Advantage. Environmental Lighting

Catalog Number	
Project	
Type	

LDL5RS

5” x 4.5" Recessed Steel Designer LED Luminaire

ORDERING INFORMATION

Example: LDL5RSL35MSMW4

Options: 12EBL

PRODUCT SPECIFICATIONS

DESCRIPTION

The LDL5RS Series is an architecturally designed Recessed Steel LED Luminaire that is classically styled and fit for any interior. It is available for continuous run mounting.

APPLICATIONS

The LDL5RS Series of Recessed Steel Luminaires are 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 fixture is constructed of a 5" wide heavy gauge steel body. The fixture is available in any run length within 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 provides for a beautiful architectural design while maintaining optimal light output.

ELECTRICAL SYSTEM

Electronic drivers are available for 120/277V applications. Long-life LED system rated for >50K 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 recessed mounted. Continuous run available.

LISTINGS

Independently tested to IESNA LM-79 and LM-80 specifications. ETL and cETL Listed.

WARRANTY

5-Year Limited Warranty. Complete warranty & terms located at www.aelnow.com/resources.

LDL5RS					
SERIES	**MOUNTING**	**COLOR TEMP**	**OUTPUT**	**LENS**	**VOLTAGE**
LDL5RS	L Lay-In Grid F Flanged FT Flangeless Trim	30 3000K 35 3500K 40 4000K 50 5000K	S Standard M Medium H High	A12 .100 #12 Acrylic Lens S Satin Lens	M 120/277 Multi-Volt

FINISH	**ROW LENGTH (IN FEET)**	**GRID**	**OPTIONS**	**WIRING HARNESS**
W White SP Special	2 2 Feet 3 3 Feet 4 4 Feet 5 5 Feet 6 6 Feet 7 7 Feet 8 8 Feet XX Length in Ft	GT1 15/16 Flat T-Bar GT2 9/16 Flat T-Bar GT3 15/16 Flat T-Bar w/Tegular Tiles GT4 9/16 Flat T-Bar w/Tegular Tiles GT5 9/16 Slot Grid	EC Emergency Circuit 12EBL 1200 Lumen Emergency Ballast 90V 90 Degree Ceiling-to-Wall 90H 90 Degree Suspended XXV XX Degree Ceiling-to-Wall XXH XX Degree Suspended	WH34 3-Wire 4 Feet WH44 4-Wire 4 Feet WH54 5-Wire 4 Feet WH38 3-Wire 8 Feet WH48 4-Wire 8 Feet WH58 5-Wire 8 Feet

For optional lumen packages, please add the specific lumens desired at the end of the part#.

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FIXTURE DIMENSIONS

For Continuous Run Mounts:

ROW CONFIGURATIONS

AEL would like to double check your Bill of Material upon placement of your order if the number of rows and their indivdual row lengths are provided on the purchase order as follows:

Row 1 - 8' Row 2 - 8' Row 3 - 24' Row 4 - 24'

Please provide any additional pertinent information such as additional power drops required mid-row.

	Row Length	2'	4'	6'	8'	10'	12'	14'	16'	18'	20'	22'	24'	26'	28'	30'	32'	34'	36'	38'	40'	42'	44'	46'	48'
Fixture Length	2'	1		1		1		1		1		1		1		1		1		1		1		1	
	4'		1	1			1	1			1	1			1	1			1	1			1	1	
	8'				1	1	1	1	2	2	2	2	3	3	3	3	4	4	4	4	5	5	5	5	6
Total Pendants Needed		2	2	3	2	3	3	4	3	4	4	5	4	5	5	6	5	6	6	7	6	7	7	8	7

ENERGY AND PERFORMANCE DATA

Input Voltage	120/277VAC
System Input Power	32, 40, or 60 Watts*
Delivered Lumen Output	3,942 - 7,884 Lumens
Standard Dimming Control	0-10V
CCT	3000, 3500, 4000, 5000 Kelvin
CRI	82 (minimum)
Life Time Rating	50,000 hrs @ L70
Input Frequency	50/60 Hz
Power Factor	>0.9
Operating Temp	30° to 50° C

*Actual wattage may differ by ±5% while operating 120/277V ±10%

LED SYSTEM DATA

Output	Delivered Lumens	System Wattage	L70 @ 25°C (hrs)	Amperage Draw	
				120V	277V
Standard	3942	32	>50K	.27A	.12A
Medium	5300	40	>50K	.33A	.14A
High	7884	60	>50K	.50A	.22A

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