DRX7

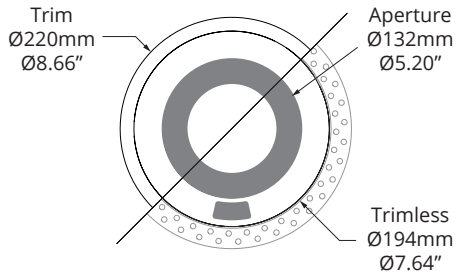
RECESSED TRIMMED & TRIMLESS



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 Tunable White and RGBW - visit their specsheets to learn more.

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



PERFORMANCE DATA

OUTPUT OPTIONS	1900LM		2800LM			
BEAM OPTIONS	7º	10º-55º Zoom[1]	10º	17º	28º	15-50º Zoom[1]
DELIVERED OUTPUT	1904 lm	1958 lm[1]	2799 lm	2794 lm	2601 lm	2625 lm[1]
PEAK INTENSITY	82,063 cd	48,045 cd[1]	66,035 cd	23,948 cd	8,124 cd	31,421 cd[1]
LED ARRANGEMENT	Single source		Single source			
LED WATTAGE	25 W		35 W			
EFFICACY	78 lm/W		80 lm/W			
DYNAMIC WATTAGE	34.4 W [2]		46.3 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
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*	**27K** *2700K*	**19** *1900LM*	**UN** *Ultra Narrow 7º*	**230** *230V 50/60Hz*	**HAND** *Controller Only* [1]	**WH** *White* [4]
	TL *Trimless*	**30K** *3000K*		**ZO** *Zoom 10-55º*	**UNICP** *120-277V Chicago Plenum IC Housing*	**010V** *0-10V* [2]	**BK** *Black* [4]
		40K *4000K*				**DALI** *DALI* [3]	
						DMX *DMX*	
			28 *2800LM*	**NA** *Narrow 10º*		**RCLC** *RCL Control*	
				ME *Medium 17º*			
				WD *Wide 28º*			
				ZO *Zoom 15-50º*			

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

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

RCLPLLSALES@LUMINII.COM
LUMINII.COM | RCLIGHTING.COM

42 RIVERSIDE ROAD
LONDON SW17 0BA
020 8947 6616

DC250909

DRX7

RECESSED TRIMMED & TRIMLESS

DRX7 TRIMMED



White



Black

DRX7 TRIMLESS



White



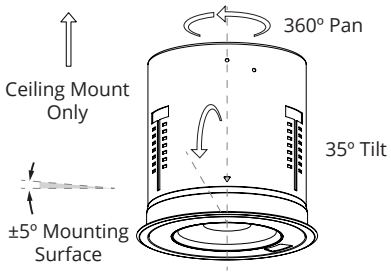
Black

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

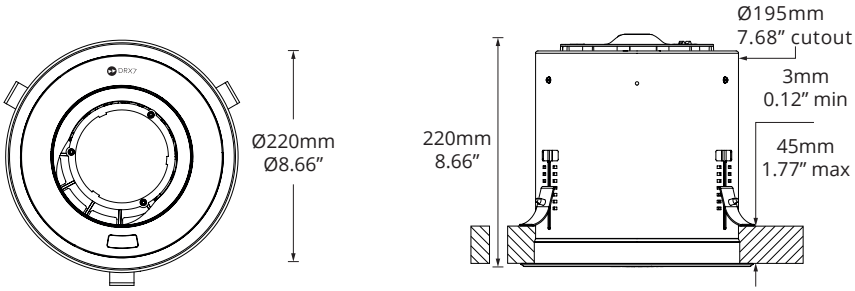
RCLPLLSALES@LUMINII.COM
LUMINII.COM | RCLIGHTING.COM

42 RIVERSIDE ROAD
LONDON SW17 0BA
020 8947 6616

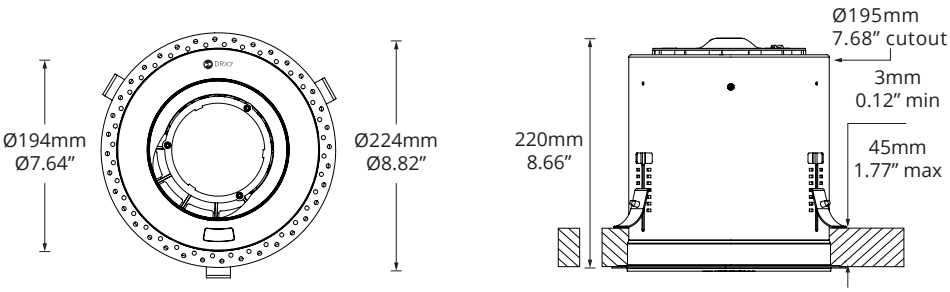
INSTALLATION CLEARANCE AND ARTICULATION



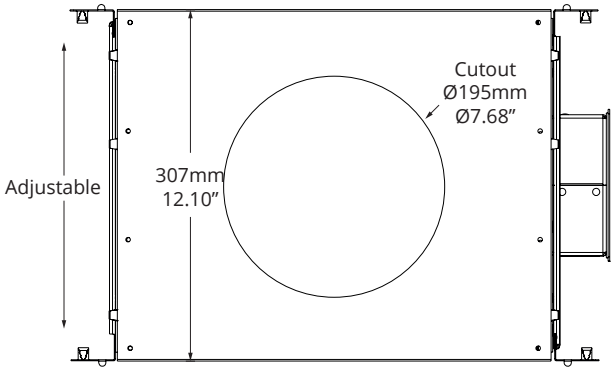
DRX7 TRIMMED



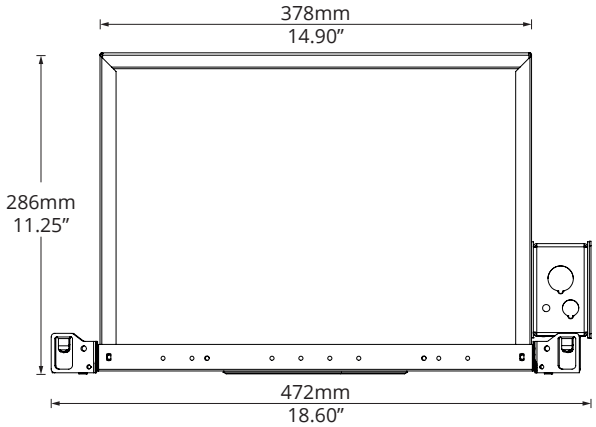
DRX7 TRIMLESS



120V / 277V IC HOUSING FOR NORTH AMERICA



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



Chicago Plenum rated by default.

RCLPLLSALES@LUMINII.COM
LUMINII.COM | RCLIGHTING.COM

42 RIVERSIDE ROAD
LONDON SW17 0BA
020 8947 6616

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.

RCLPLLSALES@LUMINII.COM
LUMINII.COM | RCLIGHTING.COM

42 RIVERSIDE ROAD
LONDON SW17 0BA
020 8947 6616

1900LM LIGHT ENGINE - OUTPUT SCALING

CCT	Multiplier	CRI	R9	Rf	Rg	Max Delivered lm
2400K	-	-	-	-	-	N/A
2700K	1.00	92	50	90	99	1958lm
3000K	**1.00**	**92**	**50**	**90**	**99**	**1958lm**
3500K	-	-	-	-	-	N/A
4000K	1.15	92	50	90	98	2252lm

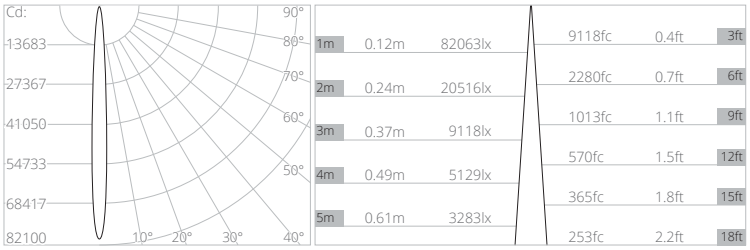
All diagrams and data measured at 3000K

1900LM LIGHT ENGINE - PHOTOMETRY

7° BEAM

BEAM ANGLE 7°
DELIVERED LM 1904lm
PEAK INTENSITY 82063cd

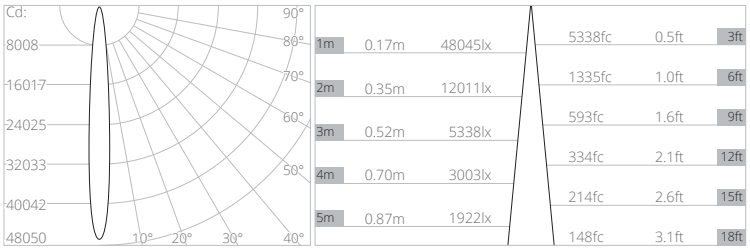




ZOOM 10° NARROWEST BEAM

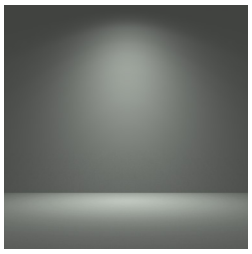
BEAM ANGLE 10°
DELIVERED LM 1958lm
PEAK INTENSITY 48045cd

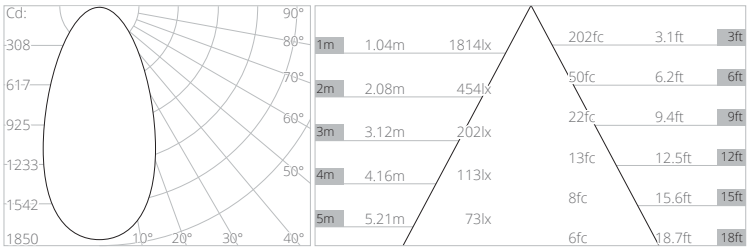




ZOOM 55° WIDEST BEAM

BEAM ANGLE 55°
DELIVERED LM 1719lm
PEAK INTENSITY 1814cd





RCLPLLSALES@LUMINII.COM
LUMINII.COM | RCLIGHTING.COM

42 RIVERSIDE ROAD
LONDON SW17 0BA
020 8947 6616

2800LM LIGHT ENGINE - OUTPUT SCALING

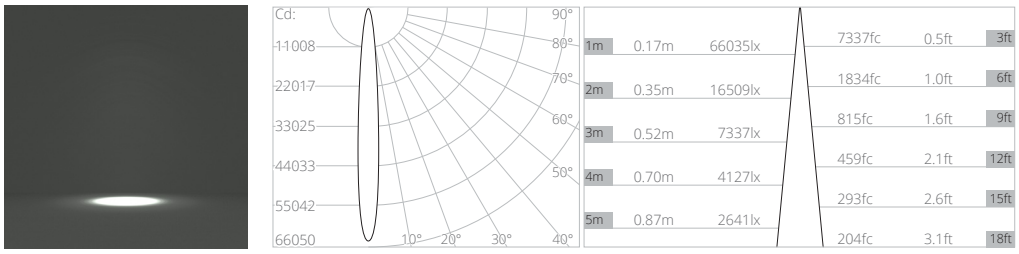
CCT	Multiplier	CRI	R9	Rf	Rg	Max Delivered lm
2400K	-	-	-	-	-	N/A
2700K	0.93	92	50	90	99	2603lm
3000K	**1.00**	**92**	**50**	**90**	**99**	**2799lm**
3500K	-	-	-	-	-	N/A
4000K	1.07	92	50	90	98	2995lm

All diagrams and data measured at 3000K

2800LM LIGHT ENGINE - PHOTOMETRY

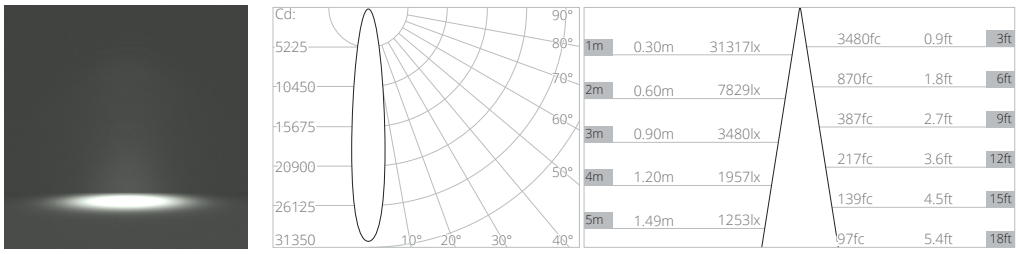
10° BEAM

BEAM ANGLE 10°
DELIVERED LM 2799lm
PEAK INTENSITY 66035cd



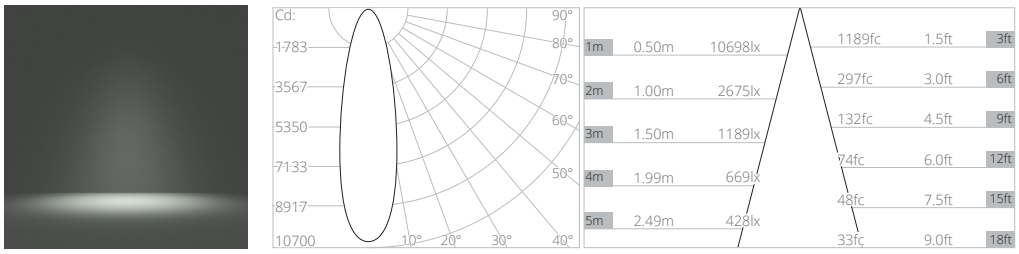
17° BEAM

BEAM ANGLE 17°
DELIVERED LM 2794lm
PEAK INTENSITY 23948cd



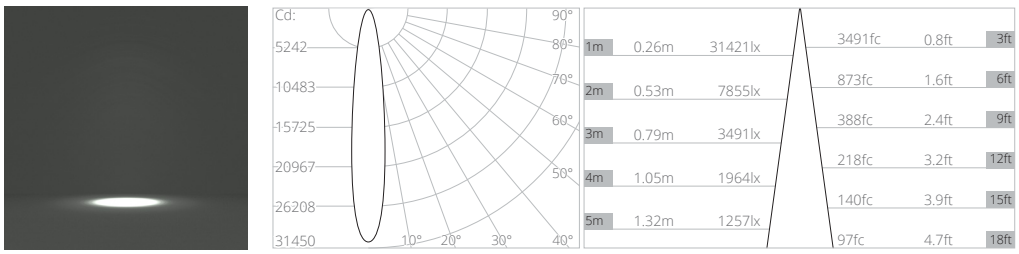
28° BEAM

BEAM ANGLE 28°
DELIVERED LM 2601lm
PEAK INTENSITY 8124cd



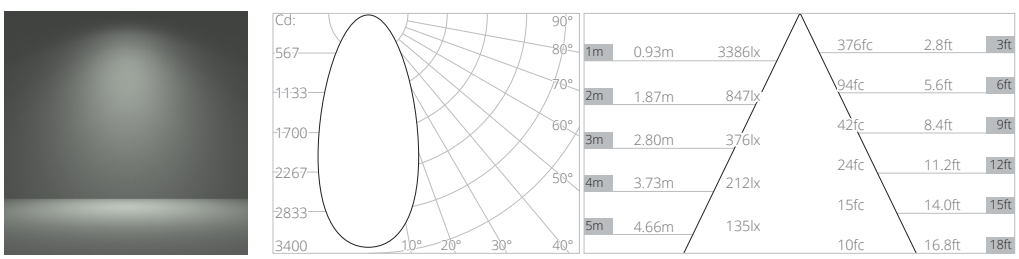
ZOOM 15° NARROWEST BEAM

BEAM ANGLE 15°
DELIVERED LM 2625lm
PEAK INTENSITY 31421cd



ZOOM 50° WIDEST BEAM

BEAM ANGLE 50°
DELIVERED LM 2310lm
PEAK INTENSITY 2460cd



RCLPLLSALES@LUMINII.COM
LUMINII.COM | RCLIGHTING.COM

42 RIVERSIDE ROAD
LONDON SW17 0BA
020 8947 6616

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

	1900lm	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



RCLPLLSALES@LUMINII.COM
LUMINII.COM | RCLIGHTING.COM

42 RIVERSIDE ROAD
LONDON SW17 0BA
020 8947 6616