

MILLENIUM STRETCH™

MLRS12 SERIES – GEOMETRIC/CONTINUOUS RUN

PROJECT INFORMATION

Job Name _____

Fixture Type _____

Catalog Number _____

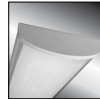
Approved by _____

PRODUCT FEATURES:

- » Surface mount – wall or ceiling; 12"×48"
- » Continuous row mount luminaires
- » ADA compliant



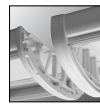
Rounded End Cap



Flat End Cap



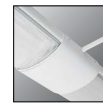
Reveal End Cap



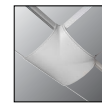
Continuous Row
Joiner Band



Node "L"
2-Way



Node "N"
Inline



Node "T"
3-Way



Node "X"
4-Way

SPECIFICATIONS

HOUSING: Marine grade aluminum. Extruded body with flat or rounded die-cast end caps. TGIC polyester powder coat finished – 5-step pre-treatment. See Ordering Information for finishes. Each pattern run of luminaires consists of one or more "L", "N", "T", or "X" node. See ordering information to specify quantities. NOTE: Contact factory for pattern layout details.

LENS: UV-stabilized, high impact extruded pearlescent polycarbonate. Smooth exterior, linear prismatic interior. Nominal thickness .156". Lens securely positioned in body channels and end caps. Lens locked in place with tamper-resistant stainless steel Torx® with center pin fastener.

NODES: Marine grade cast aluminum cover mounted to 18-gauge mounting plate. Cover includes knockouts for Wiremold™ entry (not available in "X" 4-way node).

SOCKETS: Shock-resistant sockets with internal locking collar to ensure positive lamp retention.

REFLECTOR: Full reflector/wire cover – 92% reflectivity.

HARDWARE: Four stainless steel, tamper-resistant Torx fasteners secure lens in housing body's lens channel. Electrical Quick Connector supplied (Specify Circuit Qty, see below). Torx screwdriver ordered separately.

ELECTRICAL: Available 3500K, 4000K and 5000K color temperatures, 82 CRI. 120-277 VAC, 50/60Hz electrical input with serviceable high power factor electronic, constant-current driver (<20% THD, >0.95 PF). Standard 0-10V dimming with 3-100% range, maximum driver source of 250 µA. Consult factory for fluorescent option.

INSTALLATION: Standard six-point mounting per fixture recommended.

WARRANTY: limited ten (10) year warranty for LED Lamps.

LISTINGS: UL and CUL listed for Damp Location only. Suitable for use as a raceway. Consult factory. Suitable for use in continuous row. ADA compliant.



ORDERING INFORMATION (Ex: MLRS12GMS-4/48-0/L-0/T-4/X-0/N-R-MB-PP-1-54-RS-1-120)

Model	Fixture Qty	Node L	Node T	Node X	Node N	End Cap*	Finish	Lens	Lamp Type	Driver	Voltage	Options
MLRS12GMS	/48	/L	/T	/X	/N			PP		DCC		

Fixture Quantity (replace "x" with qty)
(x)/48 Nominal 48" housing

Node L (replace x with qty)
(x)/L Node "L" 2-Way Intersecting

Node T (replace x with qty)
(x)/T Node "T" 3-Way Intersecting

Node X (replace x with qty)
(x)/X Node "X" 4-Way Intersecting

Node N (replace x with qty)
(x)/N Node "N" Inline

End Caps* (if required)

- R** Rounded
- F** Flat
- RV** Reveal

Finish
MW Matte White
MB Matte Black
LG Light Gray
CC Custom Color (Consult Factory)

Lens
PP Pearlescent Polycarbonate

Lamp Type
45L35K 45 Watt 3500K LED
45L40K 45 Watt 4000K LED
45L50K 45 Watt 5000K LED
67L35K 67 Watt 3500K LED
67L40K 67 Watt 4000K LED
67L50K 67 Watt 5000K LED
90L35K 90 Watt 3500K LED
90L40K 90 Watt 4000K LED
90L50K 90 Watt 5000K LED

Driver Type
DCC Dimming Constant Current

Voltage
120 120 Volts
277 277 Volts
347 347 Volts (Consult Factory)
DV 120-277 Volts

Options
FS Single Fuse & Holder
PH Phillips Head Fasteners
PM Pendant Mount (stems by others)
XC Auxiliary Circuit



www.kenall.com | P: 800-4-Kenall | F: 262-891-9701 | 10200 55th Street Kenosha, Wisconsin 53144, USA

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MLRS12GMS-081820

MILLENNIUM STRETCH™

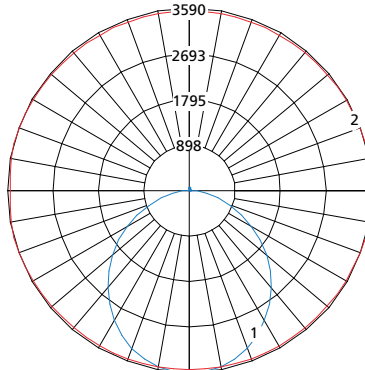
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PERFORMANCE

Lamp Type	Initial Delivered Lumens		Input Power (W)	Drive Current (mA)	Estd. L70 LED Life (Hrs)
	@ 25°C	Efficacy (lm/W)			
45L35K	4666	93	50	94	175,000
45L40K	4975	99	50	94	175,000
45L50K	5173	103	50	94	175,000
67L35K	6689	90	74	66	175,000
67L40K	7131	96	74	66	175,000
67L50K	7416	100	74	66	175,000
90L35K	8548	85	101	94	175,000
90L40K	9113	91	101	94	175,000
90L50K	9477	94	101	94	175,000

Displayed information is for selected luminaires only. Additional wattages and color temperatures are also available. Visit www.kenall.com for additional information.

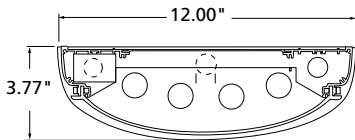
Model: MLRS12-48-F-MW-PP-1-90L40K-DCC-1-DV



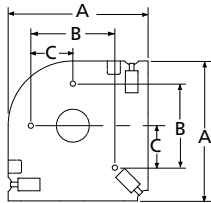
Maximum Candela = 12851 Located At Horizontal Angle = 15, Vertical Angle = 5

- 1 - Vertical Plane Through Horizontal Angles (15-195) (Through Max. Cd.)
- 2 - Horizontal Cone Through Vertical Angle (5) (Through Max. Cd.)

DIMENSIONAL DATA



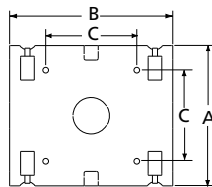
Please provide reflected ceiling plans to factory for dimensional data and factory supplied fixture layout with mounting information. Dimensions A and B are outside dimensions. Dimension C is mounting holes.



"L" NODE

Dimensions

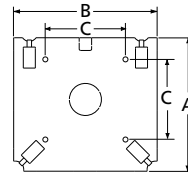
A	B	C
12.33"	5.00"	2.50"



"N" NODE

Dimensions

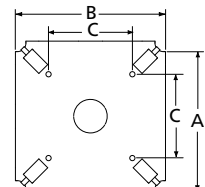
A	B	C
11.70"	10.00"	5.00"



"T" NODE

Dimensions

A	B	C
12.33"	12.95"	5.00"



"X" NODE

Dimensions

A	B	C
12.95"	12.95"	5.00"

The inline node's internal Wiremold™ ready knockouts allow access to power. A second internal knockout is available for access to raceway(s). The internal knockouts are not visible from the exterior of the node.



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