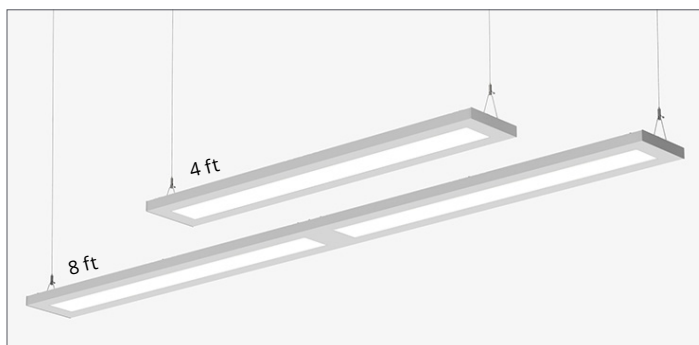


STAIL RMEP8

LED . PENDANT . DIRECT / INDIRECT



- **Efficacy up to 123 LPW**
- 5 optics options
- Available in direct / indirect distribution
- Available in 90 CRI



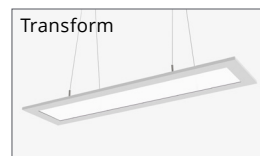
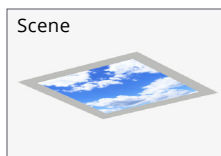
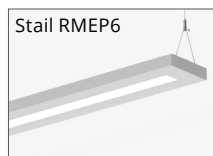
PART #:	
PREP BY:	DATE:
PROJECT:	QTY:
NOTES:	
APPROVAL SIGNATURE:	DATE (DD/MM/YYYY):

PERFORMANCE SUMMARY @ 3500K

		CM	ODCM	73M	35M	25CM
L3						
Lumens	80 CRI	5759	5544	5962	5773	5635
	90 CRI	5039	4851	5217	5051	4931
Distribution % (Up / Down)		65 / 35	54 / 46	73 / 27	34 / 66	26 / 74
Wattage		48.6				
Efficacy	80 CRI	119	114	123	119	116
	90 CRI	104	100	107	104	101
L70 Estimate (h)		≥ 60,000 hrs				

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

SIMILAR PRODUCTS



ORDERING LOGIC

Example Part Number: RMEP8-2L35K-8-CM-WT-L31-PA18-1-D-90

RMEP8										
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		
RMEP8	2L30K 3000K	4 4 ft	CM UP: Clear Optics, Straight Reflector DOWN: Meta Ice (65 Up / 35 Down)				SG Silver / Grey Textured Coat	L1	Select Driver below. See Light Level Performance chart on p2.	
	2L35K 3500K	8 8 ft	ODCM UP: Opal Optics, Straight Reflector DOWN: Meta Ice (54 Up / 46 Down)				WT White Textured	L2		
	2L40K 4000K	RA Continuous Rows Replace "A" with length in feet	73M UP: No Optics, Straight Reflector DOWN: Meta Ice (73 Up / 27 Down)				C Custom Finish Specify RAL:	L3		
90 CRI is available under OPTIONS	35M UP: No Optics, Angled Reflector DOWN: Meta Ice (34 Up / 66 Down)				L4					
			25CM UP: Clear Optics, Angled Reflector DOWN: Meta Ice (26 Up / 74 Down)							
			Meta Ice: High output semi-diffuse lens							
7. CIRCUITRY		8. MOUNTING			9. VOLTAGE		10. CONTROLS / SENSORS		11. OPTIONS	
1 1 Circuit	EM Emergency / Night Light * B Emergency Battery Pack *B (Remote Mounted)	PAA Pendant Aircraft Cable			1 120 V		_ None (leave space empty)		90 90 CRI, High R9	
		PTA Pendant Aircraft Cable for T-bar			2 277 V		D Wattstopper Daylight Sensor		_ None (leave space empty)	
		Replace "A" with length (inches) selected below. Select Aircraft Cable Length and Canopy Finish below			3 347 V		O Wattstopper Occupancy Sensor			
					4 UNV (120 - 277V)		DO Wattstopper Daylight and Occupany Sensors			

*Two wire entries required. | ^BBattery 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: _____

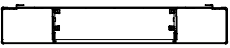
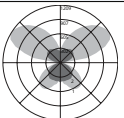
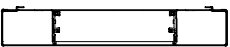
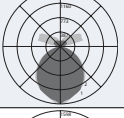
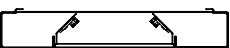
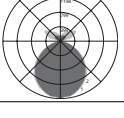
LIGHT LEVEL PERFORMANCE & PHOTOMETRIC DATA

3500K, 80 CRI, 0-10V Dimming (Standard), 4ft sections

Optics	CM			ODCM			73M			35M			25CM		
Light Level	Lumens	Wattage	Efficacy (LPW)	Lumens	Wattage	Efficacy (LPW)	Lumens	Wattage	Efficacy (LPW)	Lumens	Wattage	Efficacy (LPW)	Lumens	Wattage	Efficacy (LPW)
L1	3006	27.8	108	2842	27.8	102	3114	27.8	112	3014	27.8	108	2942	27.8	106
L2	3927	35.4	111	3712	35.4	105	4064	35.4	115	3936	35.4	111	3841	35.4	108
L3	5759	48.6	119	5544	48.6	114	5962	48.6	123	5773	48.6	119	5635	48.6	116
L4	9418	97.2	97	8902	97.2	91	9748	97.2	100	9440	97.2	97	9214	97.2	95

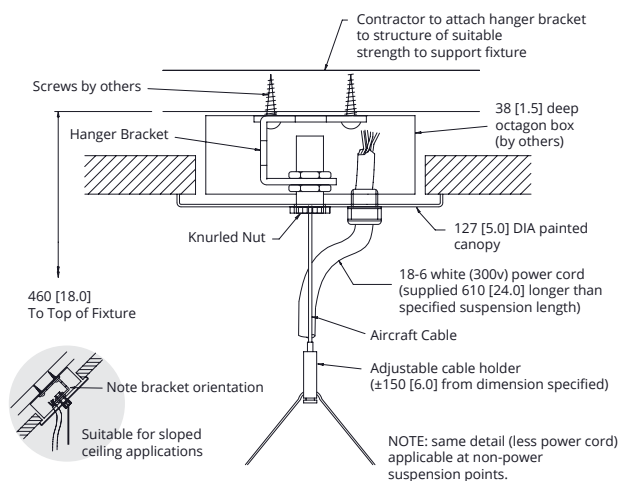
Lumen Adjustment Factor

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

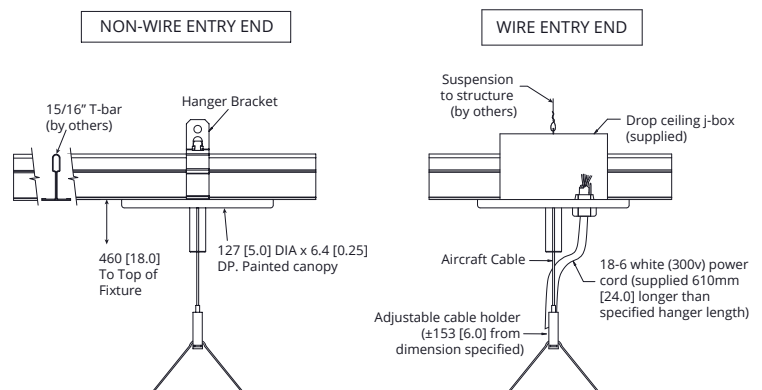
Optics and Cross Section	IES File	Lumens Delivered	Wattage	Efficacy (LPW)	Lumens (Down / Up)	Distribution % (Down / Up)	Distribution Curve
CM Clear Optics, Straight Reflector 	RMEP8-2L35K-4-CM-L1	3006	27.8	108	1035 / 1970	34 / 66	
	RMEP8-2L35K-4-CM-L2	3927	35.4	111	1351 / 2574		
	RMEP8-2L35K-4-CM-L3	5759	48.6	119	1987 / 3770		
	RMEP8-2L35K-4-CM-L4	9418	97.2	97	3246 / 6169		
ODCM Opal Optics, Straight Reflector 	RMEP8-2L35K-4-ODCM-L1	2842	27.8	102	1285 / 1608	44 / 56	
	RMEP8-2L35K-4-ODCM-L2	3712	35.4	105	1680 / 2091		
	RMEP8-2L35K-4-ODCM-L3	5544	48.6	114	2462 / 3079		
	RMEP8-2L35K-4-ODCM-L4	8902	97.2	91	4155 / 5187		
73M No Optics, Straight Reflector 	RMEP8-2L35K-4-73M-L1	3114	27.8	112	832 / 2278	27 / 73	
	RMEP8-2L35K-4-73M-L2	4064	35.4	115	1088 / 2975		
	RMEP8-2L35K-4-73M-L3	5962	48.6	123	1596 / 4364		
	RMEP8-2L35K-4-73M-L4	9748	97.2	100	2609 / 7135		
35M No Optics, Angled Reflector 	RMEP8-2L35K-4-35M-L1	3014	27.8	108	1982 / 1034	66 / 34	
	RMEP8-2L35K-4-35M-L2	3936	35.4	111	2587 / 1352		
	RMEP8-2L35K-4-35M-L3	5773	48.6	119	3797 / 1980		
	RMEP8-2L35K-4-35M-L4	9440	97.2	97	6211 / 3237		
25CM Clear Optics, Angled Reflector 	RMEP8-2L35K-4-25CM-L1	2942	27.8	106	2183 / 761	74 / 26	
	RMEP8-2L35K-4-25CM-L2	3841	35.2	108	2851 / 994		
	RMEP8-2L35K-4-25CM-L3	5635	48.6	116	4180 / 1461		
	RMEP8-2L35K-4-25CM-L4	9214	97.2	95	6842 / 2381		

HANGER

Aircraft Cable & Cord



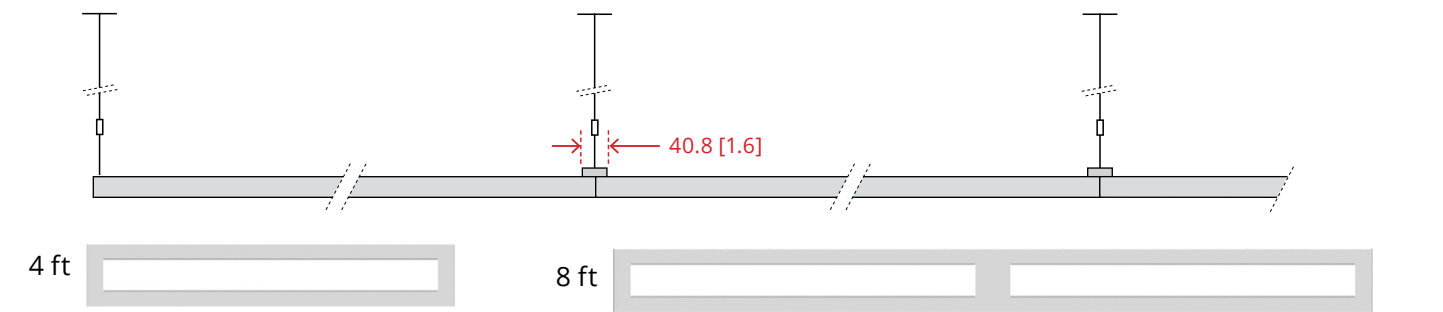
T-Bar Aircraft Cable & Cord



NOTE:

Any changes to cable or the removal of crimps, transfers liability from Metalumen Mfg. Inc. to contractor making the alterations.

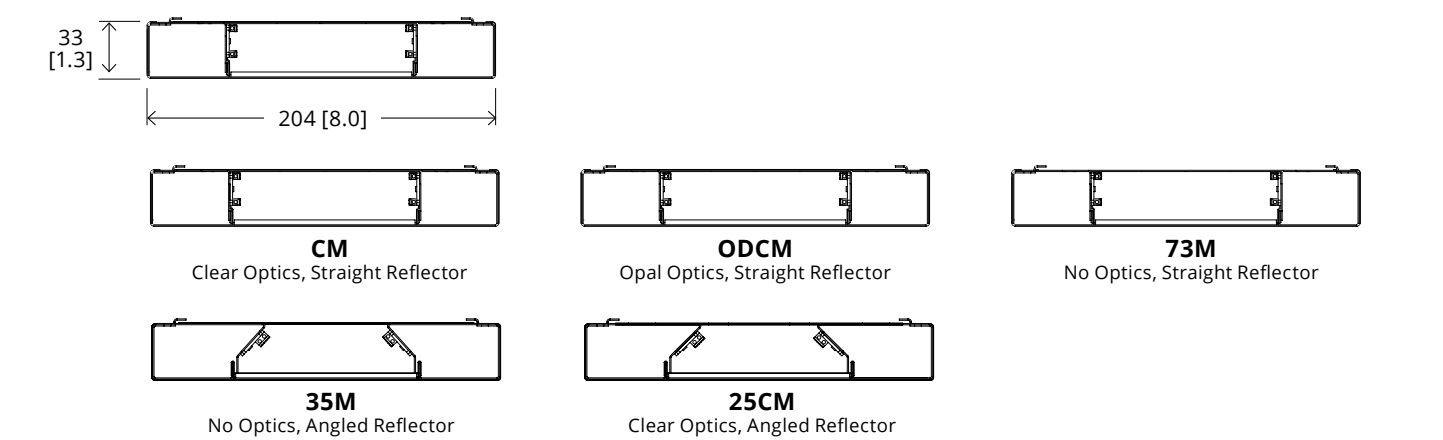
CONTINUOUS ROWS



WIRING

Standard	Emergency	Emergency Battery Pack
BLACK - LINE WHITE - NEUTRAL GREEN - GROUND RED - CAPPED OFF VIOLET - DIM(+) PINK - DIM(-)	BLACK - LINE WHITE - NEUTRAL GREEN - GROUND RED - CAP OFF	BLACK - LINE WHITE - NEUTRAL GREEN - GROUND RED - UNSWITCHED HOT

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: 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: 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 are standard finishes. For custom finish, contact factory. Weight: 1.8 kg/300mm [4 lb/ft] Mounting: Aircraft cable with 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. Approvals: All components are UL/	CSA/QPS recognized or listed. RoHS compliant. This product is cULus listed. Environment: Suitable for dry locations. *Standard drivers compatible with passive/sinking dimmers. Please contact Metalumen if active/sourcing dimmer support is required.
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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.