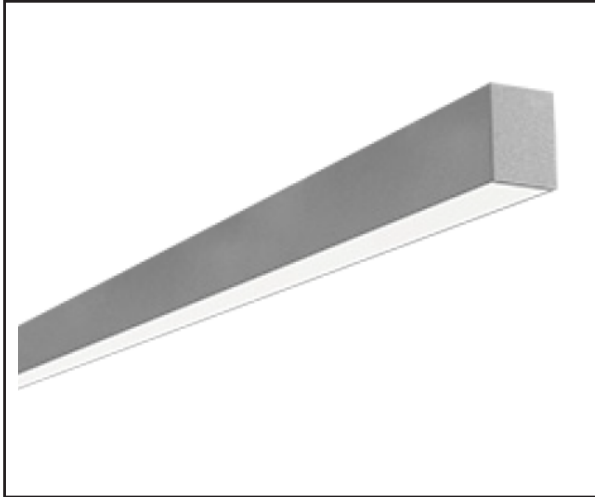


## LDL24RA

2.5"x4.5" LED Recessed Aluminum Designer LED



### PRODUCT SPECIFICATIONS

#### DESCRIPTION:

The LDL24RA is an architecturally designed Recessed Aluminum LED Luminaire that is classically styled and fit for any interior. It is available for continuous run mounting.

#### APPLICATIONS:

The LDL24RA LED Luminaires were designed to be high quality, energy efficient LED fixtures for use in commercial applications, offices, hotel lobbies, museums, government facilities, schools, and public areas.

#### CONSTRUCTION:

The LDL24RA is constructed of a 2.5" wide aluminum body. The LDL24RA is available in any run length withing 1' increments. Heavy duty housing crimped along sides for extra rigidity and straight alignment.

#### OPTICAL SYSTEM:

High output LED's available in 3000K, 3500K, 4000K, and 5000K. CRI>82. Satin lens. White polyester polymer finish with a high reflectivity.

#### ELECTRICAL SYSTEM:

Electronic drivers are available for 120/277V applications, 0-10v dimming included standard. Long-life LED system rated for >100,000 life hours (L70@25 ° C). Metal gear tray for internal LED driver. Complies with Federal Energy Efficiency Standards.

#### MOUNTING:

This fixture is designed to be recess mounted. Continuous run available.

#### LISTINGS:

Independently tested to IESNA LM-79 and LM-80 specifications. UL and cUL Listed.

#### WARRANTY:

5-Year Limited Warranty. Complete warranty and terms located at <http://www.AELnow.com/warranty>

### ORDERING INFORMATION

Example: LDL24RAL40SSMW4

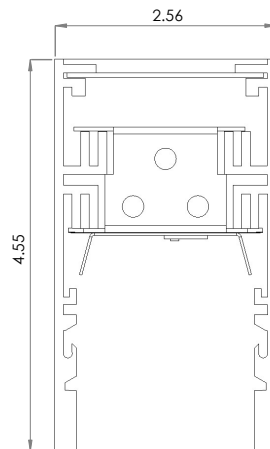
SERIES	MOUNTING	COLOR TEMP	OUTPUT	LENS	VOLTAGE	FINISH
LDL24RA	L Lay-in Grid	30 3000K	S Standard	S Satin Lens	M 120/277 Multi-Volt	W White SP Special
	F Flanged	35 3500K	HS High Standard			
	FT Flangeless Trim	40 4000K	M Medium			
		50 5000K	HM High Medium			
			VH Very High			

ROW LENGTH	DRIVER OPTIONS	GRID OPTIONS	OPTIONS	WIRING HARNESS OPTIONS
2 2 Feet	BLANK 0-10V Dimming Driver (included standard)	GT1 15/16 Flat T-Bar	EC Emergency Circuit	WH34 3-Wire 4 Feet
3 3 Feet	CD1 0-10V 1% to Off Dimming Driver	GT2 9/16 Flat T-Bar	12EBL 1200 Lumen Emergency Ballast	WH44 4-Wire 4 Feet
4 4 Feet	CD5 0-10V 5% to Off Dimming Driver	GT3 15/16 Flat T-Bar w/Tegular Tiles	90V 90 Degree Ceiling-to-Wall	WH54 5-Wire 4 Feet
5 5 Feet	EDN Electronic Driver Non-Dimming	GT4 9/16 Flat T-Bar w/Tegular Tiles	90H 90 Degree Suspended	WH38 3-Wire 8 Feet
6 6 Feet	FLDD Fifth Light Dali, Dimming	GT5 9/16 Slot Grid	XXV XX Degree Ceiling-to-Wall	WH48 4-Wire 8 Feet
7 7 Feet	LDE1 Lutron Hi-Lume 1% EcoSystem LED driver with Soft-on, Fade-to-Black dimming		XXH XX Degree Suspended	WH58 5-Wire 8 Feet
8 8 Feet	LDE5 Lutron LDE5 5-Series Ecosystem 5% Dimming			
XX XX Feet				

\*If custom lumen outputs are needed, add desired lumens to the end of the part number.\*

Example: LDL24RAL40SSMW41750 for 1750 total lumens.

## DIMENSIONS



## LED SYSTEM DATA

Quick Reference Output Guide Standard		
Length	Lumens	Wattage
2 Foot	1012	6.6
3 Foot	1518	9.9
4 Foot	2024	13.2
6 Foot	3036	19.8
8 Foot	4048	26.4

Quick Reference Output Guide High Standard		
Length	Lumens	Wattage
2 Foot	1418	10.2
3 Foot	2127	15.3
4 Foot	2836	20.4
6 Foot	4254	30.6
8 Foot	5672	40.8

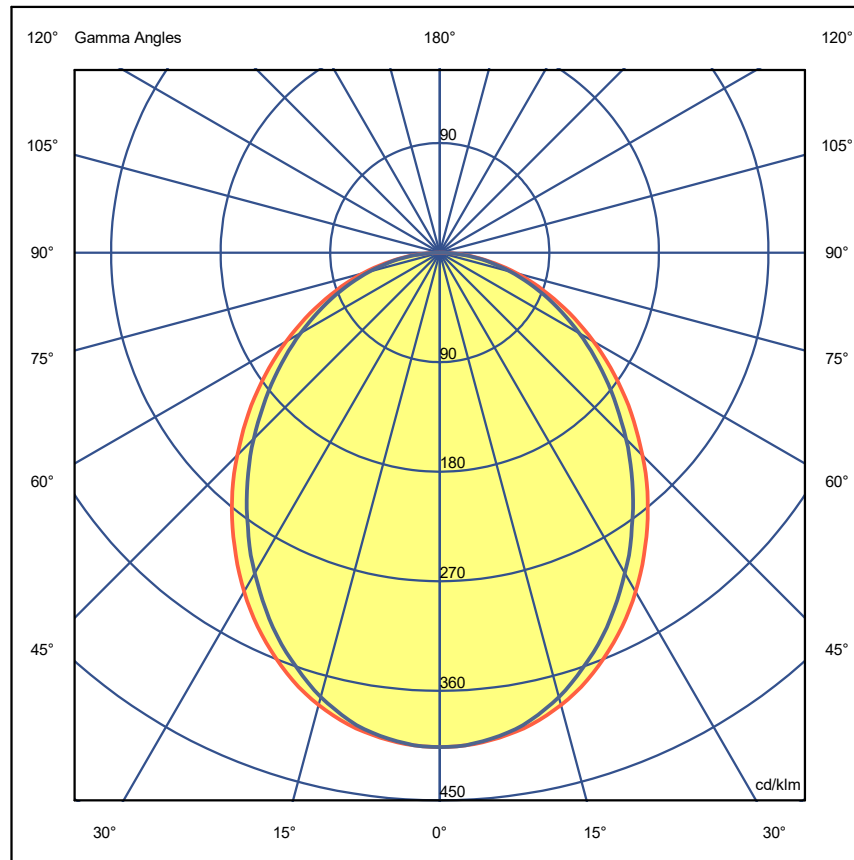
Quick Reference Output Guide Medium		
Length	Lumens	Wattage
2 Foot	1930	13.8
3 Foot	2895	20.7
4 Foot	3860	27.6
6 Foot	5790	41.4
8 Foot	7720	55.2

Quick Reference Output Guide High Medium		
Length	Lumens	Wattage
2 Foot	2936	20.6
3 Foot	4404	30.9
4 Foot	5872	41.2
6 Foot	8808	61.8
8 Foot	11744	82.4

Output	Delivered Lumens Per Foot	System Wattage Per Foot	CRI	LPW
Standard	506 Lm/Ft	3.3	82	148
High Standard	709 Lm/Ft	5.1	82	139
Medium	965 Lm/Ft	6.9	82	140
High Medium	1,468 Lm/Ft	10.3	82	143
Very High	5,000 Lm/Ft	35.7	82	140

Energy and Performance Data	
Input Voltage	120/277 VAC
Standard Dimming Control	0-10V
CCT	3000, 3500, 4000, 5000 Kelvin
CRI	82 (minimum)
Lifetime Rating	>100,000 Hrs. at L70
Input Frequency	50/60Hz
Power Factor	>0.9
Operating Temp	Low Ambient -20°C/ High Ambient 50°C

## PHOTOMETRICS


**Luminaire**

 Code LDL24RA-X-40-S-S-M-W-4  
 Name 2.5" X 4.5" LED Recessed Aluminum

**Measurement**

 Code LDL24RA-X-40-S-S-M-W-4  
 Name 2.5" X 4.5" LED Recessed Aluminum

Luminaire Flux	2028.58 lm	Luminaire Power	13.40 W	Efficacy	151.39 lm/W	Efficiency	100.00%
Sources Flux	2028.58 lm	Maximum value	406.14 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical
Rectangular Luminaire	Length	57 mm	Width	1219 mm	Height	1 mm	
Rectangular Luminous Area	Length	57 mm	Width	1219 mm	Height	0 mm	
Horizontal Luminous Area	0.069494 m <sup>2</sup>	Emitting area on Plane 180°	0.000000 m <sup>2</sup>	Emitting area on Plane 270°	0.000000 m <sup>2</sup>	Glare area at 76°	0.016812 m <sup>2</sup>
Emitting area on Plane 0°	0.000000 m <sup>2</sup>						
Emitting area on Plane 90°	0.000000 m <sup>2</sup>						
Coordinate system	CG	Symmetry Type	Double Symmetrical				
Date	27-08-2020	Maximum Gamma Angle	90				
Measurement Distance	0.00	Measurement Flux	2556.61 lm				
Operator		Rated Voltage					
Temperature	25.00 °C	Rated Current					
Humidity	60.00 %	Photocell					
Notes							

**Luminaire Sources**

Line	Code	Name	Flux [lm]	Pow. [W]	Q.ty
	LDL24RA-X-40-S-S-M-W-4	LDL24RA-X-40-S-S-M-W-4 13.4W	2028.58lm	13.40	1
C.I.E.	50 80 96 100 100	D DIN 5040	A30		
F UTE	1.00 D	B NBN	BZ 4		