

RAIL 2 RM2DU (Formerly RM2DI)

LED . PENDANT . DIRECT / INDIRECT



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

PERFORMANCE SUMMARY @ 3500K

		MBMB	MBMD	MM
		L3	L3	L3
Lumens (lm) per foot	80 CRI	1252	1272	1404
	90 CRI	1096	1113	1229
Distribution (Up / Down %)		52 / 48	55 / 45	53 / 47
Wattage (W) per foot		12.1		
Efficacy (lm/W)	80 CRI	104	105	116
	90 CRI	91	92	102
L70 Estimate (h)		≥ 60,000 hrs		

See page 2 for the complete Light Level Performance chart.

FEATURES

- Efficacy up to 123 lm/W
- Continuous Rows and 90 degree corners available
- Optional direct accent lighting available on 4, 8 and 12 ft lengths only

ORDERING LOGIC

Example Part Number: RM2DU-2L35K-12-MBLM5-W-L3B31-PA18-1-D-90

RM2DU		1	2	3	4	5	6	7	8	9	10	11	12	
1. SERIES RM2DU	2. COLOR TEMP 2L30K 3000K 2L35K 3500K 2L40K 4000K	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. 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) Standard Patterns Minimum Lengths 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* (C) Lengths and a drawing of custom pattern are required on page 3 Select corner: <input type="checkbox"/> Outside 90° <input type="checkbox"/> Inside 90°				5. OPTICS (UP / DOWN) and ACCENTS MBMB Meta Blanc / Meta Blanc MBMD Meta Blanc / Drop Lens** MRMB Rise Lens / Meta Blanc** MRMD Rise Lens / Drop Lens** MM Meta Ice / Meta Ice ACCENTS: Replace XX with accent selected on p2. ACCENT finish is black. MBXX5 Meta Blanc / Accent**, 50° Beamspread MBXX8 Meta Blanc / Accent**, 80° Beamspread MRXX5 Rise Lens / Accent**, 50° Beamspread MRXX8 Rise Lens / Accent**, 80° Beamspread 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 (LL) / DRIVER CODES WITHOUT ACCENT WITH ACCENT L1LX L1YX L2LX L2YX L3LX L3YX L4LX L4YX		"Y" AND "X" REPLACEMENTS: "Y" represents Accent LL "X" represents Standard Direct LL Replace "Y" with: A = Low LL, B = Mid LL, C = High LL Replace "X" with: 1 = LL1, 2 = LL2, 3 = LL3, 4 = LL4, N = No LL (applicable when ACCENT configuration doesn't include lens) Examples: L3B2 - Indirect: LL3 / Direct: Accent Mid LL & Standard LL2 L3L2 - Indirect: LL3 / Direct: LL2 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 (in inches) selected on page 2. Select Aircraft Cable Length, Canopy Finish & Power Cord Color on page 2		10. VOLTAGE 1 120 V 2 277 V 3 347 V 4 UNV (120 - 277V)		11. CONTROLS / SENSORS _ None (leave space empty) D Wattstopper Daylight Sensor O Wattstopper Occupancy Sensor DO Wattstopper Daylight and Occupancy Sensor		12. OPTIONS 90 90 CRI, High R9 _ None (leave space empty)	

* Consult factory. | ** Not available with patterns. | ¹ Pattern record drawings showing mounting locations will be sent out upon order. | ² Battery operates 4ft sections only.

Select Driver:

- 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.

Select:	Imperial (in)	Metric (mm)	Select:	Imperial (in)	Metric (mm)	Select:	Imperial (in)	Metric (mm)
<input type="checkbox"/>	12	305	<input type="checkbox"/>	42	1067	<input type="checkbox"/>	96	2440
<input type="checkbox"/>	18	460	<input type="checkbox"/>	48	1220	<input type="checkbox"/>	120	3050
<input type="checkbox"/>	24	610	<input type="checkbox"/>	54	1372	<input type="checkbox"/>	144	3660
<input type="checkbox"/>	30	760	<input type="checkbox"/>	60	1525	<input type="checkbox"/> Custom Length: _____		
<input type="checkbox"/>	36	915	<input type="checkbox"/>	72	1830			

Select Canopy Finish, Power Cord Color

Canopy	Power Cord
<input type="checkbox"/> White	<input type="checkbox"/> White
<input type="checkbox"/> Black	<input type="checkbox"/> Black
<input type="checkbox"/> Custom Finish RAL: _____	

Light Level Performance

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

Optics	UP: Meta Blanc DOWN: Meta Blanc (MBMB)			UP: Meta Blanc DOWN: Drop Lens (MBMD)			UP: Meta Ice DOWN: Meta Ice (MM)		
	Lumens per foot	Wattage per foot	Efficacy (lm/W)	Lumens per foot	Wattage per foot	Efficacy (lm/W)	Lumens per foot	Wattage per foot	Efficacy (lm/W)
L1	736	6.9	107	748	7.0	106	852	6.9	123
L2	920	8.8	104	936	8.9	105	1051	8.8	119
L3	1252	12.1	104	1272	12.1	105	1404	12.1	116
L4	2321	25.0	93	2359	25.0	94	2585	24.2	107

Lumen Adjustment Factor

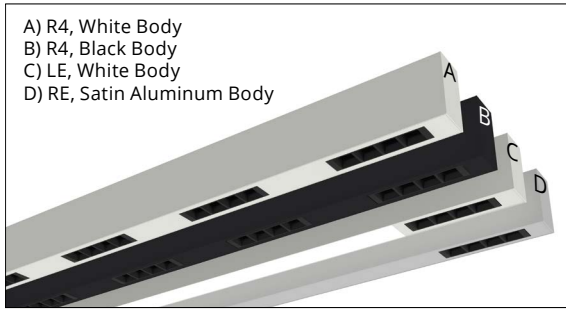
Color Temp	80 CRI	90 CRI
3000K	0.984	0.880
3500K	1.000	0.875
4000K	1.032	0.879

ACCENTS

Recessed Downlights

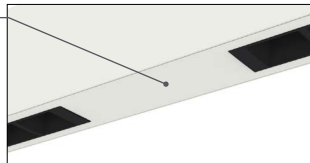
Recessed downlight sections are available in 4, 8 and 12 ft lengths with beam spreads of 50 or 80 degrees. Recessed downlight comes in black finish only.

- A) R4, White Body
- B) R4, Black Body
- C) LE, White Body
- D) RE, Satin Aluminum Body



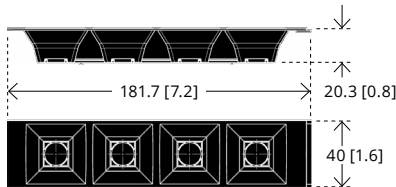
Filler

Finished in the same color as the body, the filler appears smooth and seamless, completing the rhythmical aesthetic of the recessed downlight configurations.



Output

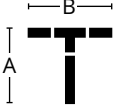
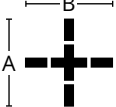
362 lumens per recessed downlight



Select one:	Code	Direct Accent Configuration (Available for 4, 8 and 12 ft sections only)
<input type="checkbox"/>	RE	 Recessed downlight located at Edge (Power entry located on same end as accent)
<input type="checkbox"/>	RM	 Recessed downlight located at Middle
<input type="checkbox"/>	R2	 Recessed downlights x2
<input type="checkbox"/>	R3	 Recessed downlights x3
<input type="checkbox"/>	R4	 Recessed downlights x4
<input type="checkbox"/>	RF	 Recessed downlights Full Full 4 ft section fits max. 4 recessed downlights Full 8 ft section fits max. 8 recessed downlights Full 12 ft section fits max. 12 recessed downlights
<input type="checkbox"/>	LE	 Recessed downlight located at Edge with Lens (Power entry located on same end as accent)
<input type="checkbox"/>	LM	 Recessed downlight located at Middle with Lens
<input type="checkbox"/>	L2	 Recessed downlights x2 with Lens

For custom configurations, please provide a drawing on next page.

PATTERNS

Select Pattern:	<input type="checkbox"/> T-SHAPE (C)	<input type="checkbox"/> CROSS / X-SHAPE (C)
Pattern Configuration		
Indicate Desired Lengths (ft)	A = B =	A = B =
Minimum Lengths	A = 3 ft B = 6 ft	A = 6 ft B = 6 ft

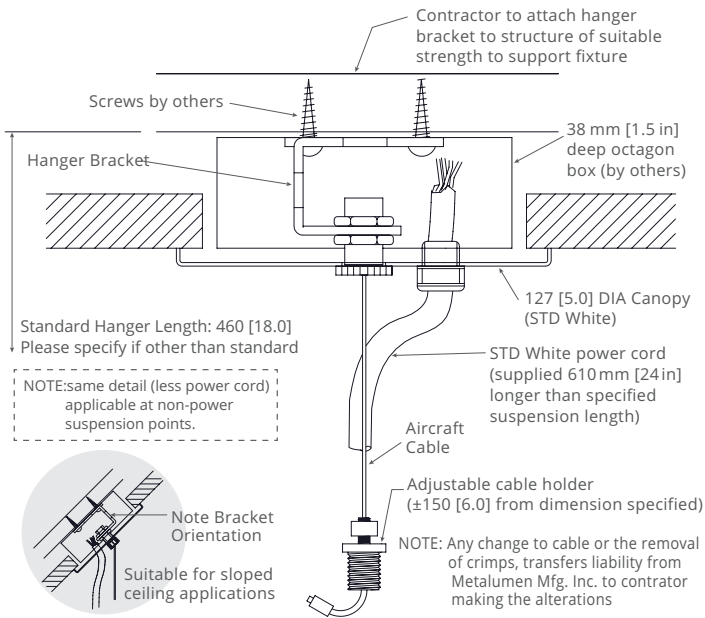
A custom pattern configuration drawing is required in the grid below

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

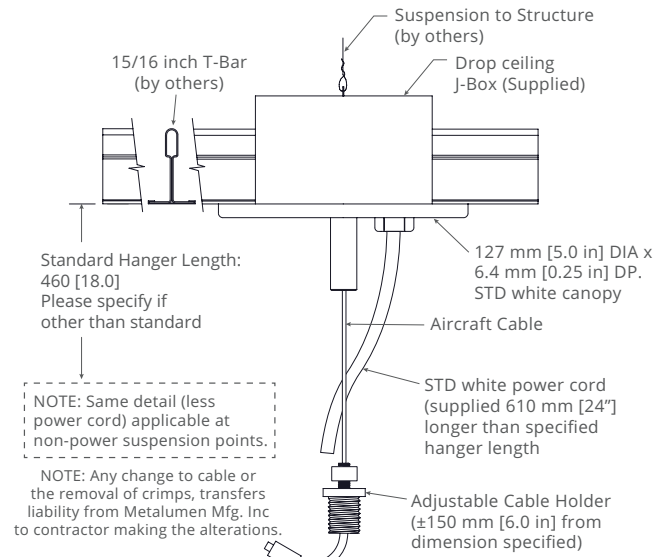


HANGERS

Aircraft Cable & Cord



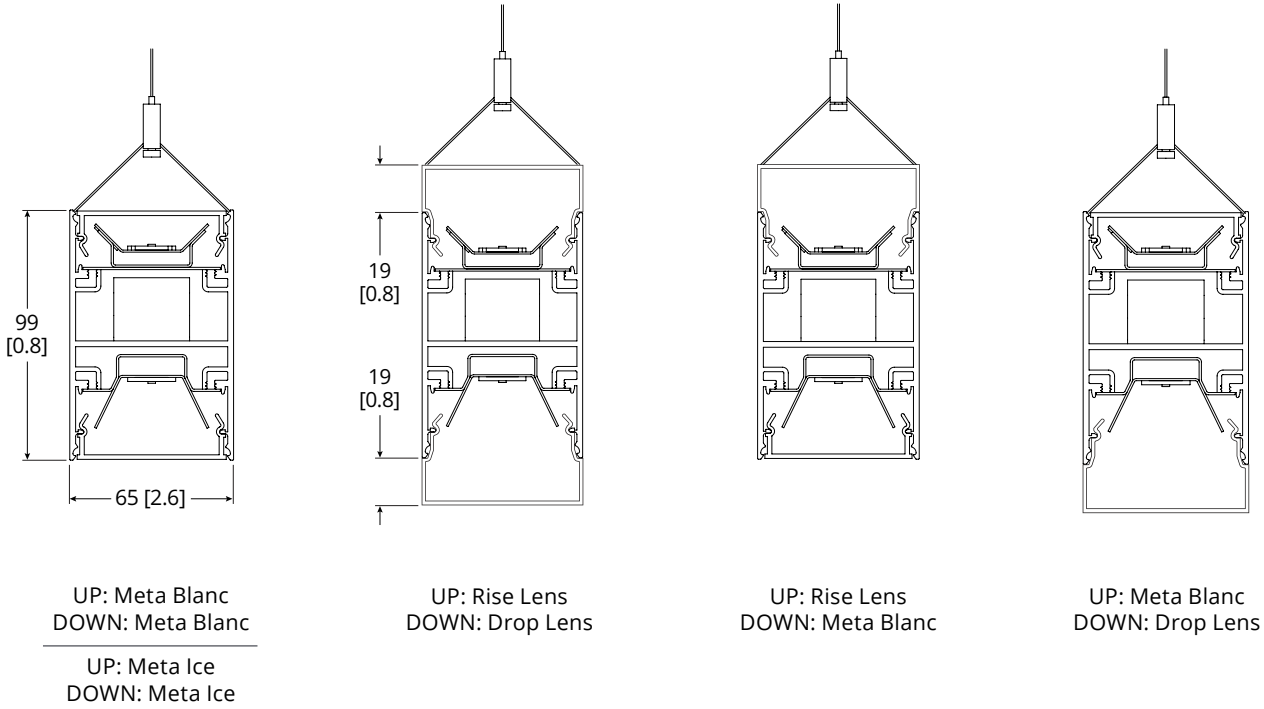
T-Bar Aircraft Cable & Cord



WIRING

Standard Wiring	Emergency Wiring	Emergency Battery Pack Wiring
<ul style="list-style-type: none"> BLACK - LINE WHITE - NEUTRAL GREEN - GROUND RED - CAPPED/SW LEAD VIOLET - DIM(+) GREY - DIM(-) 	<ul style="list-style-type: none"> BLACK - LINE WHITE - NEUTRAL GREEN - GROUND RED - CAP OFF 	<ul style="list-style-type: none"> BLACK - LINE WHITE - NEUTRAL GREEN - GROUND RED - UNSWITCHED HOT

CROSS SECTIONS & DIMENSIONS



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. 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.

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, white and black are standard finishes. For

custom finish, contact factory. Accent finish comes in black only.
Mounting: Aircraft cable complete with a Quick-Grip field adjustable suspension system provides for quick and easy on-site 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 1%-100%. Power factor is > 90%. Class 2 rating.
Approvals: Certified to NRTL and IES testing standards. cULus Pending. RoHS compliant.
Environment: Suitable for dry or damp locations.

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.

