS	19095	19095	Light beam softening
MEDIUM MICROLENS	19096	19096	Medium beam softening
WIDE MICROLENS	19097	19097	Heavy beam softening

FEATURE MAP



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