

## Specification Summary

The **RAL1M Area Light Series** delivers uniform and powerful illumination for less than a 1/3 of the power consumption of traditional lighting. This series is suited for replacing the pre-existing footprint of their traditional counterparts and provide a sleeker look and feel. They can replace up to 400W of traditional lighting power.

The rugged die cast aluminum housing design matches the originally intended design of its traditional counterpart and is made for commercial and industrial usage. An optional photocell or motion sensor allows for additional automatic energy savings.

Applications include site, area, roadway and general lighting applications.

## Electrical

The robust internal driver accepts 120-277VAC and ensures that there is no variation in light output regardless of input voltage variations. The 3-wire cord can be connected through the back along with 0-10V dimming. Additional surge protection can be added.

## Optics

The fixture is covered with a UV protectant lens that distributes in an even and uniform fashion that meets ANSI lighting distribution types.

## Finish

The fixture is cleaned and then taken through a pretreatment and chemical coating process. A durable polyester powder coating is then electrostatically applied to at least 2mm. The process ensures protection from impact, UV and other harmful particulates.

## RAL1M



## Warranty

A 5 Year Limited Luminaire Warranty is issued to the original purchaser that the luminaires shall be free from defects in material and workmanship for up to five years from date of shipment. This limited warranty covers the fixture, LED Driver and LEDs when installed and operated according to the manufacturer's instructions. See RET's Warranty and Full Terms and Conditions.

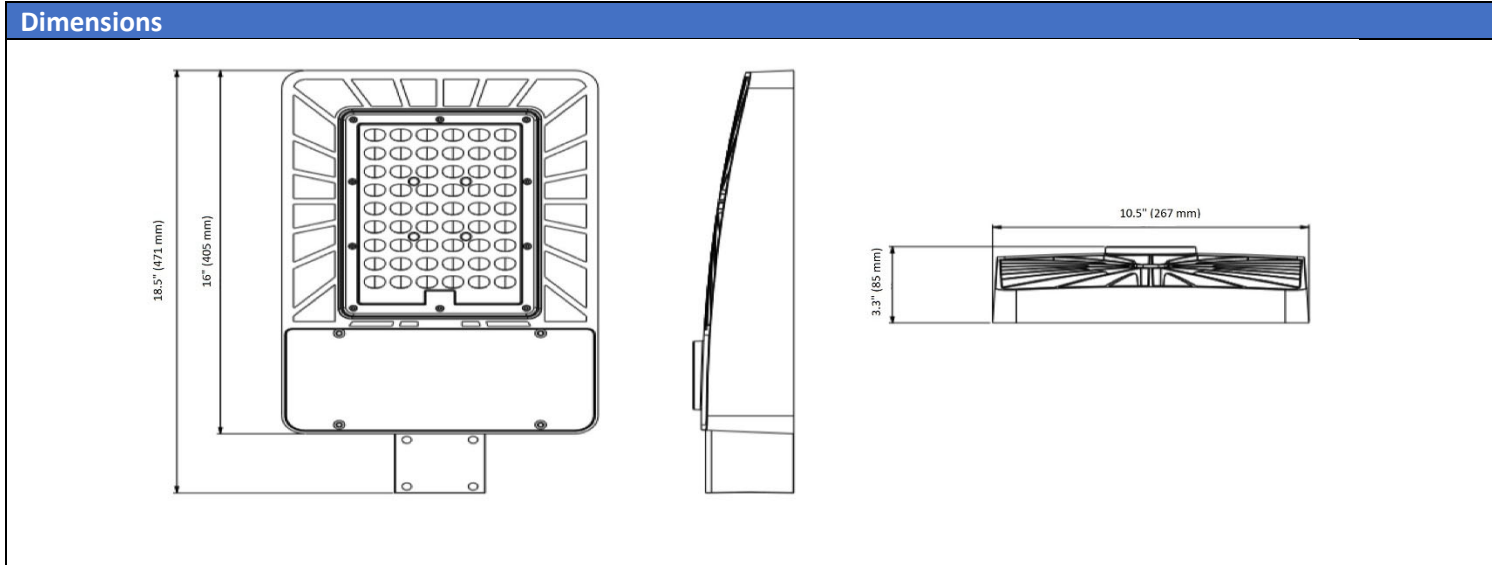
## Listings and Ratings

The fixture is ETL approved and listed with the DLC.

## Mounting

The fixtures design enables quick and easy installation where it can be positioned and wired conveniently. Optional mounting arms are available.

Model	Wattage	Color Temp	Sensor Options	Options	Accessories
RAL1M	70 – 70W 100 – 100W 150 – 150W	50 – 5000K	R3 – Receptacle 3 Pin R5 – Receptacle 5 pin R3P – R3 w/ Photocell MS – Motion Sensor	T3 – Type III Optics T4 – Type IV Optics T5 – Type V Optics	ASF – Adjustable Slip Fitter SA6 – Straight Arm 6" AT – Adjustable Trunnion SP10 – Surge Protector 10KA SP20 – Surge Protector 20KA



Model	Input Power	Lumen Output	Efficacy	Color Temp	CRI	Safety	DLC
RAL1M-70-50	70W	10,000 lumens	143 lm/W	5000K	70	ETL Listed	Premium
RAL1M-100-50	100W	14,500 lumens	145 lm/W	5000K	70	ETL Listed	Premium
RAL1M-150-50	150W	21,000 lumens	140 lm/W	5000K	70	ETL Listed	Premium

Performance Summary	
Input Voltage	120-277VAC
Power Factor	> 0.9
THD	< 20%
Average Efficacy	143 lm/W
CRI	>70
Color Temp	5000K
Controls	Photo & Motion
Operating Temp.	-20C to 40C
Ingress Protection	Wet Location
Lifetime	>50,000hrs
Warranty	5 Years
Performance Standard	DLC Premium
Safety Standard	ETL Listed

