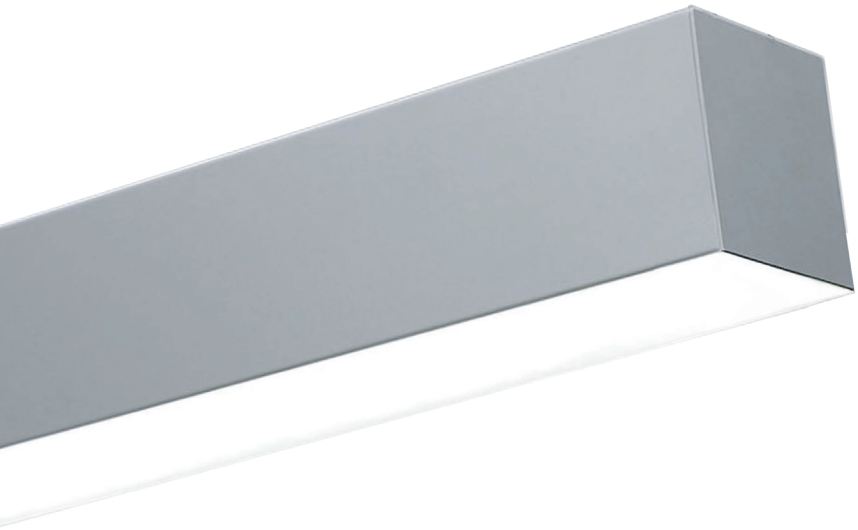
Advantage. Environmental Lighting

XDL24R 2.5" x 4.5" Linear Recessed



PROJECT

CATALOG #

TYPE

Highlights

Tool-Less Entry
High efficacy and lifespan LEDs
Recessed, Flanged, and
Flangeless Trim mounting

Description
The XDL is a recessed LED linear fixture, design with quality craftsmanship. Engineered for quick and easy tool-less installation. The XDL series provides clean lines, smooth continuous runs, and tight lens fitment. Available in continuous runs and custom angles and lengths.

Construction
Constructed of a precision cut, proprietary aluminum extrusion with flat end caps. Internal joiner system. Available in any length with a 2' minimum.

Tool-less Entry
LED Board tray clips in with quick release holders, and held on by tethers. Releasing the clips drops and holds the board tray, allowing quick, tool-less, and easy wiring of the fixture.

Mounting
Lay-in grid fixtures fit 9/16 and 15/16 standard T-grids. Flanged mounting and flangeless trim mounting options include innovative top mount bracket to support the fixture.

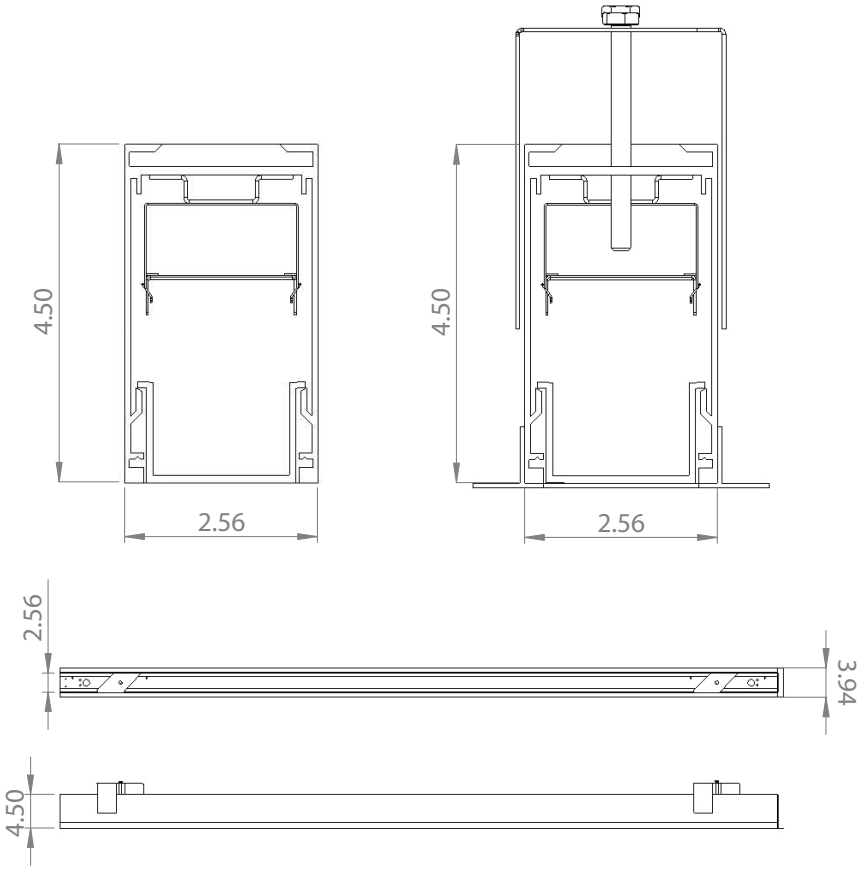
LEDs
High Output LEDs are available in 2700K, 3000K, 3500K, 4000K, and 5000K color temperatures. Integral LEDs are rated for at least 100K life hours (L70).

Optics
Snap-in satin acrylic lens fully diffuses the appearance of the LEDs and provides excellent light transmission.

Driver
0-10V dimming driver included standard. Driver options available for 1% dimming, Lutron EcoSystem, and DALI.

Finish
Matte white finish standard. Custom finish options are available in various RAL colors.

Options
Various options are available. If additional or custom options are needed, consult factory.



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XDL24R 2.5" x 4.5" Linear Recessed

ORDERING INFORMATION

Example: XDL24R-L-40-10L-M-W-4
With options: XDL24R-L-40-10L-M-W-4-12EBL

Fixture	Mounting	CCT	Output	Voltage	Finish	Length
XDL24R	■ **L** *Lay-in Grid*	■ **27** *2700K*	■ **5L** *500 Lm/Ft*	■ **M** *Multi-Volt (120-277V)*	■ **W** *Matte White*	■ **2** *2 ft*
	■ **F** *Flanged*	■ **30** *3000K*	■ **7L** *700 Lm/Ft*		■ **SP** *Special Finish*	■ **3** *3 ft*
	■ **FT** *Flangeless Trim*	■ **35** *3500K*	■ **10L** *1000 Lm/Ft*			■ **4** *4 ft*
		■ **40** *4000K*	■ **14L** *1400 Lm/Ft*			■ **5** *5 ft*
		■ **50** *5000K*	■ **XXXXL** *XXXX Lm/Ft*			■ **6** *6 ft*
						■ **7** *7 ft*
						■ **8** *8 ft*
						■ **XX** *XX ft*

For special runs, such as wall-to-ceiling, 90 degree or custom angle turns, add desired length after the option.
eg: XDL24R-FT-40-10L-M-W-14-90D-13 for 14 foot to 90 degree turn to 13 foot.

Options: Add to end of part number

Driver Options	Options	Wiring Harness Options
■ **(BLANK)** *0-10V 10% dimming driver*	■ **12EBL** *1200 Lumen Emergency Ballast*	■ **WH34** *3-Wire 4 Foot Wiring Harness*
■ **CD1** *0-10V 1% dimming driver*	■ **EC** *Emergency Circuit*	■ **WH44** *4-Wire 4 Foot Wiring Harness*
■ **CD5** *0-10V 5% dimming driver*	■ **90** *90 CRI*	■ **WH54** *5-Wire 4 Foot Wiring Harness*
■ **EDN** *Non-dimming electronic driver*	■ **90D** *90 Degree Turn*	■ **WH38** *3-Wire 8 Foot Wiring Harness*
■ **DALI** *DALI 1% dimming driver*	■ **90V** *90 Degree Ceiling-to-Wall*	■ **WH48** *3-Wire 8 Foot Wiring Harness*
■ **LDE1** *Lutron Hi-Lume 1% EcoSystem LED Driver*	■ **XXD** *XX Degree turn (90 to 60 degrees)*	■ **WH58** *3-Wire 8 Foot Wiring Harness*
■ **LDE5** *Lutron 5-Series 5% EcoSystem LED Driver*		

XDL24R 2.5" x 4.5" Linear Recessed

SPECIFICATIONS

LED Information

Output	5L	7L	10L	14L
Lumens/Ft*	500	700	1000	1400
System Wattage/Ft	3.125W	4.375W	6.25W	8.75W
Efficacy (Lm/W)	160	160	160	160
CRI	>82	>82	>82	>82
Dimming	0-10V	0-10V	0-10V	0-10V
Color Consistency	>3 SDCM	>3 SDCM	>3 SDCM	>3 SDCM
Rated Life (L70)	>100,000 hrs	>100,000 hrs	>100,000 hrs	>100,000 hrs

** Lumen output was calculated with 4000K LEDs.*

Lumen Adjustment Factors 80 CRI

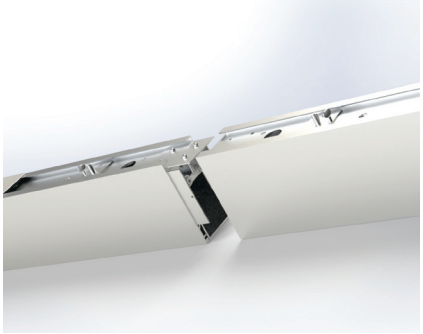
CCT	2700K	3000K	3500K	4000K	5000K
Adjustment	93.5%	95.2%	96.8%	100.0%	103.0%

Lumen Adjustment Factors 90 CRI

CCT	2700K	3000K	3500K	4000K	5000K
Adjustment	77.5%	79.2%	80.8%	85.1%	87.3%

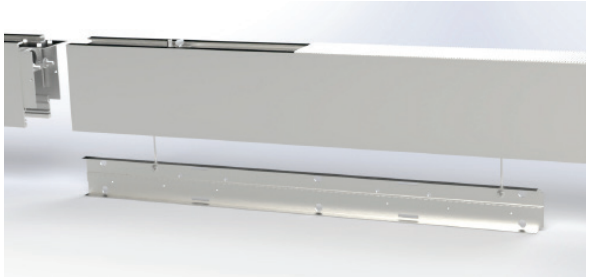
Innovative Features

- Light trap prevents light leaks



- Board tray quick-release holders

- Board tray connected with tethers



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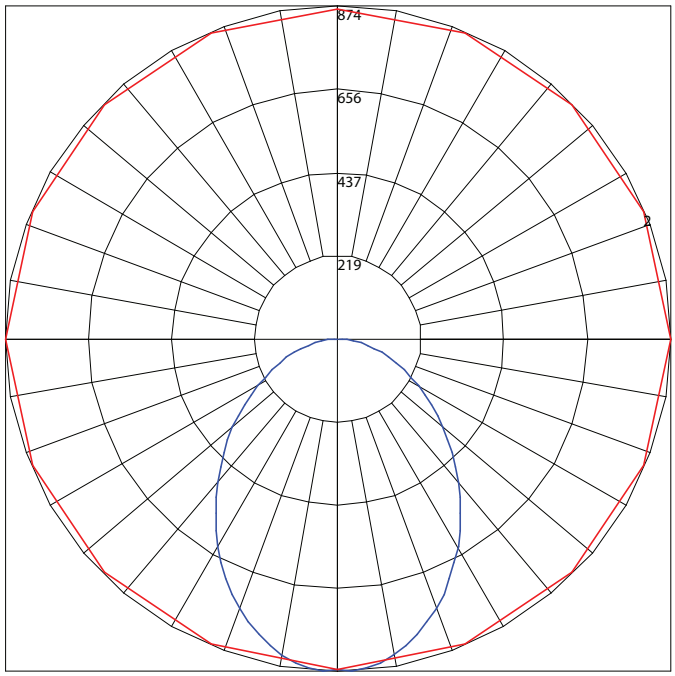
XDL24R 2.5" X 4.5" LED Recessed 5L Output



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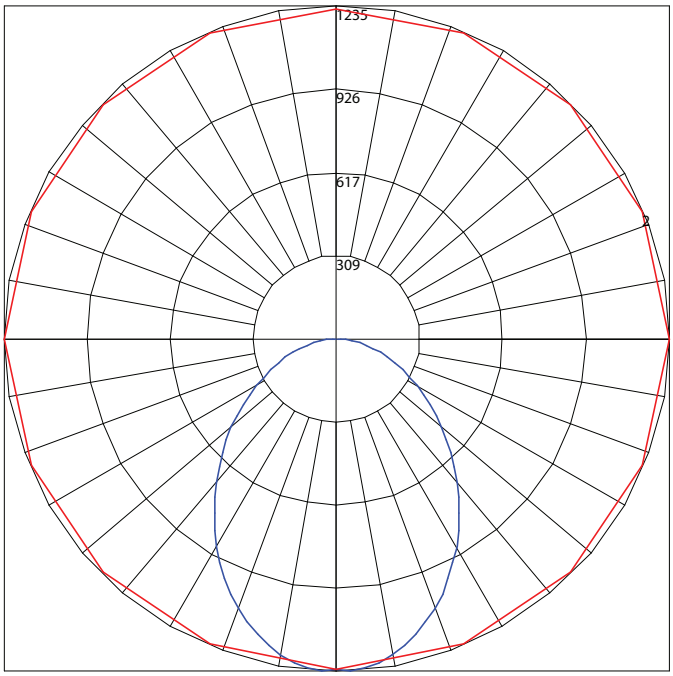
XDL24R 2.5" X 4.5" LED Recessed 7L Output



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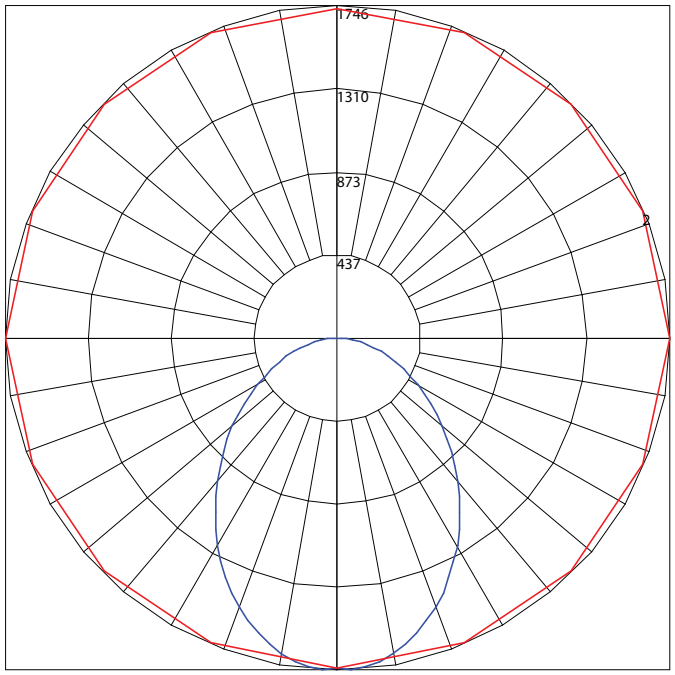
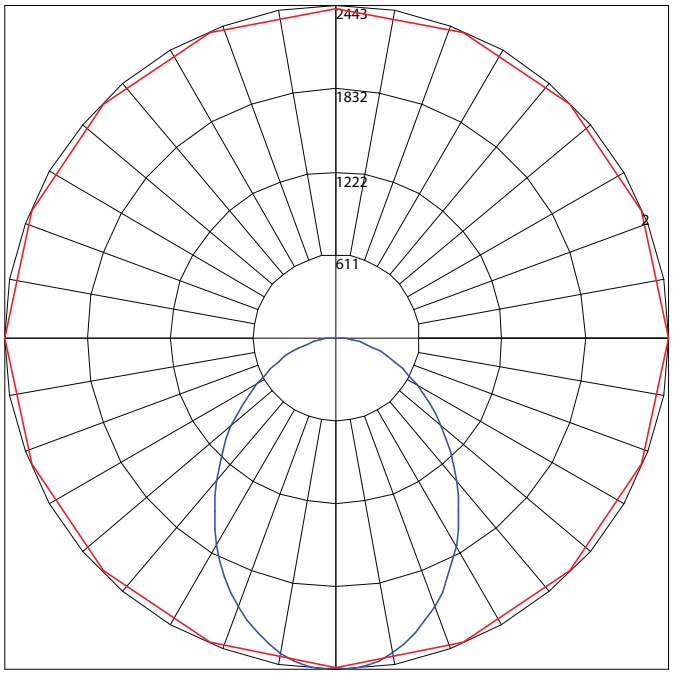
XDL24R 2.5" X 4.5" LED Recessed 10L Output



File Name: XDL24R-X-40-14L-M-W-4.IES
XDL24R 2.5" X 4.5" LED Recessed 14L Output