

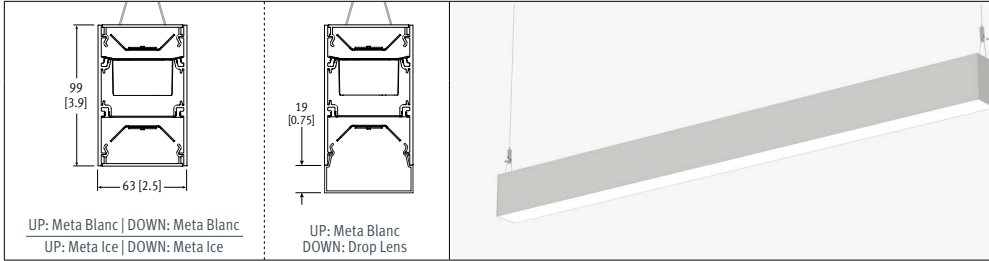
Rail 2 RM2DI

LED . Pendant . Direct/Indirect



See p.2 for DLC Approved Products

CAT #:
PREP BY:
DATE:
PROJECT:
TYPE:
NOTES:



ORDERING LOGIC

Example Part Number: RM2DI-2L35K-8L-MBMB-SA-L3UD-PA-1-D-90

RM2DI											
Series	Color Temp	Length	Pattern	Optics	Finish	LL/Driver	Circuitry	Mounting	Voltage	Controls	Options
Color Temp		Optics		Light Level (LL) / Driver			Circuitry		Voltage		
2L30K = 3000K	90 CRI is available under Options	MBMB = Up: Meta Blanc Down: Meta Blanc		Performance at 3500K¹ 0-10V Dimming (Standard) Integral drivers			1 = 1 Circuit		1 = 120 V		
2L35K = 3500K		MBMD = Up: Meta Blanc Down: Drop Lens **					UD = Up / Down Switching		2 = 277 V		
2L40K = 4000K		MM = Up: Meta Ice Down: Meta Ice		EM = Emergency/Night Light		3 = 347 V					
2LTUN = 2-White Tunable (2700 - 6500K)		Meta Blanc, Drop Lens: Opal Diffuse Lens Meta Ice: High Output Semi-Diffuse		B = Battery Pack		4 = UNV (120-277V)					
Length		Pattern		Finish			Mounting		For other voltage, consult factory		
2 = 2 ft	8 = 8 ft	G = Square / Rectangle		SA = Satin Aluminum			PA = Pendant Aircraft Cable		Controls		
3 = 3 ft	9 = 9 ft	U = U-Shape		W = White			PT = Pendant Aircraft Cable for T-Bar		= None (leave space empty)		
4 = 4 ft	10 = 10 ft	L = L-Shape		C = Custom Finish Specify RAL#:			Select CABLE LENGTH and HANGER FINISH on p.3		D = Daylight Sensor		
5 = 5 ft	11 = 11 ft	C = Custom Pattern*							O = Occupancy Sensor		
6 = 6 ft	12 = 12 ft	Enter pattern dimensions on p.2							DO = Daylight/Occupancy Sensor		
7 = 7 ft									Options		
R = Continuous Rows (Consult factory)									90 = 90 CRI		
C = Custom Length (Consult factory)									_ = None (leave space empty)		
_ = None (leave space empty)											

* Consult factory for custom patterns, including X and T patterns. | ** Drop lens is not available with patterns. | ¹ Metalumen's light level performance metrics are subject to manufacturers component tolerances.

SPECIFICATIONS

Due to the Continuous Improvement Policy at Metalumen, we reserve the right to change our specifications without notice.

Housing: Rigid extruded aluminum body, 2.3mm [0.09"] nominal wall thickness. Steel formed end caps.

Optical System: Metalumen luminaires are designed to utilize leading edge LED technology combined with luminaire optimized reflectors and our custom diffusers, resulting in industry leading optical performance.

CRI: 83+ for 3500K, 80 minimum for all CCTs in standard configurations.

Lumen Maintenance: Minimum 50,000h with TM-21 lumen maintenance of 85% @ 25°C ambient temperature (calculated based on IESNA LM-80-08 LED test data). L70: ≥ 60,000hrs.

Finish: Satin Aluminum and white are standard. For custom finish, contact factory.
Mounting: Aircraft cable yoke complete with a Quick-Grip field adjustable suspension system provides for quick and easy onsite alignment.

Electrical: Factory prewired with easy wire quick connect sections.

Drivers: Metalumen offers dimming drivers as a standard on our entire LED product offering at 0-10V. Dimming range is 10%-100%. Power factor is > 90%. Class 2 rating. Drivers are integral.

Controls: Refer to Ordering Logic chart above.

Lutron Driver Options: Consult factory for Lutron LED driver options:

LHE H-Series Hi-lume 1% EcoSystem

LA2 A-Series Hi-lume 1% 2-wire

L5E 5-Series EcoSystem

Approvals: Certified to NRTL and IES testing standards. RoHS compliant. This product is cULus listed.

Environment: Suitable for dry or damp locations.

APPROVALS Signature _____

Date _____

FILE NAME: RM2DI_LED_PA_PT_SPEC_SHEET_20190719

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Metalumen

WARRANTY

Metalumen will warrant defective luminaires for 5 years from date of purchase. Warranty is valid if luminaire is installed and used according to specification. If defective, Metalumen will send replacement boards or drivers at no cost along with detailed replacement instructions and instructions on how to return defective components to Metalumen.

FEATURES

Commercial Lighting - With over 30 years of successful architectural lighting, providing unique concept and installation solutions has become second nature. Metalumen's Start to End Development Process results in unique performance, design and architectural requirements from concept through implementation. Metalumen's Lighting Solutions have been applied to customer projects requiring: high profile architectural

installations; improved energy efficiency; retrofit installations; unique installations. Metalumen can provide top-quality innovative fixtures when and where they are needed and, at the same time, allow the customer to determine their level of involvement in Metalumen's Start to End Development Process.



Educational Lighting
A collection of premium luminaires

that maximize both the functionality and performance of any educational facility. Metalumen is dedicated to creating sustainable environments that foster enhanced educational experiences with products that offer maximum efficiency, integration of controls and exceptional design.



Healthcare Lighting - Every product in our broad line of

healthcare luminaires has been strategically engineered to meet modern healthcare demands while addressing patient needs and aesthetic requirements.



DAMP Suitable for dry or damp locations.

	DLC Approved RM2DI Products	RM2DI-2L35K-4-MM-xx-L1X-X-XX-4-X	RM2DI-2L35K-8-MM-xx-L1X-X-XX-[34]-X	For more Metalumen DLC Approved Products, visit the DLC Website
		RM2DI-2L40K-4-MM-xx-L2X-X-XX-[34]-X	RM2DI-2L35K-8-MM-xx-L2X-X-XX-[34]-X	
		RM2DI-2L40K-4-MM-xx-L3X-X-XX-[34]-X	RM2DI-2L35K-8-MM-xx-L3X-X-XX-[34]-X	
			RM2DI-2L40K-8-MM-xx-L1X-X-XX-[34]-X	
			RM2DI-2L40K-8-MM-xx-L2X-X-XX-[34]-X	
		RM2DI-2L40K-8-MM-xx-L3X-X-XX-[34]-X		

PATTERNS

	Square (G)	Rectangle (G)	U-Shape (U)	L-Shape (L)
Select Pattern				
Pattern Configuration				
Indicate Desired Lengths (ft)	A =	A = B =	A = B = C =	A = B =
Minimum Lengths	4' for all sides		A = 3', B = 4', C = 3'	A = 3', B = 3'

Record drawings will be sent out upon order showing mounting locations.

CONTINUOUS ROWS

Step 1) Indicate desired quantity of rows under the QTY column

Step 2) ← Pods → If applicable, select pod(s) per row to indicate desired Emergency lighting location. If a similar row requires a different Emergency lighting location, please fill out another sheet.

Record drawings for rows not represented here will be sent out upon order.

QTY	Nominal Length	Run Length Overall	Along / Start Length	Mid Length(s)	End Length
	4'	1269 [50.0]	4		1257 [49.5]
	8'	2468 [97.9]	8		2474 [97.4]
	12'	3703 [145.8]	12		3691 [145.3]
	16'	4924 [193.9]	8	8	2452 [96.5] 2460 [96.9]
	20'	6141 [241.8]	12	8	3669 [144.5] 2460 [96.9]
	24'	7358 [289.7]	12	12	3669 [144.5] 3677 [144.8]
	28'	8578 [337.7]	8	12 8	2452 [96.5] 3654 [143.9] 2460 [96.9]
	32'	9796 [385.7]	12	8 12	3669 [144.5] 2438 [96.0] 3677 [144.8]
	36'	11012 [433.5]	12	12 12	3669 [144.5] 3654 [143.9] 3677 [144.8]
	40'	12233 [481.6]	12	8, 8 12	3669 [144.5] 2438 [96.0] 2438 [96.0] 3677 [144.8]
	44'	13450 [529.5]	12	12, 8 12	3669 [144.5] 3654 [143.9] 2438 [96.0] 3677 [144.8]
	48'	14666 [577.4]	12	12, 12 12	3669 [144.5] 3654 [143.9] 3654 [143.9] 3677 [144.8]

ROWS IN PLAN VIEW

Rows are for demonstration purposes only and are not to scale.

LEGEND

- Standard (STD) Wire Entry Location
(located 15mm from end on top of fixture)
- Emergency (EM) / Night Light Location
- EM or Battery Wire Entry Location
(located 15mm from end on top of fixture)

Mounting Points

A A

A = Distance Between Mounting Points

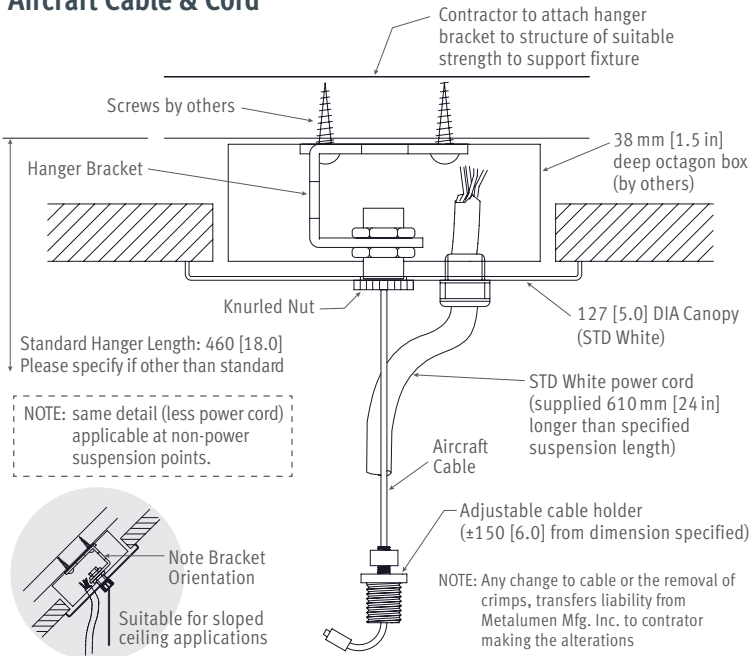
EM / Night Light and EM or Battery Wire Entry location in relation to pod selections:

Example 20 ft run

Refer to page 4 for Hanger information

HANGERS

Aircraft Cable & Cord



Select Cable Length and Canopy Finish:

AIRCRAFT CABLE		
Total adjustment range is 6" up & down for each standard length. All other lengths are considered custom unless otherwise stated.		
	IMPERIAL (in)	METRIC (mm)
<input type="checkbox"/>	12	305
<input type="checkbox"/>	18	460
<input type="checkbox"/>	24	610
<input type="checkbox"/>	30	760
<input type="checkbox"/>	36	915
<input type="checkbox"/>	42	1067
<input type="checkbox"/>	48	1220
<input type="checkbox"/>	54	1372
<input type="checkbox"/>	60	1525
<input type="checkbox"/>	72	1830
<input type="checkbox"/>	96	2440
<input type="checkbox"/>	120	3050
<input type="checkbox"/>	144	3660
<input type="checkbox"/>	Custom length:	

CANOPY FINISH	
<input type="checkbox"/>	White Paint (Standard)
<input type="checkbox"/>	Custom Specify RAL#:

T-Bar Aircraft Cable & Cord

