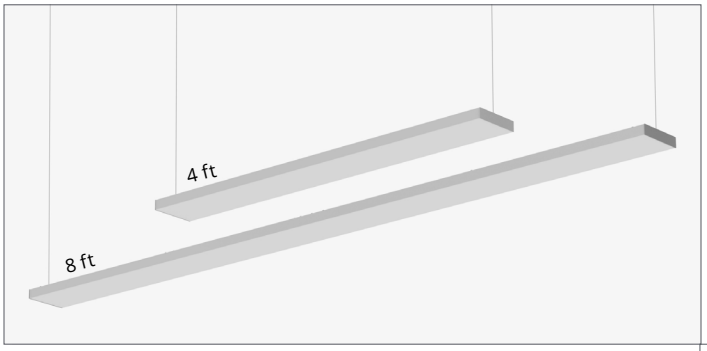
METALUMEN SPECIFICATION SHEET

STAIL RMEP6

LED . PENDANT . INDIRECT

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



PERFORMANCE SUMMARY @ 3500K		LIGHT LEVEL L3
Lumens	80 CRI	5984
	90 CRI	5236
Distribution % (Up / Down)		100 / 0
Wattage		48.6
Efficacy	80 CRI	123
	90 CRI	108
L70 Estimate (h)		≥ 60,000 hrs

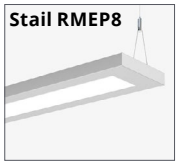
See page 2 for the complete Light Level Performance chart. Based on 4ft sections.

- **Efficacy up to 131 LPW**
- 100% indirect distribution
- Suitable for dry or damp locations

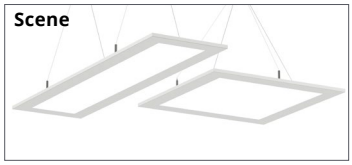
5 YEAR WARRANTY

RELATED PRODUCTS

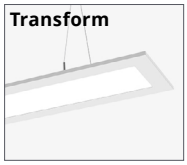
Stail RMEP8



Scene



Transform



ORDERING LOGIC

Example Part Number: RMEP6-2L35K-8-C-WT-L31-PA18-1-D-90

RMEP6			C							
1	2	3	4	5	6	7	8	9	10	11

1. SERIES	2. COLOR TEMP	3. LENGTH	4. OPTICS	5. FINISH	6. LIGHT LEVEL/DRIVER
RMEP6	**2L30K** 3000K **2L35K** 3500K **2L40K** 4000K 90 CRI is available under OPTIONS	**4** 4 ft **8** 8ft **RA** Continuous Rows Replace "A" with length in feet selected on p2	**C** UP: Clear Optics, 100% Indirect	**SG** Silver / Grey Textured Coat **WT** White Textured **C** Custom Finish Specify RAL:	**L1** **L2** **L3** **L4** Select Driver below. See Light Level Performance chart on p2.

7. CIRCUITRY	8. MOUNTING	9. VOLTAGE	10. CONTROLS / SENSORS	11. OPTIONS
1 1 Circuit **EM** Emergency / Night Light * **B** Emergency Battery Pack *[B]	**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	**1** 120 V **2** 277 V **3** 347 V **4** UNV (120 - 277V)	_ None (leave space empty) **D** Wattstopper Daylight Sensor **O** Wattstopper Occupancy Sensor **DO** Wattstopper Daylight and Occupany Sensor	**90** 90 CRI, High R9 _ None (leave space empty)

*Two wire entries required. | [B] 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. **If no selection is made, 48" 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:

Canopy	
☐	White
☐	Custom Finish RAL: _____

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: RMEP6_LED_I_SPEC_SHEET_20241218

Light Level Performance

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

Light Level	Lumens	Wattage	Efficacy
L1	3634	27.8	131
L2	4479	35.4	127
L3	5984	48.6	123
L4	11017	96.6	114

Lumen Adjustment Factor

Color Temp	80 CRI	90 CRI
3000K	0.984	0.873
3500K	1.000	0.875
4000K	1.032	0.879

Metalumen's light level performance metrics are subject to manufacturers component tolerances.

CONTINUOUS ROWS

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

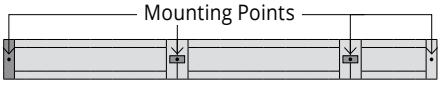
Step 2)

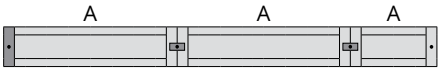
If applicable, select pod(s) per row to indicate desired Emergency lighting location. If a similar row requires a different Emergency lighting location, please fill out another sheet.

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

LEGEND

- Standard (STD) Wire Entry Location
- Emergency (EM) / Night Light Location
- EM or Battery Wire Entry Location

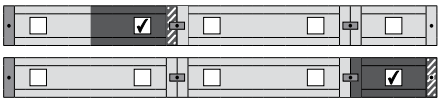




A = Distance Between Mounting Points

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

Examples 20 ft run



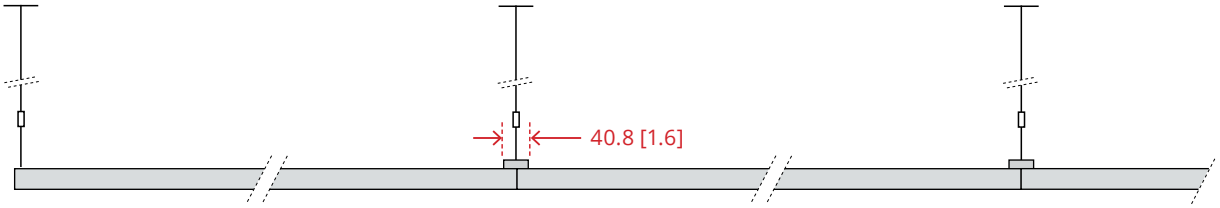
Refer to page 3 for Hanger information

ROWS IN PLAN VIEW

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

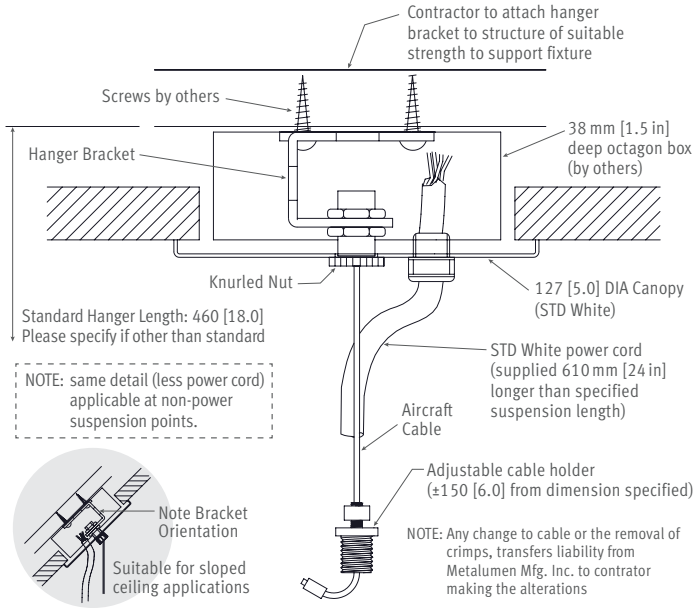
QTY	Nominal Length	Run Length Overall	Alone / Start Length	Mid Length(s)	End Length	ROWS IN PLAN VIEW
	4'	1240 [48.8]	4			1228 [48.3]
	8'	2480 [97.6]	8			2468 [97.2]
	12'	3719 [146.4]	8		4	2468 [97.2] 1228 [48.3]
	16'	4959 [195.2]	8		8	2468 [97.2] 2468 [97.2]
	20'	6199 [244.1]	8	8	4	2468 [97.2] 2480 [97.6] 1228 [48.3]
	24'	7439 [292.9]	8	8	8	2468 [97.2] 2480 [97.6] 2468 [97.2]
	28'	8679 [341.6]	8	8 (x2)	4	2468 [97.2] 2480 [97.6] 2480 [97.6] 1228 [48.3]
	32'	9918 [390.5]	8	8 (x2)	8	2468 [97.2] 2480 [97.6] 2480 [97.6] 2468 [97.2]
	36'	11158 [439.3]	8	8 (x3)	4	2468 [97.2] 2480 [97.6] 2480 [97.6] 2480 [97.6] 1228 [48.3]
	40'	12398 [488.1]	8	8 (x3)	8	2468 [97.2] 2480 [97.6] 2480 [97.6] 2480 [97.6] 2468 [97.2]
	44'	13638 [536.9]	8	8 (x4)	4	2468 [97.2] 2480 [97.6] 2480 [97.6] 2480 [97.6] 2480 [97.6] 1228 [48.3]
	48'	14878 [585.7]	8	8 (x4)	8	2468 [97.2] 2480 [97.6] 2480 [97.6] 2480 [97.6] 2480 [97.6] 2468 [97.2]

CONTINUOUS ROWS (continued)

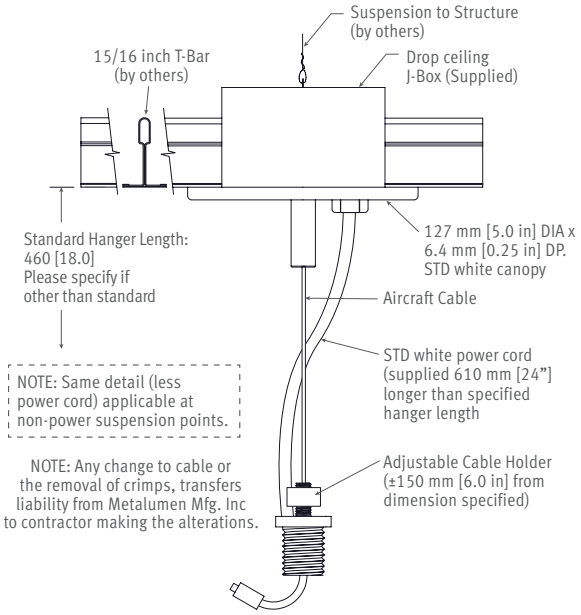


HANGER

Aircraft Cable & Cord



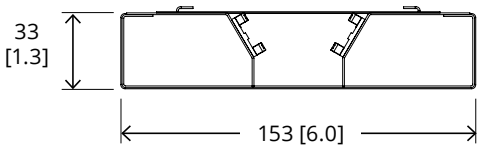
T-Bar Aircraft Cable & Cord



WIRING

Standard	Emergency / Night Light	Emergency Battery Pack

CROSS SECTIONS



SPECIFICATIONS

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

Housing: Cold rolled steel body fabrication, 0.91mm (20 Ga.) wall thickness.
Optical System: MetaLED mid flux LED technology.
CRI: Minimum 83 CRI at 3500K.
Lumen Maintenance: At an ambient operating temperature of 25°C the LED lifetime expectancy ≥ 60 000hrs at L70.
Finish: Silver/grey textured and white textuerd are standard finishes. For custom finish, consult factory.
Weight: 1.8 kg/300mm [4 lb/ft]
Mounting: Aircraft cable with 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 0-10V dimming* as a standard on our entire LED product offering. Dimming range is 1%-100%. Power factor is > 90%. Class 2 rating.
Approvals: All components are UL/CSA/QPS recognized or listed. RoHS compliant
Environment: Suitable for dry 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.

PHOTOMETRIC DATA - 3500K, 80 CRI

Optics Up: **Clear Optics, Angled Reflector**
Optics Down: **No Optics (Solid Body)**
IES File: **RMEP6-2L35K-4-C-L3**
Lumens: **5984** Wattage: **48.6**
Efficacy: **123**

ZONAL LUMEN SUMMARY

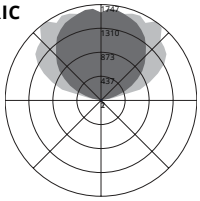
Zone	Lumens	%Fixt
0-90	0	0
90-180	5988	100
0-180	5988	100

LUMINANCE DATA (CD/M²)

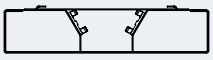
Vertical Angle	Horizontal Angle 0	45	90
45	0	0	0
55	0	0	0
65	0	0	0
75	0	0	0
85	0	0	0

PHOTOMETRIC CURVE

100% Up
0% Down



OPTICS DISTRIBUTION SUMMARY

Cross Section	Part Number	Delivered Lumens	Input Wattage	Efficacy	Direct Lumens	Direct %	Indirect Lumens	Indirect %	Distribution Photometry
	**RMEP6-2L35K-4-C**-XX-**L1**X-XX-X	3634	27.8	131	0	0	3634	100	
	RMEP6-2L35K-4-C-XX-**L2**X-XX-X	4479	35.2	127	0	0	4479	100	
	RMEP6-2L35K-4-C-XX-**L3**X-XX-X	5984	48.6	123	0	0	5984	100	
	RMEP6-2L35K-4-C-XX-**L4**X-XX-X	11017	97.2	114	0	0	11017	100	