

LUMI PRO RA Series LED High Bay

Next-generation lighting for outdoor/indoor spaces.

Project:

QTY:

Email:

Phone:

Overview:

The RA series LED high bay light is the jack of all trades when it comes to practicality. This simple yet impactful design provides a broad range of versatility, solving most of your lighting necessities and is modular by also providing a lot of mounting options. Not only is this light perfect for lighting large indoor facilities but having an IP rating of 66 and four different mounts to chose from, this extremely water resistant and durable series is also perfect for expansive outdoor areas, allowing itself to be mounted on most places.

Highlights:

- Optimized heat dissipation due to fin design, adjective holes and fin grooves
- 4kV Surge protector
- Suitable for wet locations, IP 66 rated.
- Glass lens light transmittance over 94%

LED Chip Info	Characteristics
Watt Usage: 100-255W	Certifications: ETL, DLC Premium, RoHS
Color Temp: 4000K-5700k	10 year limited warranty.
CRI: >70	Warranty: For terms visit www.poliledsigns.com/warranty
Lumens: 13,000-33,150LM	
Efficacy: 150LM/W(±10%)	
Lifetime: 50,000+ hours	
Input Voltage: 100-277VAC	
Replaces	Construction
General Area Lighting	Operating Temp. Range -20°C ~ +40°C
	Housing Die-cast Aluminum
	Mounting Hook/Loop/Wall/Pendant
	Lens Tempered Glass
	IP rating IP66

Application:

Warehouse and/or expansive indoor/outdoor facilities.

Power	Lumen Output	Replaces HID	Dimensions
100 W	13000 LM	320 W	11.61" x 8.25"
120 W	15600 LM	400 W	11.61" x 8.25"
150 W	19500 LM	450 W	11.61" x 8.25"
200 W	26000 LM	600 W	13.79" x 8.71"
240 W	31200 LM	750 W	13.79" x 8.71"
255 W	33150 LM	1000 W	13.79" x 8.71"

Ordering

Example Model Number: 9-HB-RA100-50k-BK-FL1

9-HB-RA

Series	Watt		Color Temp.	Mounting Type	Finish	Accessories	
1-ST-RM	100 100 watt	200 200 watt	40K 4000K	A Hook	WH White	FL1 Frosted cover	WG Wire guard
	120 120 watt	240 240 watt	45K 4500K	B Loop	BK Black	FL2 Frosted lens	
	150 150 watt	255 255 watt	50K 5000K	C Wall	CU Custom	MS Motion sensor	
			57K 5700K	D Pendant		PC Polycarbonate cover	



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10 Year Warranty We believe in our product quality and offer the warranty to prove it. Unlimited lifetime support is also included, call us anytime.



IP66 Rated Maximum protection against dust and water. Withstands all weather types with silicone sealed gaskets and tight manufacturing tolerances.



DLC Premium Certified Product has been approved by a DLC laboratory conforming to their strict performance and energy efficiency standards.



RoHS Compliant RoHS certifies a product to be free from hazardous materials such as lead, mercury, and others to ensure a safer environment.

Mounting options

Ceiling with loop:

1. Fix the luminaire with a chain to the ceiling ;
2. Use the buckles to fix safety rope with the body and loop;
3. Connect the wires.



Ceiling with hook:

1. Unscrew the hook, fix the luminaire to the installation holders and screw the hook tightly;
2. Use the buckles to fix the safety rope with the body and hook;
3. Connect the wires.



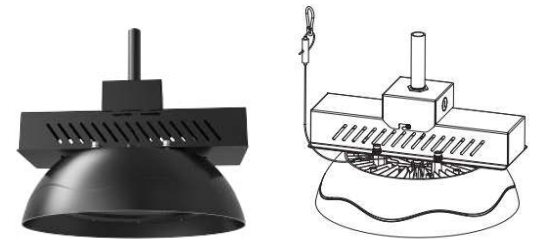
Wall mounting:

1. Trepan the installation holes as the size of the following figure;
2. Use M 10 screws to tighten the luminaire. The holder can be adjusted from 60D to 120D;
3. Connect the wires;
4. Use the buckles to fix the safety rope with the body and loop.

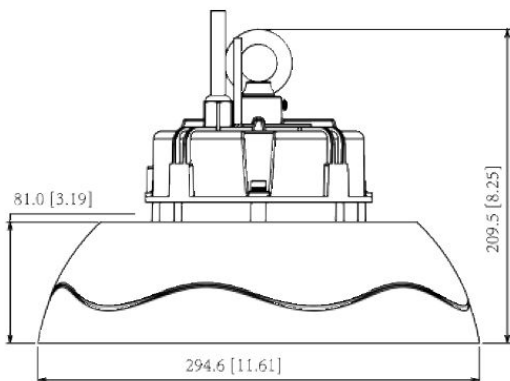


Pendant Mounting:

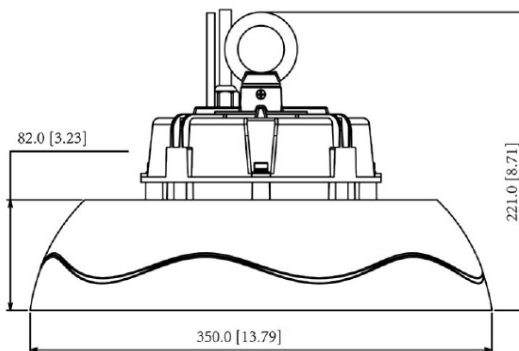
1. Fix the luminaire with bar and tighten the pole with an anti-skid screw;
2. Use the buckles to fix safety rope with the body and ceiling;
3. Connect the wires.



Dimensions:



100W 150W



200W 240W 255W



Optional wire guard
accessory

LUMI PRO RM Series LED Area Light

Next-generation lighting for outdoor spaces.

Project:

QTY:

Email:

Phone:

Overview:

The RM series is meant to impress. Each component is made by the top manufacturer in their product segment. Expect lighting protection, 10 year warranties, DLC Premium, and much more from the best street and parking lot fixtures to have hit the market.

Highlights:

- 130lm/w or 150lm/w
- UL Listed and DLC Premium fixture for maximum rebate
- 0-10V dimmable
- CRI >90 and PF >90
- 10 year warranty
- 10kV surge protection and 20kV lightning arrester
- Suitable for wet locations

LED Chip Info	Characteristics
Watt Usage: 60-300W	Certifications: UL, DLC Premium
Color Temp: Daylight 4K-5.7k	10 year limited warranty.
CRI: >70	Warranty: For terms visit www.poliledsigns.com/warranty
Lumens: up to 45,000	Construction
Efficacy: 130-150lm/w	Operating Temp. Range -20°C ~ +40°C
Lifetime: 50,000+ hours	Housing Tinted silicone casing with waterproof end caps
Input Voltage: 100-277VAC	Mounting Slip fitter/Wall and pole
	Lens Type 1~5
	IP rating IP65

Replaces
General Area Lighting

Application:

Used for general outdoor lighting. Exceptional at replacing lighting in parking lots, bridges, etc.

Power	Lumen Output	Replaces HID	LED Quantity	Dimensions
60 W	7800 LM	180 W	68	21.8" x 13.2"
100 W	13000 LM	320 W	98	21.8" x 13.2"
120 W	15600 LM	400 W	126	21.8" x 13.2"
150 W	19500 LM	450 W	154	21.8" x 13.2"
200 W	26000 LM	600 W	196	29.3" x 13.2"
240 W	31200 LM	750 W	252	29.3" x 13.2"
300 W	39000 LM	1000 W	308	29.3" x 13.2"

Ordering

Example Model Number: 1-ST-RM100-50K-B-SC

1-ST-RM

Series	Watt		Color Temp.	Mounting Type	Sensor	Distribution		Finish	
1-ST-RM	60	200	40K	A	S	T1	T5	WH	BK
	60 watt	200 watt	4000K	Slip Fitter	Photocell Sensor (Dusk-To-Dawn)	Type 1	Type 5	White	Black
	100	240	45K	B	MS	T2		BR	
	100 watt	240 watt	4500K	Adjustable Square Pole/Wall	Motion Sensor	Type 2		Bronze	
	120	300	50K	C	SC	T3		SL	
	120 watt	300 watt	5000K	Square Pole/Wall	Shorting cap	Type 3		Silver	
	150		57K		Blank	T4		CU	
	150 watt		5700K		No Sensor	Type 4		Custom	



200 W - 300 W



60 W - 150 W



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Ten year warranty we believe in our product quality and offer the warranty to prove it. Unlimited lifetime support is also included, call us anytime.



IP65 Rated Maximum protection against dust and water. Withstands all weather types with silicone sealed gaskets and tight manufacturing tolerances.



DLC Certified Product has been approved by a DLC laboratory conforming to their strict performance and energy efficiency standards.

Accessories

Mounts:



Direct (DI)



Slip Fitter (SF)



Square / Round Pole



Trunnion (TR)



U Bracket

Additional Options:



Microwave motion sensor



Lightning arrester



Socket base of photocell

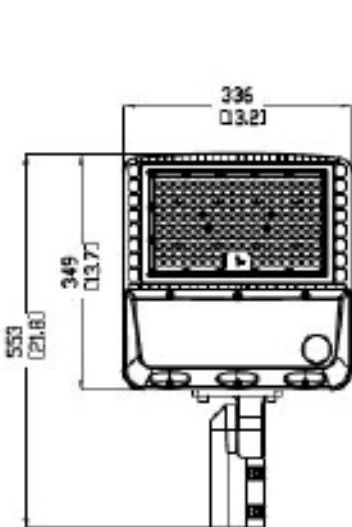


Shorting cap

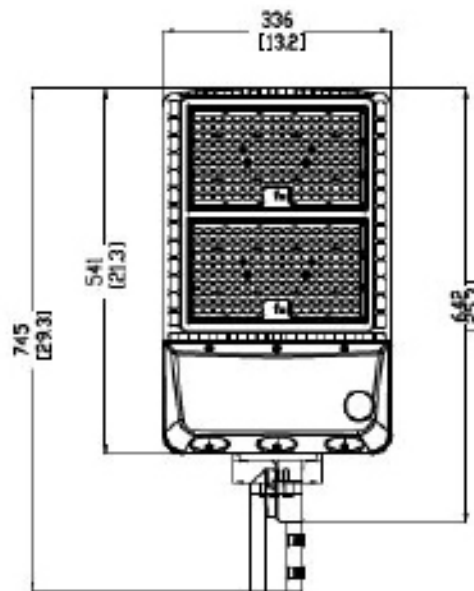
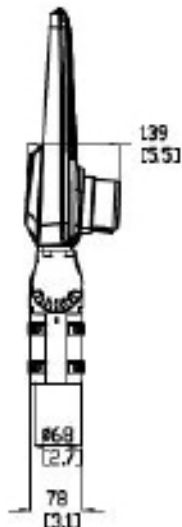


Photocell (Dusk to dawn)

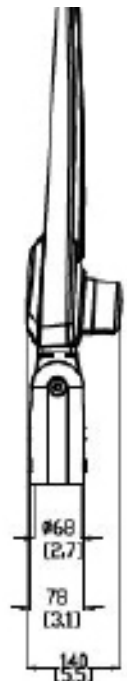
Dimensions:



60-150W



200-300W





LM Series LED Flood Light

Next-generation lighting for outdoor spaces.

Project:

QTY:

Email:

Phone:

Overview:

With an IP rating of 66 and a full aluminum body housing, this durable and waterproof design makes the LM series an incredible flood light specialized for outdoor lighting.

Highlights:

- Easy Mounting/Installation: knuckle mounting bracket allows for beam angle adjustment up to 360 degrees and illumination of the intended area.
- Color Temperature: glare-free light beam.
- Lumen Output: This fixture can provide a lumen up to 6000lm and cover huge areas.
- An Energy-saving lighting fixture: A 30W of LED flood light can replace a 150W of metal-halide.
- Weatherproof: With an IP rating of 66, this LED flood light fixture can withstand harsh weather condition to protect against any ingress of dust or moisture.
- 10 Years of Manufacturer's Warranty
- Beam Angle: 110/150 degrees or more.
- Longer lasting: lifetime of 50,000 hours or more.
- Voltage Input: This fixture is applicable to a low voltage input of 120-277V.

LED Chip Info		Characteristics	
Watt Usage:	10-50W	Certifications:	ETL, DLC premium and ROHS
Color Temp:	3000K-5700K	Warranty:	10 year limited warranty. For terms visit www.poli-led.com/warranty
CRI:	>70Ra	Construction	
Efficacy:	130Lm/w		
Chip:	SMD2835	Operating Temp. Range:	-20°C~+40°C
Beam Angle:	120°	Housing:	Die-cast aluminum
Lifetime:	>50,000 hours	Lens:	Polycarbonate optical lens
Driver Info		IP rating:	IP66
Input Voltage:	100-277V		
Power Factor:	>90%		
Dimming Functions:	Triac-Dimmable 10%~100%		

Model Number	Wattage	Total Lumen Output	Replace HID	Dimensions (Knuckle mount)
F-LM10-50K	10W	1000lm	25-35W	5.82"x4.33"x1.46"
F-LM20-50K	20W	2200lm	55-65W	7.32"x6.69"x2.01"
F-LM30-50K	30W	3300lm	80-100W	7.32"x6.69"x2.01"
F-LM50-50K	50W	6000lm	140-160W	8.07"x7.87"x2.28"



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RoHS Compliant RoHS certifies a product to be free from hazardous materials such as lead, mercury, and others to ensure a safer environment.

ORDERING

Example Model Number: F-LM10-50K-A-BR

After selecting model number and filling out top right information, send completed PDF to sales@poliledsigns.com or your dedicated sales representative

F-LM

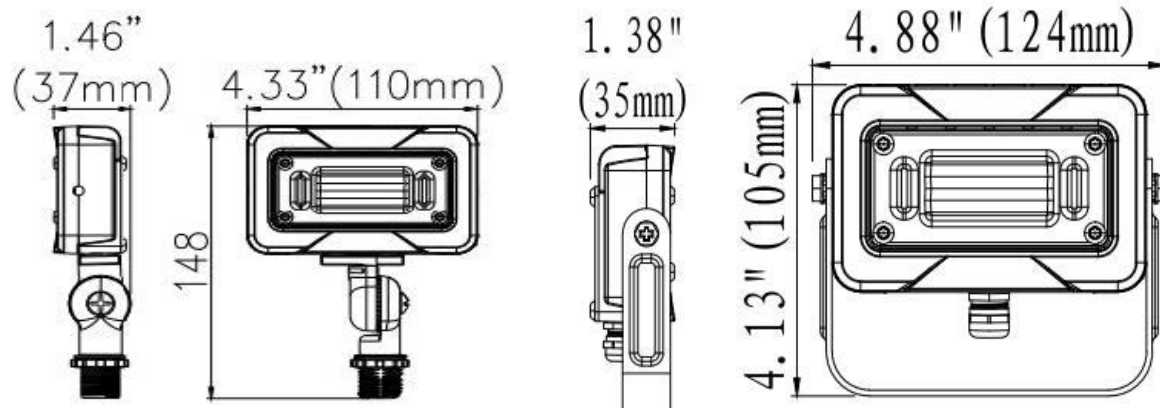
Series	Watt	Color Temp.	Sensor	Mounting	Finish
F-LM	10	30K	S Photocell	A Knuckle mount	BR Bronze
	10 watt	3000K			
	20	40K	B Sensor (Dusk-To-Dawn)	B U bracket mount	BK Black
	20 watt	4000K			
	30	50K	NS No Sensor		CU Custom
	30 watt	5000K			
	50	57K			
	50 watt	5700K			



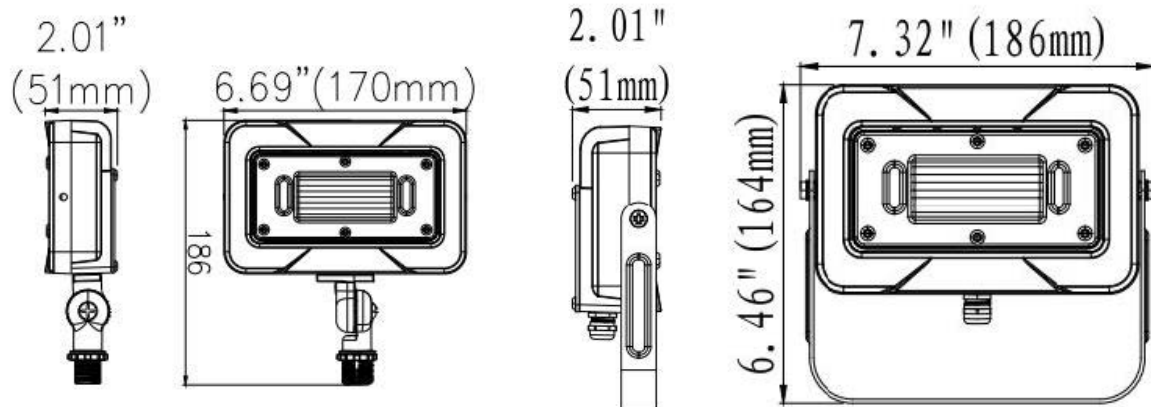
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Dimensions

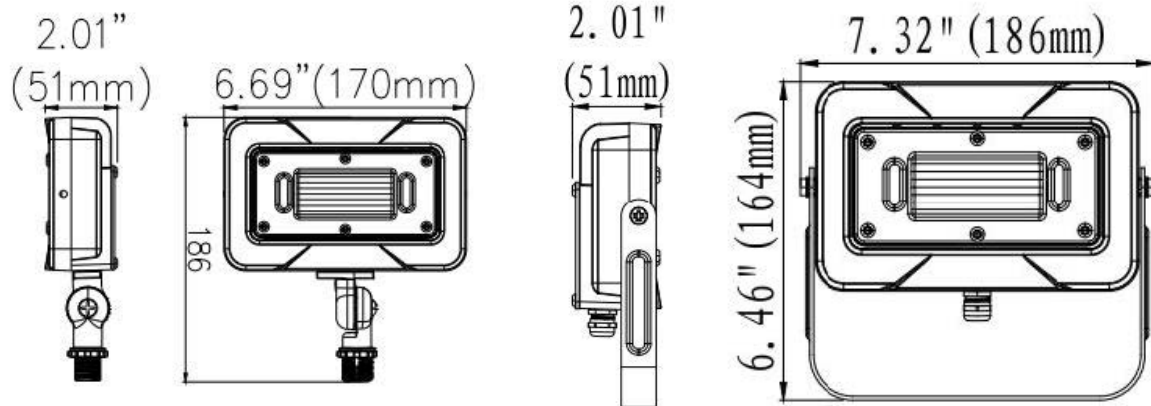
F-LM10-50K



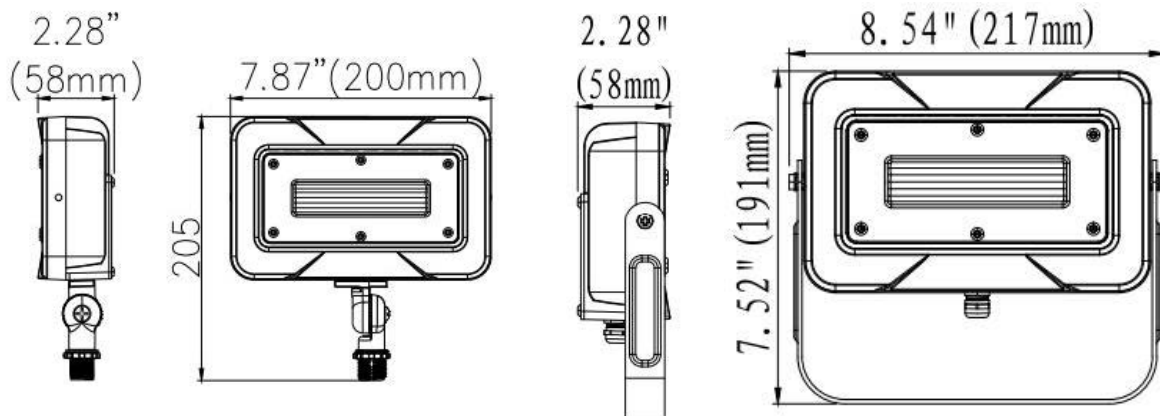
F-LM20-50K



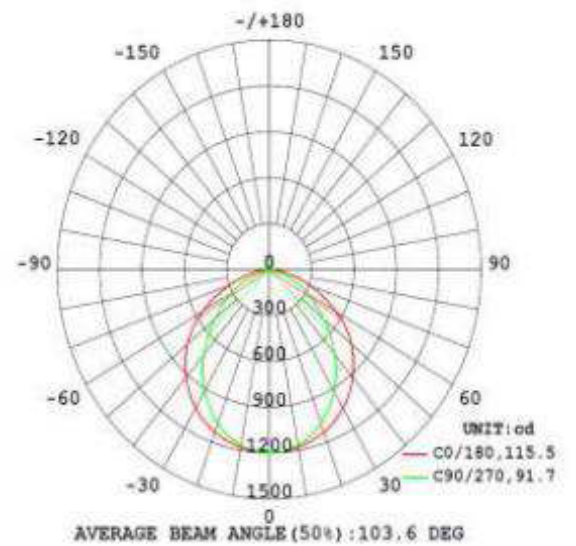
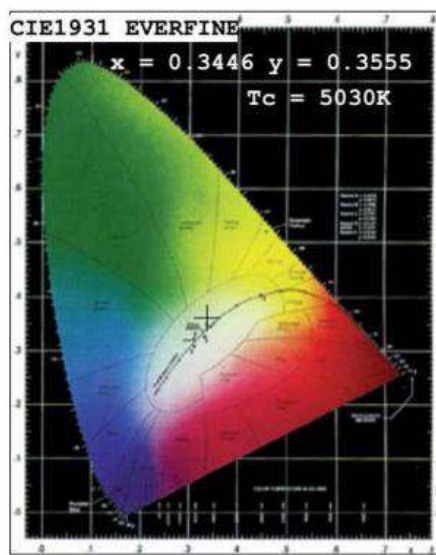
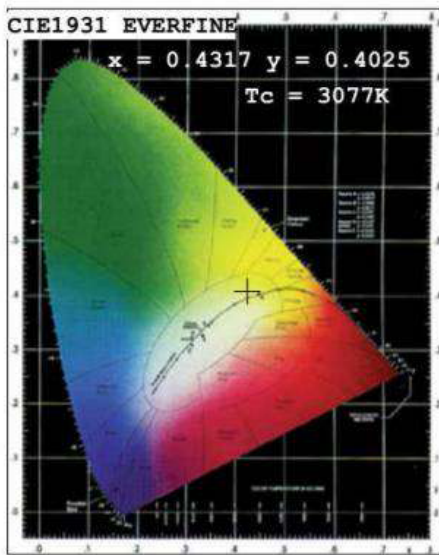
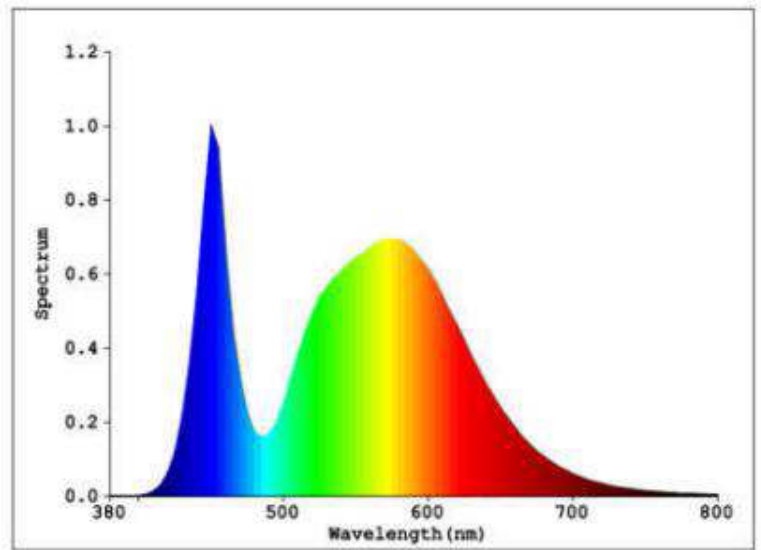
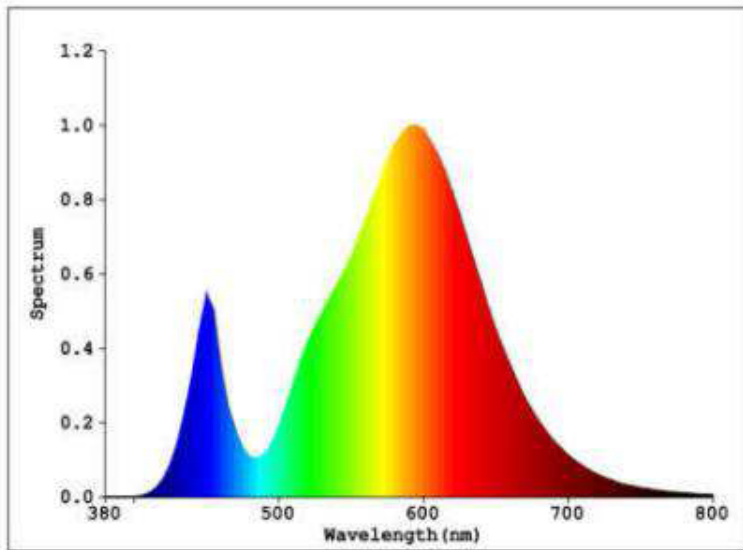
F-LM30-50K



F-LM50-50K



Photometric Data



Mount Options



1/2" Knuckle Mount



U Bracket Mount