

PROJECT:  
CAT.NO:  
NOTES:

DATE:  
TYPE:  
VOLTS:

**ARCLUX**  
SERIES

# LDXR

Linear . Direct . Recessed



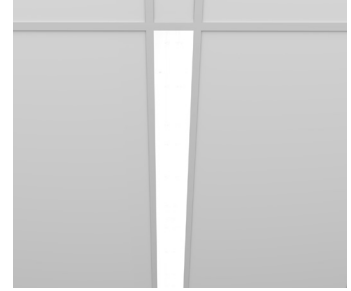
## GENERAL DESCRIPTION

**LED luminaire** for **recessed** installation.

Features a minimalistic and clean design providing a superior quality of lighting.

Ideal for commercial or architectural environments.

Row mounting available, consult factory.



2019-06-05

## CONSTRUCTION

Extruded aluminum body.

## FINISH

Standard finish is high gloss white polyester baked powder coat enamel.



Other colours available. Consult factory.

## CERTIFICATION

Approved to UL1598 and CSA C22.2 No. 250 standards\*\*  
Suitable for damp locations.



\*LED Five (5) year limited warranty.

\*\*Normal temperature: -20 degrees Celsius to +25 degrees Celsius.

## SHIELDING

Snap-in flat frosted acrylic lens.

## ELECTRICAL

3000K 3500K 4000K 5000K

120V - 277V 347V

L80 performance at 60,000 hours minimum. 80 CRI Standard.  
Other dimming options, lumen options, 90CRI and lengths available.  
Consult factory.

Specifications are subject to change.  
Please confirm latest specifications prior to placing order.

## ORDERING INFORMATION

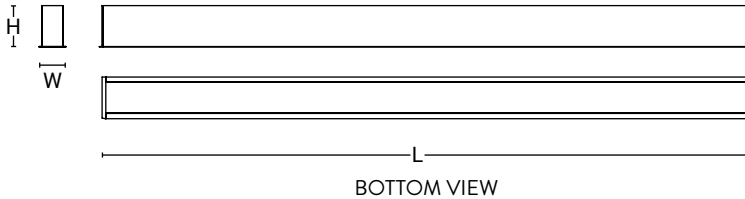
LDXR	WIDTH	LENGTH	MOUNTING	LUMENS	CCT	FA	SHIELDING	DRIVER
	40 = 40mm (1.57")	2 = 2ft 4 = 4ft	T = Trim *T-Bar and Drywall	80 = 800lm/ft 100 = 1000lm/ft 120 = 1200lm/ft	30K = 3000K 35K = 3500K 40K = 4000K 50K = 5000K	FA = Snap-in Flat Frosted Acrylic		MV = Standard 120V-277V Dimming (0-10V)  347 = Standard 347V Dimming (0-10V)  *emergency driver available, consult factory

# LDXR

## DIMENSIONS

2019-06-05

SIZE	L	W	H	MTG L	MTG W
<b>LDXI-40</b>					
2FT	23.75"	1.55"	4.70"	24.00"	2.50"
4FT	47.75"	1.55"	4.70"	48.00"	2.50"
8FT	95.75"	1.55"	4.70"	96.00"	2.50"
<b>LDXI-60</b>					
2FT	23.75"	2.35"	3.40"	24.00"	3.25"
4FT	47.75"	2.35"	3.40"	48.00"	3.25"
8FT	95.75"	2.35"	3.40"	96.00"	3.25"
<b>LDXI-95</b>					
2FT	23.75"	3.75"	5.90"	24.00"	4.75"
4FT	47.75"	3.75"	5.90"	48.00"	4.75"
8FT	95.75"	3.75"	5.90"	96.00"	4.75"



## ANATOMY

### HIGH PERFORMANCE LENS

Snap-in flat frosted acrylic lens

### ALUMINUM EXTRUDED HOUSING

Standard finish is high gloss white polyester baked powder coat enamel

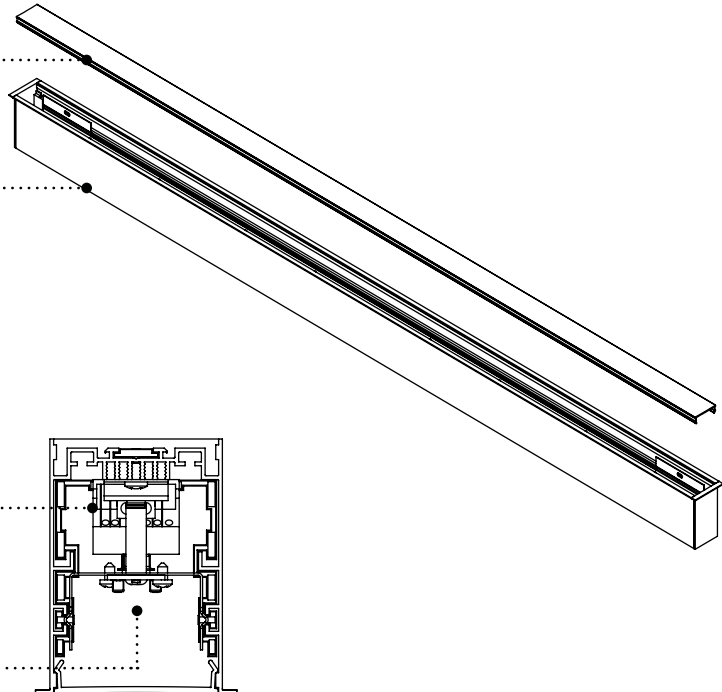
\*Other colours available. Consult factory.

### LED DRIVER

Dimming 0-10V

### LED LIGHT ENGINE

Mounted on internal high reflectance white painted reflector



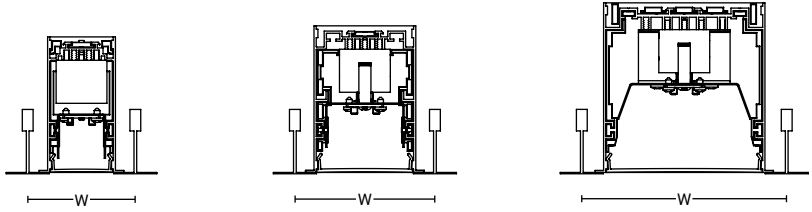
# LDXR

## SIZES

2019-06-06

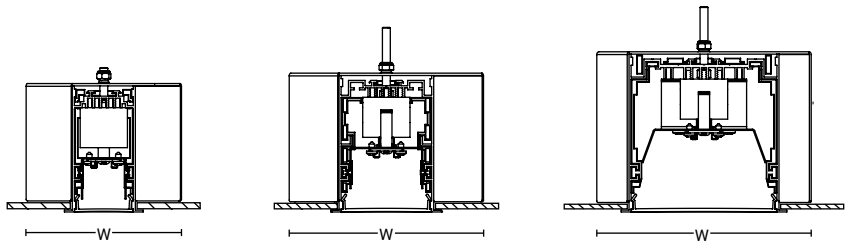
### TRIM T-BAR CEILING CUT OUT SIZES

SIZE	W
LDXR-40	2.50"
LDXR-60	3.25"
LDXR-95	4.75"



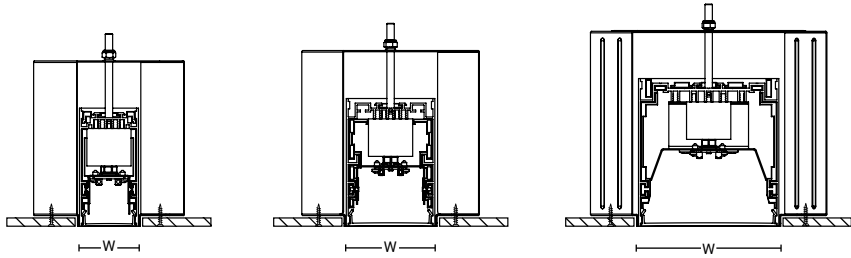
### TRIM DRY WALL CUT OUT SIZES

SIZE	W
LDXR-40	1.75"
LDXR-60	2.50"
LDXR-95	4.00"



### TRIMLESS DRY WALL CUT OUT SIZES

SIZE	W
LDXR-40	1.57"
LDXR-60	2.36"
LDXR-95	3.74"



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## WATTAGE & EFFICACY

2019-06-06

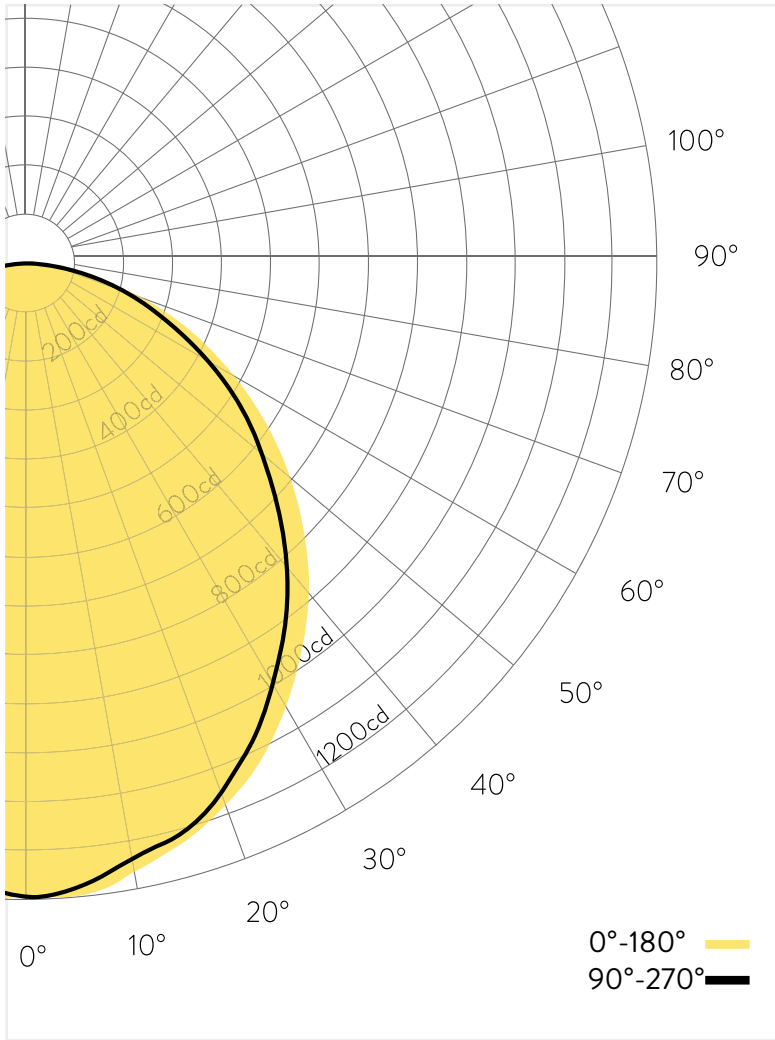
CATALOGUE NUMBER	LUMENS (lm)	CCT (K)	WATTAGE (W)	EFFICACY (lm/W)
LDXR-40-2-T-100-40K	1000lm/ft	4000K	22	91
LDXR-40-4-T-100-40K	1000lm/ft	4000K	43	94
LDXR-40-6-T-100-40K	1000lm/ft	4000K	64	94
LDXR-40-8-T-100-40K	1000lm/ft	4000K	84	96
LDXR-60-2-T-100-40K	1000lm/ft	4000K	19	106
LDXR-60-4-T-100-40K	1000lm/ft	4000K	36	112
LDXR-60-6-T-100-40K	1000lm/ft	4000K	53	112
LDXR-60-8-T-100-40K	1000lm/ft	4000K	72	112
LDXR-95-2-T-100-40K	1000lm/ft	4000K	18	114
LDXR-95-4-T-100-40K	1000lm/ft	4000K	33	121
LDXR-95-6-T-100-40K	1000lm/ft	4000K	49	122
LDXR-95-8-T-100-40K	1000lm/ft	4000K	66	121

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CAT NO: LDXR-60-8-80-35K



## ZONAL LUMEN SUMMARY

Zone	Lumens
0.00° - 10.00°	144.94
10.00° - 20.00°	338.36
20.00° - 30.00°	500.25
30.00° - 40.00°	580.92
40.00° - 50.00°	577.11
50.00° - 60.00°	500.24
60.00° - 70.00°	363.83
70.00° - 80.00°	189.38
80.00° - 90.00°	43.72
90.00° - 100.00°	1.44
100.00° - 110.00°	0.00
110.00° - 120.00°	0.00
120.00° - 130.00°	0.00
130.00° - 140.00°	0.00
140.00° - 150.00°	0.00
150.00° - 160.00°	0.00
160.00° - 170.00°	0.00
170.00° - 180.00°	0.00
0.00° - 90.00°	3,238.75
90.00° - 180.00°	1.44
0.00° - 180.00°	3,238.75

## CONE OF LIGHT

Mtg Height	Light Level	Beam Diameter
6.0 ft	35.9 fc	14.6 ft
8.0 ft	20.2 fc	19.4 ft
10.0 ft	12.9 fc	24.3 ft
12.0 ft	9.0 fc	29.1 ft
15.0 ft	5.8 fc	36.4 ft

## AVERAGE LUMINAIRE LUMINANCE (CD/M<sup>2</sup>)

	0.00°	45.00°	90.00°
0.00°	17,618	17,618	17,618
45.00°	14,242	6,996	5,651
55.00°	12,843	5,262	4,088
65.00°	11,137	3,599	2,696
75.00°	8,014	1,866	1,329
85.00°	3,256	353	247

## INDOOR CU TABLE

	<b>pfc</b>	20.00%	20.00%	20.00%	20.00%	20.00%	20.00%	20.00%	20.00%	20.00%	20.00%	20.00%	20.00%	20.00%	20.00%
	<b>pcc</b>	80.00%	80.00%	80.00%	80.00%	70.00%	70.00%	70.00%	70.00%	50.00%	50.00%	50.00%	30.00%	30.00%	10.00%
	<b>pw</b>	70.00%	50.00%	30.00%	10.00%	70.00%	50.00%	30.00%	10.00%	50.00%	30.00%	10.00%	50.00%	30.00%	50.00%
	<b>0.00</b>	85.22	85.22	85.22	85.22	83.24	83.24	83.24	83.24	79.53	79.53	79.53	76.14	76.14	73.03
	<b>1.00</b>	78.23	74.97	72.04	69.41	76.30	73.35	70.69	68.28	70.31	68.12	66.12	67.52	65.74	64.95
	<b>2.00</b>	71.38	65.69	60.99	57.04	69.52	64.35	60.02	56.36	61.81	58.18	55.04	59.48	56.45	57.32
	<b>3.00</b>	65.26	57.95	52.29	47.78	63.51	56.82	51.57	47.34	54.70	50.20	46.50	52.73	48.90	50.91
	<b>4.00</b>	59.89	51.53	45.41	40.74	58.27	50.59	44.87	40.45	48.80	43.83	39.89	47.14	42.83	45.60
<b>RCR</b>	<b>5.00</b>	55.19	46.20	39.91	35.27	53.70	45.40	39.49	35.08	43.89	38.68	34.69	42.48	37.90	41.16
	<b>6.00</b>	51.06	41.71	35.44	30.94	49.70	41.04	35.11	30.80	39.75	34.47	30.53	38.55	33.85	37.43
	<b>7.00</b>	47.42	37.92	31.76	27.45	46.19	37.35	31.50	27.34	36.25	30.98	27.14	35.22	30.48	34.26
	<b>8.00</b>	44.21	34.69	28.70	24.58	43.10	34.19	28.48	24.50	33.25	28.06	24.35	32.37	27.65	31.53
	<b>9.00</b>	41.36	31.90	26.11	22.20	40.35	31.48	25.93	22.14	30.66	25.59	22.03	29.90	25.25	29.18
	<b>10.00</b>	38.82	29.49	23.91	20.20	37.91	29.12	23.76	20.15	28.42	23.47	20.06	27.75	23.19	27.12