ADVANTAGE ENVIRONMENTAL LIGHTING

MADE IN THE USA

CATALOG #:

PROJECT:

TYPE:

MXDL4R

LED PATIENT ROOM / HEALTH CARE

RECESSED GRID
3', 4', 4.5', 5'

The fully enclosed **MXDL4R** offers ambient and/or examination lighting, dimmable to the appropriate lighting levels for either occasions. The small aperture is flush to the ceiling line, allowing quick, easy, as well as effective wipe-down. Separately switched ambient and exam functions provide the ability to accommodate the many necessary activities performed in the patient room. Specify the nightlight as an option for an additional function (standard at 500 lumens). Typically used in pairs (left and right orientation available), and positioned along both sides of the bed, the MXDL4R offers glare and shadow free illumination.

CONSTRUCTION: Constructed of a precision cut, proprietary aluminum extrusion with flat end caps. Internal joiner system. Available in any length with a 3' minimum.

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, including antimicrobial paint, left and right orientations, and a wide range of dimming options. If additional or custom options are needed, consult factory.

WARRANTY: 5-Year Limited Warranty. Complete warranty and terms located at **www.aelnow.com/warranty**.

ORDERING INFO ON NEXT PAGE

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ORDERING INFORMATION. Example: MXDL4R-F-27-3L-5L-S-R-M-SP-CD5

SERIES

MXDL4R3	36"
MXDL4R4	48"
MXDL4R5	60"
MXDL4R6	72"
MXDL4R7	84"
MXDL4R8	96"
CUSTOM	XX"

MOUNTING

F	FLANGE
TG	T-GRID

CCT

27	2700K
30	3000K
35	3500K
40	4000K
50	5000K

AMBIENT ILLUMINATION

ALL OTHERS	2L	2000 Lumens
	3L	3000 Lumens
	4L	4000 Lumens
	5L	5000 Lumens
	6L	6000 Lumens
	XXXL	Custom Lumens
MXDL4R3	3L	3000 Lumens

Delivered lumens vary based on length of unit. Consult factory for more info.

EXAM ILLUMINATION

ALL OTHERS	3L	3000 Lumens
	5L	5000 Lumens
	6L	6000 Lumens
	7L	7000 Lumens
	8L	8000 Lumens
	10L	10000 Lumens
	12L	12000 Lumens
	XXXL	Custom Lumens
MXDL4R3	3L	3000 Lumens

LENS

S	Snap-in Satin Acrylic Lens

ORIENTATION

R	Right Hand Orientation
L	Left Hand Orientation

VOLTAGE

M	Multi-Volt (120-277V)

FINISH

WHITE	WHITE FINISH
SP	SPECIAL COLOR (SPECIFY RAL CLOR)

DRIVER OPTIONS

BLANK	0-10V 1% DIMMING DRIVER (INCLUDED STD.)
CD5	0-10V 5% TO OFF DIMMING DRIVER
EDN	ELECTRONIC DRIVER NON-DIMMING
FLDD	FIFTH LIGHT DALI, DIMMING
LDE1	LUTRON HI-LUME 1% ECOSYSTEM LED DRIVER WITH SOFT-ON, FADE-TO-BLACK DIMMING TECHNOLOGY
LDE5	LUTRON LDE5 5-SERIES ECOSYSTEM 5% DIMMING

OPTIONS

12EBL	1200 LUMEN EMERGENCY BALLAST
90	90 CRI
LVC	LOW VOLTAGE CONTROLLER
LVCWS	LOW VOLTAGE CONTROLLER WALL SWITCH
NL	NIGHT LIGHT (500 LUMENS)
FZ	FUSE AND HOLDER
WL	WET LOCATION
AM	ANTI-MICROBIAL PAINT
VDO	LUTRON VIVE INTEGRAL FIXTURE CONTROL (RF WITH DAYLIGHT AND OCCUPANCY SENSING)
ANL	AMBER NIGHT LIGHT (500 LUMENS)
RNL	RED NIGHT LIGHT (500 LUMENS)

ENERGY AND PERFORMANCE DATA

INPUT VOLTAGE:	120/277VAC
SYSTEM INPUT POWER:	13 - 77 WATTS*
DELIVERED LUMEN OUTPUT:	2000 - 12000 LUMENS
STANDARD DIMMING CONTROL:	0-10V
CCT:	2700, 3000, 3500, 4000, 5000 KELVIN
CRI:	82 (MINIMUM)
LIFE TIME RATING:	>100,000 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%

APPROXIMATE COLOR TEMPERATURE MULTIPLIER

5000K	X	1.03
4000K	X	1
3500K	X	.97
3000K	X	.94
2700K	X	.91

DELIVERED LUMENS	SYSTEM WATTAGE	L70 @20C (HRS)
2000	13	>100K
3000	20	>100K
3500	23	>100K
4000	26	>100K
5000	32	>100K
6000	29	>100K
7000	45	>100K
8000	52	>100K
10000	65	>100K
12000	77	>100K

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ORIENTATION CONFIGURATION

DIMENSIONS