

MAES RUNLUX LED
Vapor Tight Light
Fixture
R5





LED Vapor Tight Light Fixture – R5 series



Overview



MAES RUNLUX LED vapor tight light fixture R5 with **IP66 and IP69K** protection for use in applications with high demands on variability, efficiency, quality of light, and technology. Surface mounted and suspended luminaires for damp environments. Suitable for use in food processing facilities, industrial facilities, parking garages, and so on. It is supplied with high energy efficiency up to 160lm/W and powered by low constant current driver, which is safe, energy-saving and long-life span. 0-10V dimming driver as standard combined with 3 CCT and wattage switches. Luminaire body is of polycarbonate and in color of light grey. Thanks to the excellent thermal management, the luminaire has been ensured 5 years warranty.

Advantages

- High power LED chips for high system efficiency up to 160 lumen/watt
- Milky and anti-glare lens optional
- Integrated LED gear tray and lens for quick installation
- Practical cable entries in the rear, face, and side significantly simplify the installation
- **Manufacturing in Cambodia for TAA compliant**

Features

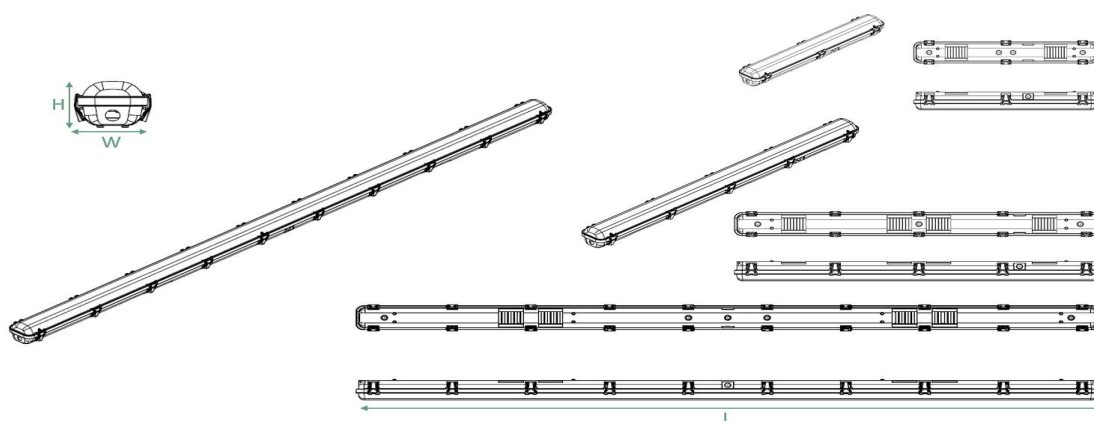
- Complete product range including **2FT, 4FT, and 8FT**;
- Polycarbonate constructed body and lens and supplied with stainless steel latches
- Housing can be achieve solid structure and 5VA flaming resistant
- NSF certificated for food processing facilities
- Selectable CCT 3500K, 4000K, &5000K
- Optional input voltage 120~277V and 120~347V;
- Emergency and sensor options available
- 5 Years Warranty

Specification

Model	Part No.	Power	Lumen	Efficiency	Dimensions
2 FT DLC 5.1 Premium as Stairwell and Passageway Luminaires & DLC 5.1 Standard as Linear Ambient					
2 FT	R5-2VTA25WD(HV1)3P-3CK	25W/20W/15W	3,500lm	140lm/W	25.59x4.17x3.35 inch [650x106x85 mm]
4 FT DLC 5.1 Premium as Low-Bay or Stairwell and Passageway Luminaires & DLC 5.1 Standard as Low bay or Linear Ambient					
4 FT	R5-4VTA35WD(HV1)3P-3CK	35W/28W/20W	4,900lm	140lm/W	46.65x4.17x3.35 inch [1185x106x85 mm]
4 FT	R5-4VTA46WD(HV1)3P-3CK	46W/38W/30W	6,440lm	140lm/W	
4 FT	R5-4VTA60WD(HV1)3P-3CK	60W/45W/30W	8,400lm	140lm/W	
New 4 FT DLC 5.1 Premium as Low-Bay or Stairwell and Passageway Luminaires & DLC 5.1 Standard as Low bay or Linear Ambient					
Non-isolated driver, DLC 6.0 as low bay and linear ambient					
4 FT(new)	R5-4VTA50WD(HV1)3P-3CK	50W/40W/30W	7,500lm	150lm/W	
4 FT(new)	R5-4VTA60WD(HV1)3P-3CK	60W/45W/30W	9,000lm	150lm/W	
4 FT(new)	R5-4VTA75WD(HV1)3P-3CK	75W/60W/45W	11,250lm	150lm/W	
8 FT DLC 5.1 Premium as High-Bay or Stairwell and Passageway Luminaires & DLC 5.1 Standard as High bay or Linear Ambient					
8 FT	R5-8VTA65WD(HV1)3P-3CK	65W/55W/45W	9,750lm	140lm/W	92.91x4.25x3.35 inch
8 FT	R5-8VTA90WD(HV1)4P-3CK	90W/75W/65W/55W	12,600lm	140lm/W	[2360x108x85 mm]
8 FT	R5-8VTA110WD(HV1)4P-3CK	110W/90W/75W/65W	15,400lm	140lm/W	
Non-isolated driver, DLC 6.0 as high bay					
8 FT(new)	R5-8VTA80WD(HV1)3P-3CK	80W/65W/55W	12,800lm	160m/W	
8 FT(new)	R5-8VTM100WD(HV1)3P-3CK	100W/80W/60W	16,000lm	160lm/W	
8 FT(new)	R5-8VTM125WD(HV1)3P-3CK	125W/100W/75W	20,000lm	160lm/W	

Important noted: If the lens change to the milky lens, the Lumen efficiency will be reduce 5Lm/W

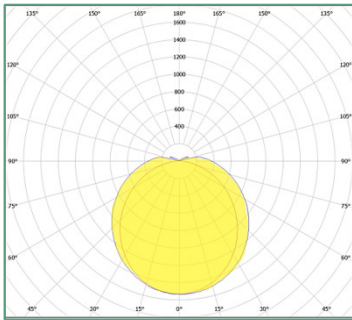
Dimensions



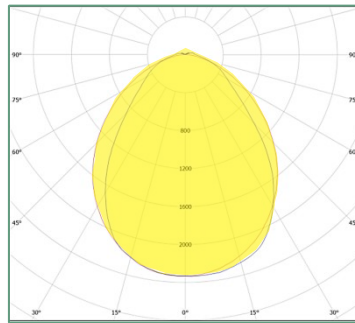
Model	Length	Width	Height
2 FT	25.59 inch [650 mm]	4.17 inch [106 mm]	3.35 inch [85mm]
4 FT	46.65 inch [1185 mm]	4.17 inch [106 mm]	3.35 inch [85mm]
8 FT	92.91 inch [2360 mm]	4.25 inch [108 mm]	3.35 inch [85mm]

Photometric

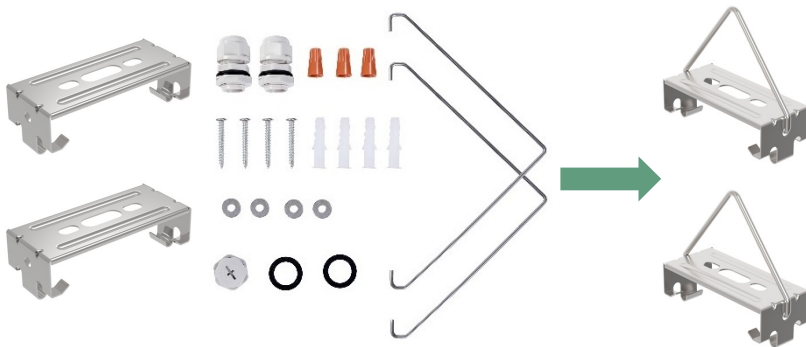
Milky Lens



Anti-glare Lens

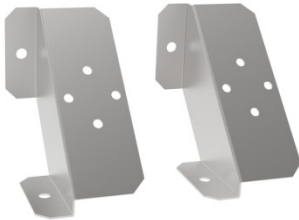


Standard Mounting Brackets (Surface mounted or Suspended)



Optional Mounting Brackets

Angle Brackets



Tamper Proof Brackets



Junction Box Bracket



Emergency battery kit



Daylight Harvest Microwave Sensor



Technical Data

Efficacy	145lm/W if Anti-glare Lens and Built-in Lens or 140lm/W if Milky Lens
CRI (Ra)	>80
Color Temp.	3500K-4000K-5000K Switchable
Light Source	SMD2835
Beam Angle	110°
Service Life	50.000 h
IP Rating	IP66- IP69
Impact Resistance	IK10
Flame Resistance	5VA
Dimmable	0-10V dimming
Nominal Frequency	50/60Hz
Power Factor	>0.9
Input Voltage	HV1 = 120~347V, blank = 120~277V
Auxiliary Output	12V
Surge Protection	2.5KV
Housing Color	Gray
Housing Material	Polycarbonate (PC)
Lens Material	Polycarbonate (PC)
Working Temp.	-40°C~+40°C / -40°F~+104°F
Mount	Surface Mounted & Suspended as Standard; Angle Brackets, Tamper Proof Brackets or Junction Box Bracket Optional
Package	1pcs per inner box, 4pcs per master box for 2 ft & 4ft; 1pcs per master box for 8ft
Warranty	5 Years

According to the International Standard of LED luminaire, formally claims this product is only allowed to be applied to damp environment. Meanwhileromises full warranty for the products. Any severe environment application including high/low temperature, high humidity, high salinity, high ammonia etc. is not permitted without the official confirmation from the manufacturer. If any misapplication happens, the warranty policy is no longer guaranteed. All values are typical values measured under laboratory conditions at 25 °C. Specifications subject to change without notice.

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