

GENERAL DESCRIPTION

LED luminaire for recessed installation. Custom configurations, corners and patterns available, consult factory. Features a minimalistic and clean design providing a superior quality of lighting. Snap-in flat frosted acrylic lens and extruded aluminum body. Ideal for commercial or architectural environments. Row mounting available, consult factory.

CERTIFICATION

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



*LED Five (5) year limited warranty.

**Operating temperature: -20°C to +35°C / -4°F to +95 °F, consult factory for operating temperatures outside the listed range.

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



inside corner - custom configuration

PERFORMANCE SUMMARY

40MM x 4FT AT 4000K

LUMENS (lm/ft)	WATTAGE (W)	EFFICACY (lm/W)
1000lm/ft	43	94

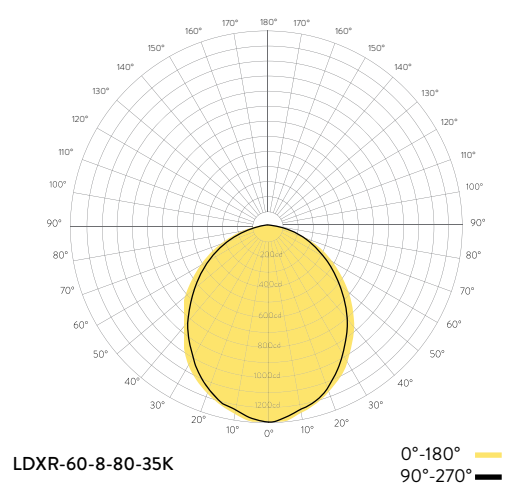
60MM x 4FT AT 4000K

LUMENS (lm/ft)	WATTAGE (W)	EFFICACY (lm/W)
1000lm/ft	36	112

95MM x 4FT AT 4000K

LUMENS (lm/ft)	WATTAGE (W)	EFFICACY (lm/W)
1000lm/ft	33	121

PHOTOMETRIC DATA

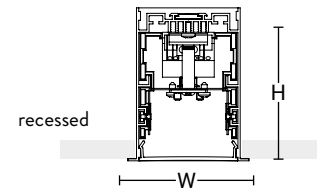


DIMENSIONS

LDXR - 40

SIZE	L	W	H
2FT	23.75"	1.55"	3.15"
4FT	47.75"	1.55"	3.15"
6FT	71.75"	1.55"	3.15"
8FT	95.75"	1.55"	3.15"

MOUNTING / CROSS SECTION

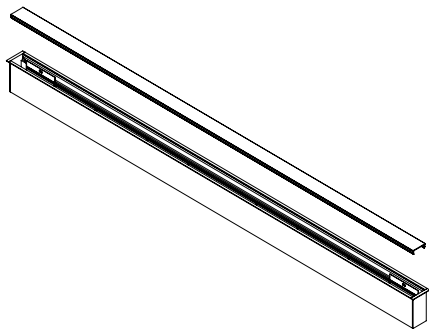


ORDERING INFORMATION

LDXR					FA		
FIXTURE	WIDTH	LENGTH	MOUNTING	LUMENS	CCT	SHIELDING	DRIVER
LDXR = Linear . Direct .	40 = 40mm (1.57")	2 = 2ft	T = Trim t-bar 15/16"	80 = 800lm/ft	30K = 3000K	FA = Flat Frosted Acrylic (Snap-in)	MV = Standard 120V-277V, 1% Dimming (0-10V)
		4 = 4ft	TD = Trim Drywall	100 = 1000lm/ft	35K = 3500K		347 = Standard 347V Dimming (0-10V)
Recessed	60 = 60mm (2.36")	6 = 6ft	TL = Trimless Drywall	120 = 1200lm/ft	40K = 4000K	TW = Tunable White	EM = Emergency Driver
		8 = 8ft	X = custom configurations, corners and patterns available, consult factory				X = DALI, Lutron EcoSystem LED, and other drivers available, consult factory
		95 = 95mm (3.74")	X = row mounting available, consult factory				
						*Other CCT, RGB (Red, Green, Blue LEDs), DM (dim to warm) available, consult factory	



regular corner - custom configuration



SHIELDING

Snap-in flat frosted acrylic lens.

CONSTRUCTION

Extruded aluminum body.

FINISH

High gloss white polyester baked powder coat enamel.



LED LIGHT ENGINE

Mounted on internal high reflectance white painted reflector.

LED DRIVER

1% Dimming (0-10V). Emergency driver available.
DALI (Digital Addressable Lighting Interface), Lutron EcoSystem LED, and other drivers available, consult factory.

ELECTRICAL

3000K 3500K 4000K

120V - 277V 347V

*TW (Tunable White), other CCT, RGB (Red, Green, Blue LEDs), DM (dim to warm) available, consult factory.
L80 performance at 60,000 hours minimum.
80 CRI Standard. Other dimming options, lumen options, 90CRI and lengths available, consult factory.

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DIMENSIONS

LDXI-40

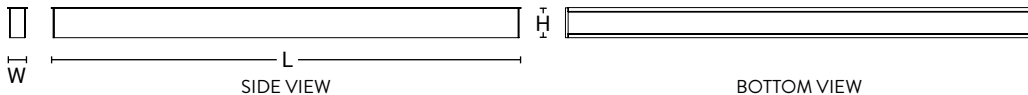
SIZE	L	W	H	MTG L	MTG W
2FT	23.75"	1.55"	3.15"	24.00"	2.50"
4FT	47.75"	1.55"	3.15"	48.00"	2.50"
6FT	71.75"	1.55"	3.15"	72.00"	2.50"
8FT	95.75"	1.55"	3.15"	96.00"	2.50"

LDXI-60

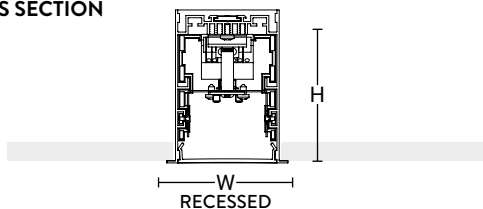
SIZE	L	W	H	MTG L	MTG W
2FT	23.75"	2.35"	3.40"	24.00"	3.25"
4FT	47.75"	2.35"	3.40"	48.00"	3.25"
6FT	71.75"	2.35"	3.40"	72.00"	3.25"
8FT	95.75"	2.35"	3.40"	96.00"	3.25"

LDXI-95

SIZE	L	W	H	MTG L	MTG W
2FT	23.75"	3.75"	3.95"	24.00"	4.75"
4FT	47.75"	3.75"	3.95"	48.00"	4.75"
6FT	71.75"	3.75"	3.95"	72.00"	4.75"
8FT	95.75"	3.75"	3.95"	96.00"	4.75"



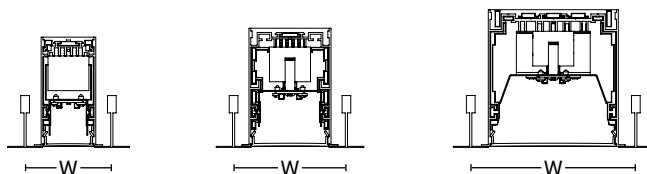
MOUNTING / CROSS SECTION



CUT OUT SIZES

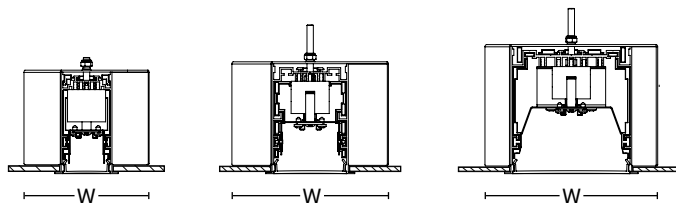
TRIM T-BAR CEILING

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



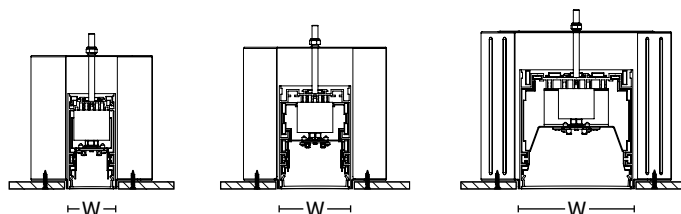
TRIM DRY WALL

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

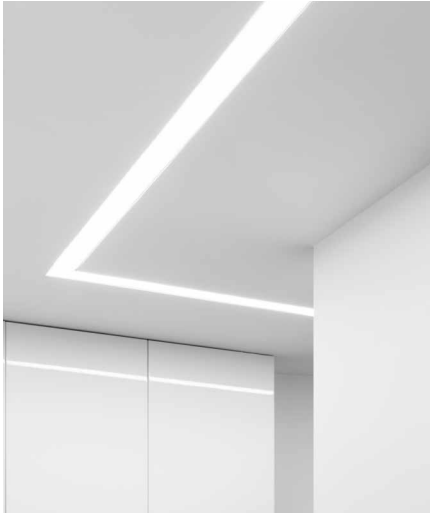


TRIMLESS DRY WALL

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



CUSTOM CONFIGURATIONS, CORNERS AND PATTERNS



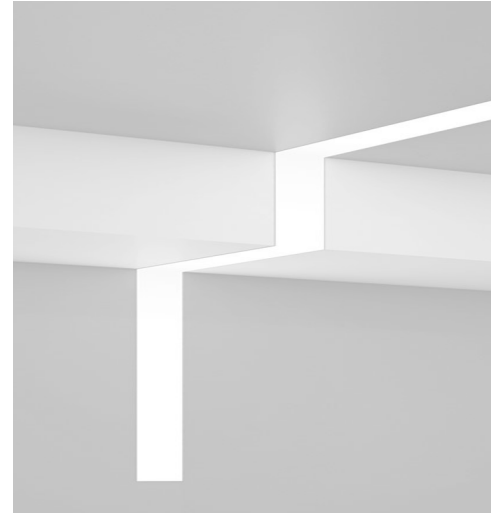
REGULAR CORNER

90 degree corner that lies in the same plane as the ceiling or wall.



INSIDE CORNER

Runs up the wall, then across the ceiling.

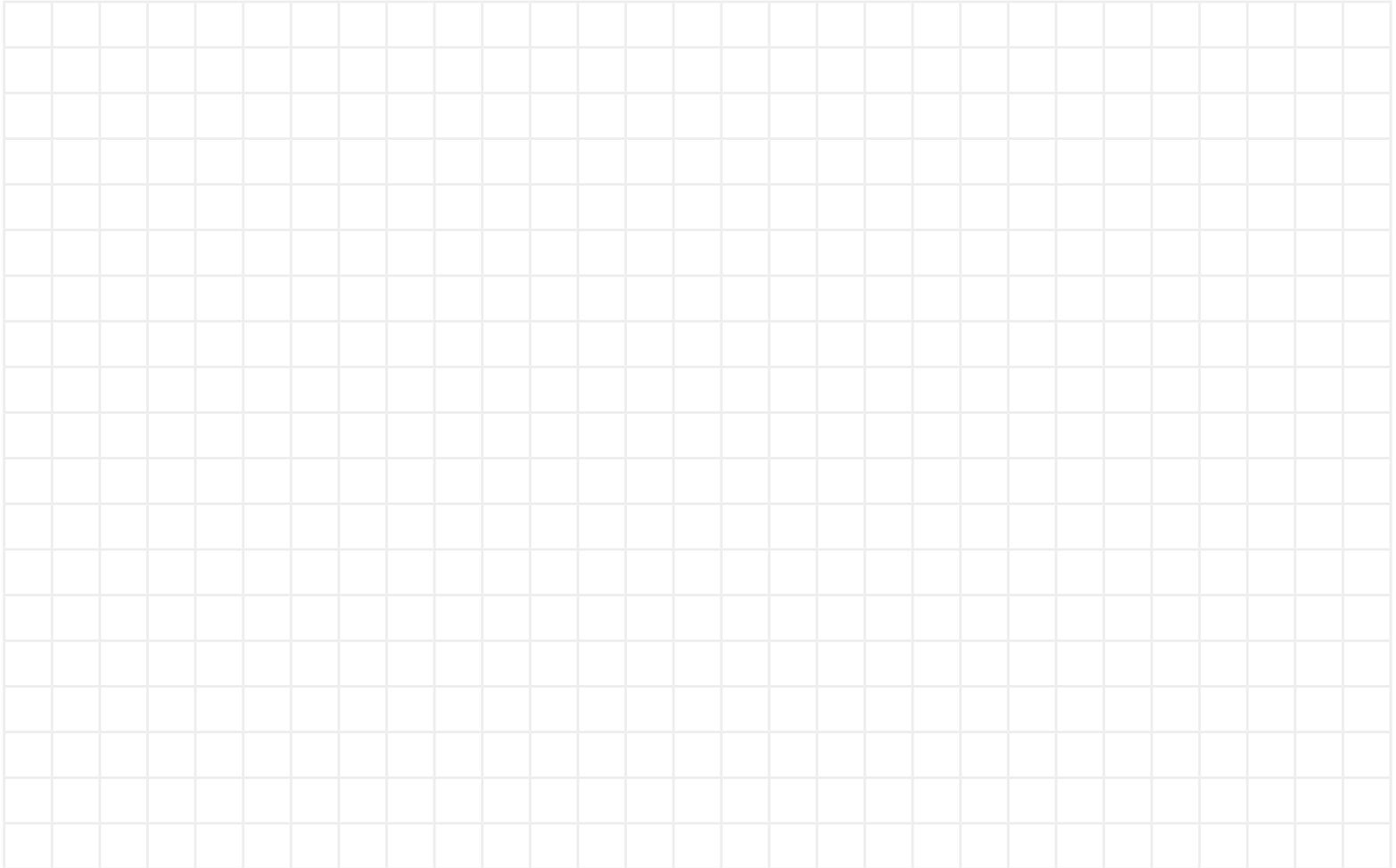


OUTSIDE CORNER

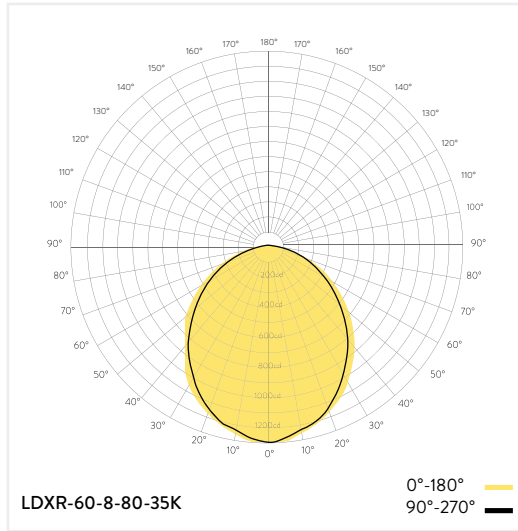
Runs across the ceiling then up a bulkhead.

CUSTOM CONFIGURATIONS

Create your custom configuration using the grid below. Indicate dimensions and angles degree.



RECESSED / WALL MOUNTED



ZONAL LUMEN SUMMARY

Zone	Lumens
0.00°-10.00°	144.94
10.00°-20.00	228.36
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	3238.75
90.00°-180.00	1.44
0.00°-180.00	3238.75

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/M2)

	0.00°	45.00°	90.00°
0.00°	17618	17618	17618
45.00°	14242	6996	5651
55.00°	12843	5262	4088
65.00°	11137	3599	2696
75.00°	8014	1866	1329
85.00°	3256	353	247

WATTAGE & EFFICACY - 40MM WIDTH

LDXR-40-2-T-100-40K	1000lm/ft	4000K	22W	91lm/W
LDXR-40-4-T-100-40K	1000lm/ft	4000K	43W	94lm/W
LDXR-40-6-T-100-40K	1000lm/ft	4000K	64W	94lm/W
LDXR-40-8-T-100-40K	1000lm/ft	4000K	84W	96lm/W

WATTAGE & EFFICACY - 60MM WIDTH

LDXR-60-2-T-100-40K	1000lm/ft	4000K	19W	106lm/W
LDXR-60-4-T-100-40K	1000lm/ft	4000K	36W	112lm/W
LDXR-60-6-T-100-40K	1000lm/ft	4000K	53W	112lm/W
LDXR-60-8-T-100-40K	1000lm/ft	4000K	72W	112lm/W

WATTAGE & EFFICACY - 95MM WIDTH

LDXR-95-2-T-100-40K	1000lm/ft	4000K	18W	114lm/W
LDXR-95-4-T-100-40K	1000lm/ft	4000K	33W	121lm/W
LDXR-95-6-T-100-40K	1000lm/ft	4000K	49W	122lm/W
LDXR-95-8-T-100-40K	1000lm/ft	4000K	66W	121lm/W