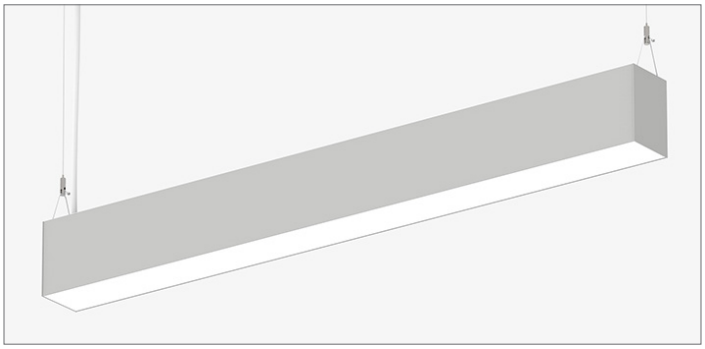
METALUMEN SPECIFICATION SHEET

RAIL 4 RM4DI

LED . PENDANT . DIRECT/INDIRECT

PART #:	
PREP BY:	DATE:
PROJECT:	QTY:
NOTES:	
APPROVAL SIGNATURE:	DATE (DD/MM/YYYY):



PERFORMANCE SUMMARY @ 3500K		MBMB	MBMD	MRMD	MM
		L3			
Lumens per foot	80 CRI	1274	1290	1300	1352
	90 CRI	1115	1129	1138	1183
Distribution (Up / Down %)		51 / 49	53 / 47	51 / 49	51 / 49
Wattage per foot		12.1	12.1	12.1	12.1
Efficacy	80 CRI	106	107	107	112
	90 CRI	92	93	94	98
L70 Estimate (h)		≥ 60,000 hrs			

See page 2 for the complete Light Level Performance chart.

FEATURES

- 3/4 " drop lens with seamless lines of light without pixels or shadows
- Integral drivers
- Option for daylight harvesting, occupancy sensing , dimming control and emergency lighting

ORDERING LOGIC

Example Part Number: RM4DI-2L35K-12-MBMB-W-L31-PA18-1-DW-90

RM4DI												
1	2	3	4	5	6	7	8	9	10	11	12	13

1. SERIES
RM4DI

2. COLOR TEMP
2L30K 3000K
2L35K 3500K
2L40K 4000K

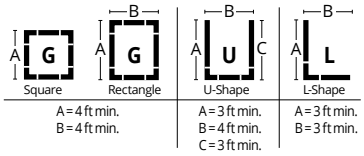
90 CRI is available under OPTIONS

3. LENGTH
2 2 ft
3 3 ft
4 4 ft
5 5 ft
6 6 ft
7 7 ft
8 8 ft
9 9 ft
10 10 ft
11 11 ft
12 12 ft
RA Continuous Rows
Replace "A" with length in feet selected on p3
C Custom Length*
_ None
(leave space empty)

4. PATTERN [1]
GA Square
GAxB Rectangle
UAxBxC U-Shape
LAxB L-Shape
C Custom Pattern*
_ None (leave space empty)

Replace "A", "B", "C" with length in feet. See minimum lengths below

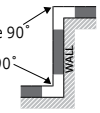
Standard Patterns Minimum Lengths



Square	Rectangle	U-Shape	L-Shape
A = 4 ft min. B = 4 ft min.		A = 3 ft min. B = 4 ft min. C = 3 ft min.	A = 3 ft min. B = 3 ft min.

Custom Patterns*
Lengths and a drawing of custom pattern are required on page 4

Select corner:



5. OPTICS
MBMB Up: Meta Blanc | Down: Meta Blanc
MBMD Up: Meta Blanc | Down: Drop Lens **
MRMD Up: Rise Lens | Down: Drop Lens **
MM Up: Meta Ice | Down: Meta Ice
BWMB Up: Batwing[3] | Down: Meta Blanc
BWMD Up: Batwing[3] | Down: Drop Lens **
BWM Up: Batwing[3] | Down: Meta Ice

Meta Blanc, Rise & Drop Lens: Opal diffuse lens

Meta Ice: High output semi-diffuse lens

6. FINISH
SA Satin Aluminum
W White
B Black
C Custom Finish
Specify RAL:

7. LIGHT LEVEL / DRIVER
L1[3]
L2
L3
L4

Select Driver below.
See Light Level Performance chart on p2.

8. CIRCUITRY
1 1 Circuit
UD Up/Down Switching
EM Emergency / Night Light
B Emergency Battery Pack[2]

9. MOUNTING
PAA Pendant Aircraft Cable
PTA Pendant Aircraft Cable for T-bar

Replace "A" with length (inches) selected below.
Select Aircraft Cable Length, Canopy Finish & Power Cord Color below

10. VOLTAGE
1 120 V
2 277 V
3 347 V
4 UNV (120 - 277V)

11. SENSORS / 12. CONTROLS
Tap to view **Sensors and Controls Reference Guide**

13. OPTIONS
90 90 CRI, High R9
_ None
(leave space empty)

*Consult factory. | ** Rise lens and Drop lens are not available with patterns. | [1] Pattern record drawings showing mounting locations will be sent out upon order. | [2] Battery operates 4ft direct sections only.

Select Driver:

- ☐ **FD** Factory option 0-10V, 1% Dimming
- ☐ **LHE** Lutron H-Series Hi-lume 1% EcoSystem LED Driver
- ☐ **L5E** Lutron 5-Series EcoSystem LED Driver

Select Aircraft Cable Length:

Total adjustment range is 6" up & down for each standard length.
All other lengths are considered custom unless otherwise stated.
NOTE: If no selection is made, a 48" hanger will be supplied.

Select:	Imperial (in)	Metric (mm)
☐	12	305
☐	18	460
☐	24	610
☐	30	760
☐	36	915
☐	42	1067
☐	48	1220

Select:	Imperial (in)	Metric (mm)
☐	54	1372
☐	60	1525
☐	72	1830
☐	96	2440
☐	120	3050
☐	144	3660
☐	Custom Length:	

Select Canopy Finish & Power Cord Color

White canopy & cord is standard.
NOTE: If no selection is made, white canopy & cord will be supplied.

Canopy	Power Cord
☐ White	☐ White
☐ Black	☐ Black*
☐ Custom Finish	
RAL:	

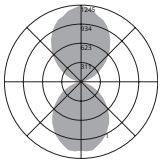
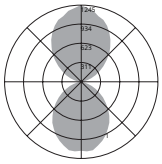
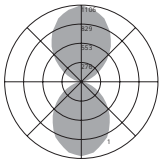
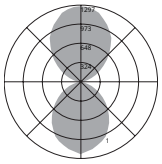
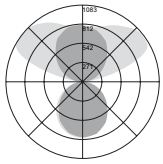
Consult factory.

Metalumen
570 Southgate Drive, Guelph, Ontario N1G 4P6
Mailing Address: P.O. Box 1779 Guelph, Ontario, N1H 6Z9
1.800.621.6785 | T 519.822.4381 | www.metalumen.com

FILE NAME: RM4DI_LED_PA_PT_SPEC_SHEET_20250910

LIGHT LEVEL PERFORMANCE & PHOTOMETRIC DATA

3500K, 80 CRI, 0-10V Dimming (Standard)

		MBMB (UP: Meta Blanc DOWN: Meta Blanc)			MBMD (UP: Meta Blanc DOWN: Drop Lens)			MRMD (UP: Rise Lens DOWN: Drop Lens)			MM (UP: Meta Ice DOWN: Meta Ice)			BWMB (UP: Batwing DOWN: Meta Blanc)		
Light Level		Lumens per foot	Wattage per foot	Efficacy (LPW)	Lumens per foot	Wattage per foot	Efficacy (LPW)	Lumens per foot	Wattage per foot	Efficacy (LPW)	Lumens per foot	Wattage per foot	Efficacy (LPW)	Lumens per foot	Wattage per foot	Efficacy (LPW)
L1		749	7.0	107	758	7.0	108	814	6.9	118	794	7.0	113	825	7.0	117
L2		937	8.9	106	949	8.8	107	956	8.8	109	997	8.9	113	1031	8.9	115
L3		1274	12.1	106	1290	12.1	107	1300	12.1	108	1352	12.1	112	1403	12.0	117
L4		2363	25.0	95	2393	25.0	96	2412	24.2	100	2639	24.2	109	2595	23.7	109.5
Light Level **L3**	IES File	RM4DI-2L35K-4-MBMB-L3			RM4DI-2L35K-4-MBMD-L3			RM4DI-2L35K-4-MRMD-L3			RM4DI-2L35K-4-MM-L3			RM4DI-2L35K-4-BWMB-L3		
	Distribution % (Down / Up)	51 / 49			53 / 47			51 / 49			51 / 49			62 / 38		
	Zonal Lumens (0–90 / 90–180)	2386 / 0			2296 / 137			2787 / 0			2892 / 0			5612 / 2150		
	Distribution Curve															

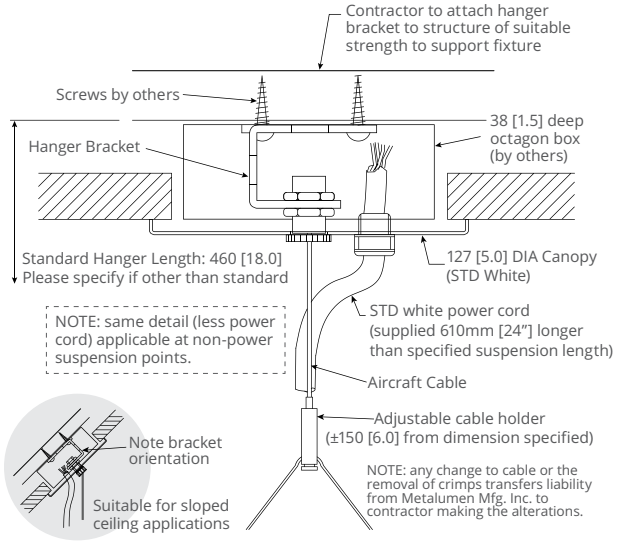
Photometric performance is measured and scaled in accordance with IESNA LM-79.
Metalumen's light level performance metrics are subject to manufacturers component tolerances.

Lumen Adjustment Factor (Standard)

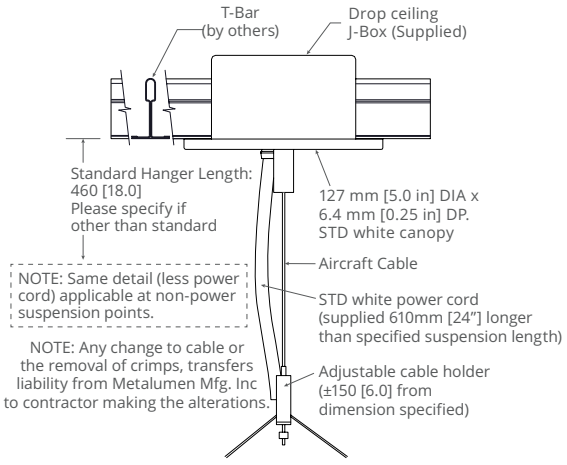
Color Temp	80 CRI	90 CRI
3000K	0.984	0.880
3500K	1.000	0.875
4000K	1.032	0.879

HANGER

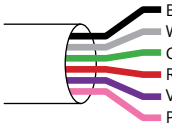
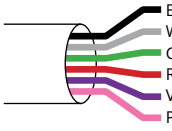
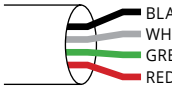
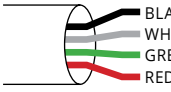
Aircraft Cable & Cord



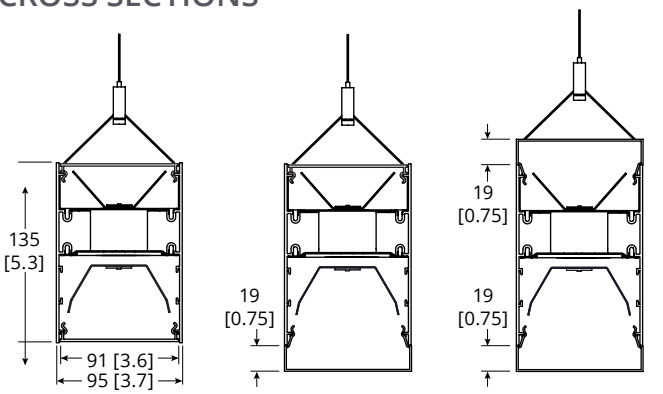
T-Bar Aircraft Cable & Cord



WIRING

Standard	Up/Down Switching	Emergency / Night Light	Emergency Battery Pack
 BLACK - LINE WHITE - NEUTRAL GREEN - GROUND RED - CAPPED/SW LEAD VIOLET - DIM(+) PINK - DIM(-)	 BLACK - LINE (UP) WHITE - NEUTRAL GREEN - GROUND RED - LINE (DOWN) VIOLET - DIM(+) PINK - DIM(-)	 BLACK - LINE WHITE - NEUTRAL GREEN - GROUND RED - CAP OFF	 BLACK - LINE WHITE - NEUTRAL GREEN - GROUND RED - UNSWITCHED HOT

CROSS SECTIONS



UP: Meta Blanc
DOWN: Meta Blanc

UP: Meta Ice
DOWN: Meta Ice

UP: Meta Blanc
DOWN: Drop Lens

UP: Rise Lens
DOWN: Drop Lens

SPECIFICATIONS

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

Housing: Rigid extruded aluminum body, 2.0mm (0.08") nominal wall thickness. Aluminum 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.
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, white and black are standard finishes. For custom finish, contact factory.
Weight: 2.1 kg/300mm [4.6 lb/ft]
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 0-10V dimming* as a standard on our entire LED product offering. Dimming range is 1%-100%. Power factor is > 90%. Class 2 rating. Drivers are integral.
Approvals: All components are UL/CSA/QPS recognized or listed. RoHS compliant. This product is cULus listed.
Environment: Suitable for dry or damp locations.

**Standard drivers compatible with passive/sinking dimmers. Please contact Metalumen if active/sourcing dimmer support is required.*

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.