eralux®

LINEAR LED LIGHT

Wrap Around Light | 2' & 4'

The MoonRaker series is an affordable, energy-efficient linear strip light available in 2' and 4' lengths. Designed for surface mounting or suspension. It offers over 110 LPW efficacy, a wide 120-347V range, and easy maintenance with snap-lock access. With adjustable light output and CCT options provides flexibility to suit various environment. The MoonRaker combines efficiency, versatility and easy maintenance.

Application: Industrial | Commercial | Office | Warehouse | Retail Stores | Parking.

	DATE	QTY	ACC. QTY	TYPE
PROJECT			'	
PN				
ACCESSORY PN				
NOTES				

(P) DYNAMIC MENU			
Order Information	Page 2		
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Photometric Data	Page 5		

Install Instruction link

SPECIFICATIONS

Input Voltage	120-347V		
Power Factor	>0.9		
Total Harmonic Distortion	<20%		
Dimming	0-10V dimming		
CRI	80 CRI		
сст	30K 35K 40K 50K		
Efficacy	≥110 lm/w	1438 lm/ft	
Length (feet)	2'	4'	
Power (watt)	25/20/15 50/40/30		
Ambient Temperature Range	-20°C to 40°C		
Mounting Options	Suspended Surface mount		
Fixture Finish	White		
Custom Design	Continuous run		
Distribution	Lambertian		

110°





PRODUCT FEATURES









PRODUCT CERTIFICATIONS









Design Lights Consortium® (DLC) qualified product. Not all versions of this product may be DLC qualified. Please check the DLC Qualified Products List at www.designlights.org/QPL to confirm which versions are qualified" page 6

SYSTEM WARRANTY – 5 YEARS

Eralux will warrant defective drivers, LEDs and boards for 5 years from the date of purchase. This warranty is valid only if the fixture is installed and used as per installation guides and specifications. If a defect is present, Eralux will send drivers and boards at no fee with a thorough replacement instructions along with instructions on the return of the defective parts back to Eralux.

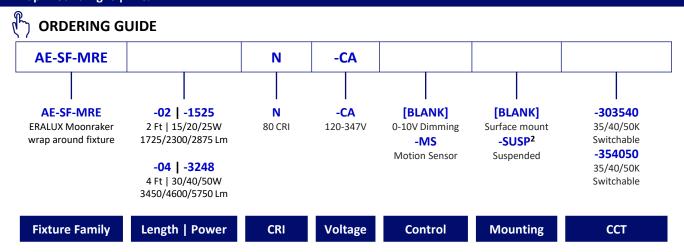
LUMEN MAINTENANCE - L75 at 100,000 hours

Rated for 75% initial lumen output at 100,000 hours of operation, operated at 25°C ambient temperature; per guidelines published by the Illuminating Engineering Society (IES).



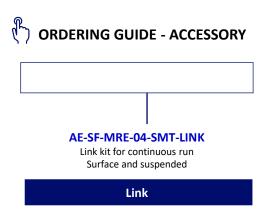
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CAUTION

If there are multiple fixtures connected to the same 0-10V dimming line, a 0-10V controller must be considered to enable consistent dimming across the fixtures. Failure to do so will lead to inconsistent dimming and behaviors in the fixtures. Single switch is not recommended for controlling multiple fixtures simultaneously.

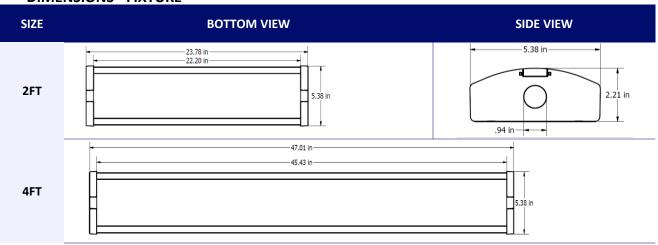




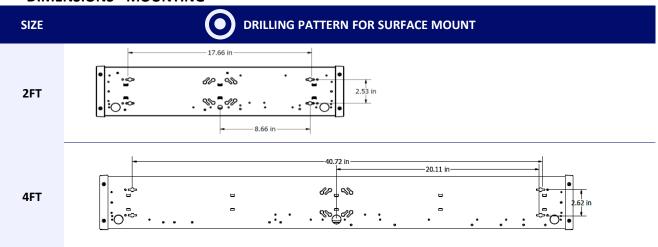
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DIMENSIONS - FIXTURE



DIMENSIONS - MOUNTING



ACCESSORIES FOR SUSPENDED

Ordered separately if needed

ACCESSORIES					
ORDER CODE	DESCRIPTION	PICTURE			
AE-SF-MRE-SUS-KIT	Suspension kit: 1 set has two 9.5ft aircraft cables				
AE-SF-MRE-04-SMT-LINK	Link kit: Row link for continuous run With Electrical link For surface and suspended				



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CONTROLS

MOTION SENSOR

Ordered separately, field installed

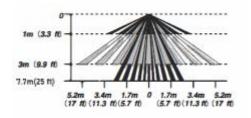
PART NUMBER	DESCRIPTION		
AE-SF-MRE-MS	BI-Level Microwave Motion Sensor		
AE-SF-MRE-MS-REMOTE	RC102 Remote Control		



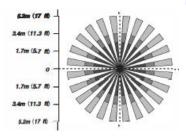


Zone Coverage

Side View



Top View



Sensitivity

The sensitivity can be adjusted with four options 20%, 50%, 75% and 100% using switches 1 and 2 $\,$

Hold Time

The hold time can be 10 seconds, 1, 5, or 15 minutes using the switches 3 and 4

Light-control

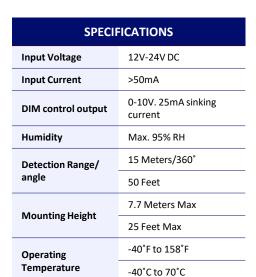
The response threshold ranges from 10 to 50 lux, adjustable with switches 5 and 6.

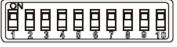
Stand-by Light level

The standby light level ranges from 0 to 50%, adjustable with switches 7 and 8.

Stand-by Time

The standby time ranges from $+\infty$ to 60 minutes, adjustable with switches 9 and 10.



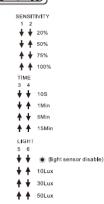














↑ 10%
 ↑ 30%



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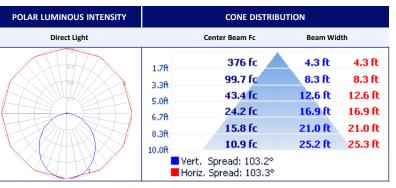
LUMEN ESTIMATE

Lumen output varies based on CCT and CRI. An estimate of lumen output of the various CCT/CRI combinations, use correction factors as per table below:

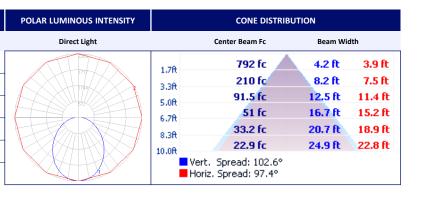
LUMEN ESTIMATE ADJUSTMENT FACTORS				
сст	3500K	4000K	5000Κ	
80CRI	0.97	1	1.03	

PHOTOMETRIC DATA

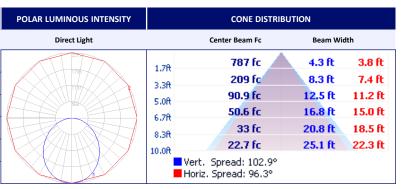
PART NUMBER		ZONAL LUMEN SUMMARY		
AE-SF-MRE-02-15	25N-CAXXXX	Zone	Lumens	% Fixture
Wattage	25W	0-20°	391.61	13.4
сст	5000K	0-30°	819.55	28.1
Distribution	110°	0-40°	1318.79	45.3
Length	2ft	0-60°	2253.9	77.4
		0-80°	2766.6	95
		0-90°	2833.9	97.3



PART NU	PART NUMBER		ZONAL LUMEN SUMMARY		
AE-SF-MRE-04-32	AE-SF-MRE-04-3248N-CAXXXX		Lumens	% Fixture	
Wattage	50W	0-20	820.34	13.9	
ССТ	4000K	0-30	1707.92	28.9	
Distribution	110°	0-40	2730.81	46.2	
Length	4ft	0-60	4608.39	78	
		0-80	5631	95.2	
		0-90	5781.13	97.8	



PART NU	PART NUMBER		ZONAL LUMEN SUMMARY		
AE-SF-MRE-04-32	248N-CAXXXX	Zone	Lumens	% Fixture	
Wattage	50W	0-20	812.66	13.8	
сст	5000K	0-30	1689.43	28.7	
Distribution	110°	0-40	2698	45.8	
Length	4ft	0-60	4548.99	77.3	
		0-80	5563.91	94.5	
		0-90	5715.39	97.1	





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OVERVIEW



Innovative Design

- Extruded aluminum housing for better heat dissipation.
- Highly durable polycarbonate and high transmittance lens.



Multiple Options

- Two standard length available: 2 and 4ft.
- Three CCT switchable 30/35/40K or 35/40/50K and power tunable.
- Black & white finishes.







<u>Accessories</u>

- Suspension kit
- Motion sensor





Mountings Available

- Suspended
- Surface mount







Tests And Certifications











DLC MODEL	PRODUCT ID	APPLICATION
AE-SF-MRE-02-1525N-CA	S-6KPPG5	(Direct Linear Ambient) – DLC
AE-SF-MRE-04-3248N-CA	S-P7Z9VS	(Direct Linear Ambient) – DLC