



ROMANSO

2025 Public LED Lighting Catalog
LIGHTING THE BUSINESSES OF TOMORROW TODAY!



 **ROMANSO**[®]
SINCE 2007

Our Vision

Lighting the Businesses of Tomorrow Today!

Romanso was founded in 2007, and is a professional manufacturer with ISO9001:2015 approval and specializing in industrial and outdoor LED lighting products. And the production area is around 60,000 sq.ft and with over 110 staff. We're customer and market oriented, and keep upgrading the high efficiency LED lights with the latest LED technology. With the great warranty policy and after-sales services, we won a high reputation from our esteemed customers and satisfied them much. In 2023, Romanso set up a new branch factory in Cambodia. The total land area occupied by the facility land size is 130,000 sq.ft. The Cambodia branch is ISO-verified factory with 200 workers, all production procedures are according to Iso9001 quality standards, the defective rate is <0.3%.



Shenzhen Headquarters

Our Product

Romanso products are with industry-leading warranties and customer support. Main products are certificated by UL/cUL/ETL/cETL/TUV/SAA/FCC/CE/RoHS and most listed by DesignLights Consortium® (DLC). Romanso owns an experienced professional R&D engineering team who commitment to develop more new products to satisfy market demand and keep launching 2 to 3 new series every year. Newest testing equipment ensure products development and stability, including integrating sphere test, IES photoelectricity test, salt spray test, high and low temperature test, aging test, voltage surge test, withstand voltage test, insulation resistance tester, waterproof test and so on.



Shenzhen Factory

Our Capacity

Romanso throughout the whole processes of design, mould production, parts production, SMT production, assembly production and sales of finished led lighting products in house. Romanso owns mature production lines, equipped with die-casting machines, CNC machines, coating machines, painting machines, SMT machines, reflow soldering machines, drilling machine, bench grinder, ultrasonic machine, injection molding machine, glue potting machine, oven, laser machine, aging racks, automatic packing machines in the factory. Monthly production capacity can reach 120,000pcs LED fixtures.



Cambodian Factory

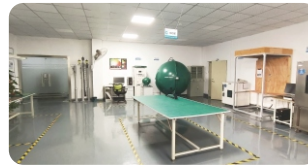
(equipped with die-casting workshop, SMT workshop, testing machines in house)



Front Desk



SMT Workshop



UL Authorized Laboratory



Showroom

Company Patents and Certifications

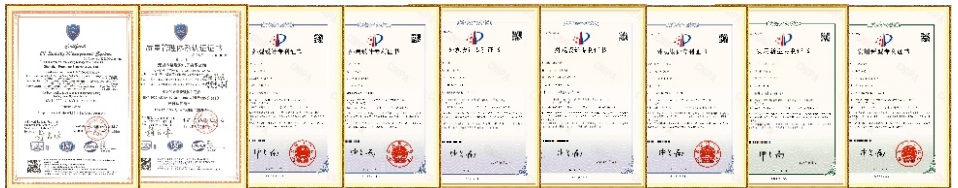


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LED Solar Street Light



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RMS-L2117 LED Parking Lot Series



PRODUCT FEATURES

- High luminous efficiency 140LPW standard.
- Optics of Type III available on request.
- Power and CCT adjustable optional.
- High-transmittance and anti-UV Polycarbonate lens.
- Excellent thermal management design.
- Die-casting aluminum with polyester powder coat finish.
- IP66/IK08 rating for outdoor usage.
- Mounting bracket for round and square pole for option.
- Energy savings, no UV and IR radiations, emits low heat.
- 0-10V, photocell, motion sensor and timer control are optional.
- UL/cUL/ETL/cETL/UKCA/FCC/CE/RoHS approval.
- 5 years warranty.



SPECIFICATION

Item NO.	Watt	Lumen	Dimension	CCT	Voltage	Beam Angle	CRI	PF
RMS-L2117100	100W	14000LM	499*310*75.5mm	3K-4K-5K-6K-6.5K	AC100~277V AC120~347V AC277~480V	Type III	>80	>0.9
RMS-L2117150	150W	21000LM	499*310*75.5mm	3K-4K-5K-6K-6.5K	AC100~277V AC120~347V AC277~480V	Type III	>80	>0.9
RMS-L2117200	200W	28000LM	499*310*75.5mm	3K-4K-5K-6K-6.5K	AC100~277V AC120~347V AC277~480V	Type III	>80	>0.9
RMS-L2117240	240W	33600LM	666*310*83mm	3K-4K-5K-6K-6.5K	AC100~277V AC120~347V AC277~480V	Type III	>80	>0.9
RMS-L2117300	300W	42000LM	666*310*83mm	3K-4K-5K-6K-6.5K	Ac120~277V AC120~347V AC277~480V	Type III	>80	>0.9
RMS-L2117400	400W	56000LM	666*310*83mm	3K-4K-5K-6K-6.5K	AC100~277V AC120~347V AC277~480V	Type III	>80	>0.9

Remarks: All lumen specs are based on 5000K

OFFERING
3 WATTAGE AND 3 CCT SELECTABLE
MEETS YOUR VARIOUS NEEDS!

WATTAGE SELECTABLE



100% 80% 60%

CCT SELECTABLE



3000K 4000K 5000K

OPTIONAL ACCESSORIES



Adjustable Slip
Fitters for Round Pole



Adjustable Arm Bracket
for Square Pole



Yoke Bracket



Photocell



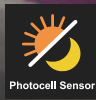
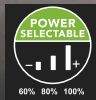
Motion sensor



Shorting cap

RMS-L2115

LED Parking Lot Series



PRODUCT FEATURES

- High luminous efficiency up to 140LPW.
- Optics of Type III and Type IV available on request.
- High-transmittance and anti-UV Polycarbonate lens.
- Excellent thermal management design.
- Die-casting aluminum with polyester powder coat finish.
- IP66/IK08 rating for outdoor usage.
- Mounting bracket for round and square pole for option.
- Energy savings, no UV and IR radiations, emits low heat.
- 0-10V, photocell, motion sensor and timer control are optional.
- UL/cUL/ETL/cETL/UKCA/FCC/CE/RoHS approval.
- 5 years warranty.



SPECIFICATION

Item NO.	Watt	Lumen	Dimension	CCT	Voltage	Beam Angle	CRI	PF
RMS-L211560	60W	8400LM	519*210*70mm	3K-4K-5K-6K-6.5K	AC100~277V AC120~347V AC277~480V	Type III/Type IV	>80	>0.9
RMS-L2115100	100W	14000LM	565*250*70mm	3K-4K-5K-6K-6.5K	AC100~277V AC120~347V AC277~480V	Type III/Type IV	>80	>0.9
RMS-L2115150	150W	24000LM	565*250*70mm	3K-4K-5K-6K-6.5K	AC100~277V AC120~347V AC277~480V	Type III/Type IV	>80	>0.9
RMS-L2115200	200W	28000LM	589*280*75mm	3K-4K-5K-6K-6.5K	AC100~277V AC120~347V AC277~480V	Type III/Type IV	>80	>0.9
RMS-L2115240	240W	33600LM	589*280*75mm	3K-4K-5K-6K-6.5K	AC120~277V AC120~347V AC277~480V	Type III/Type IV	>80	>0.9
RMS-L2115300	300W	42000LM	674*300*80mm	3K-4K-5K-6K-6.5K	AC100~277V AC120~347V AC277~480V	Type III/Type IV	>80	>0.9

Remarks: All lumen specs are based on 5000K

OFFERING
3 WATTAGE AND 3 CCT SELECTABLE
MEETS YOUR VARIOUS NEEDS!

WATTAGE SELECTABLE



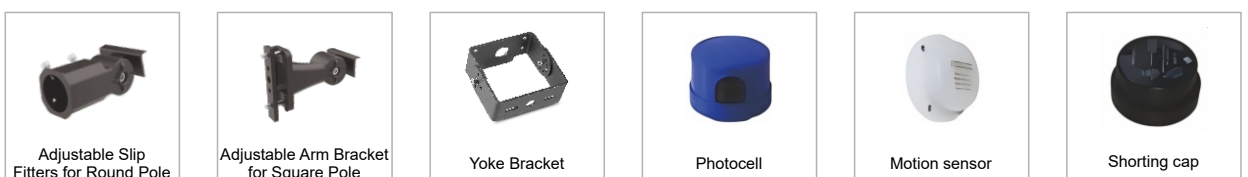
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CCT SELECTABLE



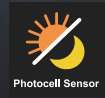
3000K 4000K 5000K

OPTIONAL ACCESSORIES



RMS-S-L2

LED Street Series



PRODUCT FEATURES

- Stable lighting performance, 130LPW/160LPW/200LPW are optional.
- Using anti-glare lens with excellent light distribution.
- Beam angle of T2S/T2M/T3M are available.
- 0-10V, photocell, motion sensor and timer control are available.
- IP66 rated for external roadway illumination.
- Adjustable mounting adapters with optional $\Phi 42/50/60$ mm pole.
- Working environment in -35°C to 55°C .
- DLC Premium/UL/cUL/ETL/cETL/UKCA/FCC/CE/RoHS approval.
- 5 Years warranty.



SPECIFICATION

Item NO.	Watt	Dimension	Lumen	CCT	Voltage	Beam Angle	CRI	PF
RMS-S-L2-60W	60W	493*174*108mm	7800LM/9600LM/12000LM	3K-4K-5K-6K-6.5K	AC100-277V AC120-347V AC277-480V	T2S/T2M/T3M	>80	>0.9
RMS-S-L2-100W	100W	562*200*108mm	13000LM/16000LM/20000LM	3K-4K-5K-6K-6.5K	AC100-277V AC120-347V AC277-480V	T2S/T2M/T3M	>80	>0.9
RMS-S-L2-150W	150W	607*240*108mm	19500LM/24000LM/30000LM	3K-4K-5K-6K-6.5K	AC100-277V AC120-347V AC277-480V	T2S/T2M/T3M	>80	>0.9
RMS-S-L2-200W	200W	689*260*108mm	26000LM/32000LM/40000LM	3K-4K-5K-6K-6.5K	AC100-277V AC120-347V AC277-480V	T2S/T2M/T3M	>80	>0.9
RMS-S-L2-240W	240W	766*300*108mm	31200LM/38400LM/48000LM	3K-4K-5K-6K-6.5K	AC100-277V AC120-347V AC277-480V	T2S/T2M/T3M	>80	>0.9
RMS-S-L2-300W	300W	766*300*108mm	39000LM/48000LM	3K-4K-5K-6K-6.5K	AC100-277V AC120-347V AC277-480V	T2S/T2M/T3M	>80	>0.9

Remarks: All lumen specs are based on 5000K

OFFERING
3 WATTAGE AND 3 CCT SELECTABLE
MEETS YOUR VARIOUS NEEDS!

WATTAGE SELECTABLE



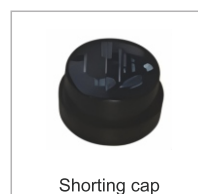
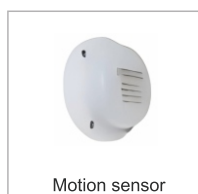
100% 80% 60%

CCT SELECTABLE



3000K 4000K 5000K

OPTIONAL ACCESSORIES



RMS-L2304

LED Street Series



PRODUCT FEATURES

- High luminous efficiency up to 180LPW.
- High reliable LED driver results in energy savings up to 65%.
- Using anti-glare Type II lens with excellent light distribution.
- 0-10V, photocell, motion sensor and timer control are optional.
- IP67 rated for external roadway illumination.
- Adjustable mounting adapters with 60mm pole size.
- Working environment in -35°C to 55°C.
- UKCA/FCC/CE/RoHS/LM80/IES file are available.
- 5 Years warranty.



SPECIFICATION

Item NO.	Watt	Dimension	Lumen	CCT	Voltage	Beam Angle	CRI	PF
RMS-L230430	30W	438*108*75mm	5400LM	3K-4K-5K-6K-6.5K	AC100~277V AC120~347V AC277~480V	Type II	>80	>0.9
RMS-L230450	50W	467*175*75mm	9000LM	3K-4K-5K-6K-6.5K	AC100~277V AC120~347V AC277~480V	Type II	>80	>0.9
RMS-L2304100	100W	564*221*75mm	18000LM	3K-4K-5K-6K-6.5K	AC100~277V AC120~347V AC277~480V	Type II	>80	>0.9
RMS-L2304150	150W	642*241*75mm	27000LM	3K-4K-5K-6K-6.5K	AC100~277V AC120~347V AC277~480V	Type II	>80	>0.9
RMS-L2304200	200W	740*276*75mm	36000LM	3K-4K-5K-6K-6.5K	AC100~277V AC120~347V AC277~480V	Type II	>80	>0.9

Remarks: All lumen specs are based on 5000K

OFFERING
3 WATTAGE AND 3 CCT SELECTABLE
MEETS YOUR VARIOUS NEEDS!

WATTAGE SELECTABLE



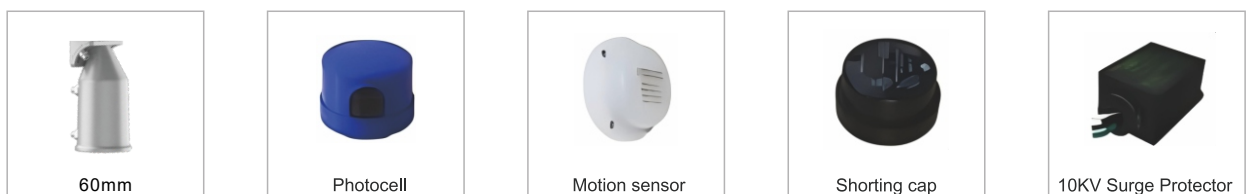
100% 80% 60%

CCT SELECTABLE



3000K 4000K 5000K

OPTIONAL ACCESSORIES



RMS-H2306

LED Street Series



PRODUCT FEATURES

- High luminous efficiency up to 140LPW.
- High reliable LED driver results in energy savings up to 65%.
- Using anti-glare Type II, Type III lens with excellent light distribution.
- 0-10V, photocell, motion sensor and timer control are optional.
- IP66 rated for external roadway illumination.
- Adjustable mounting adapters with 60mm hole.
- Working environment in -35°C to 55°C.
- UL/cUL/UKCA/FCC/RoHS/LM80/IES file are available.



SPECIFICATION

Item NO.	Watt	Dimension	Lumen	CCT	Voltage	Beam Angle	CRI	PF
RMS-H230670	70W	529*207*108mm	9800LM	3K-4K-5K-6K-6.5K	AC100~277V AC120~347V AC277~480V	Type II/Type III	>80	>0.9
RMS-H2306105	105W	529*207*108mm	14700LM	3K-4K-5K-6K-6.5K	AC100~277V AC120~347V AC277~480V	Type II/Type III	>80	>0.9
RMS-H2306150	150W	605.5*265*265mm	21000LM	3K-4K-5K-6K-6.5K	AC100~277V AC120~347V AC277~480V	Type II/Type III	>80	>0.9

Remarks: All lumen specs are based on 5000K

OFFERING
3 WATTAGE AND 3 CCT SELECTABLE
MEETS YOUR VARIOUS NEEDS!

WATTAGE SELECTABLE



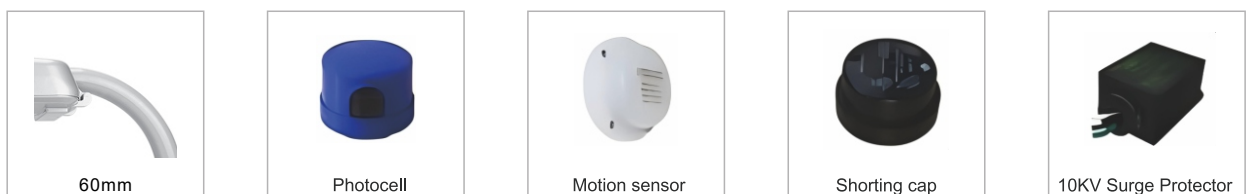
100% 80% 60%

CCT SELECTABLE



3000K 4000K 5000K

OPTIONAL ACCESSORIES



RMS-H2313

LED Street Series



PRODUCT FEATURES

- High luminous efficiency up to 100LPW.
- Using anti-glare 85°x155° lens with excellent light distribution.
- 0-10V, photocell, motion sensor and timer control are optional.
- IP65 rated for external roadway illumination.
- Mounting adapters with 60mm pole size.
- Working environment in -40 to 35 .
- UKCA/FCC/CE/RoHS/LM80/IES file are available.
- 3 Years warranty




SPECIFICATION


Item NO.	Watt	Dimension	Lumen	CCT	Voltage	Beam Angle	CRI	PF
RMS-H231350	50W	446*169*98mm	5000LM	2.7K-3K-4K-5K-5.7K-6.5K	AC220-240V	85°x155	>80	>0.9
RMS-H2313100	100W	527*210*98mm	10000LM	2.7K-3K-4K-5K-5.7K-6.5K	AC220-240V	85°x155	>80	>0.9
RMS-H2313150	150W	527*210*98mm	12000LM	2.7K-3K-4K-5K-5.7K-6.5K	AC220-240V	85°x155	>80	>0.9
RMS-H2313200	200W	623*261*100mm	15000LM	2.7K-3K-4K-5K-5.7K-6.5K	AC220-240V	85°x155	>80	>0.9
RMS-H2313240	240W	700*278*95mm	20000LM	2.7K-3K-4K-5K-5.7K-6.5K	AC220-240V	85°x155	>80	>0.9
RMS-H2313300	300W	700*278*95mm	24000LM	2.7K-3K-4K-5K-5.7K-6.5K	AC220-240V	85°x155	>80	>0.9

Remarks: All lumen specs are based on 5000K



DUSK TO DAWN
BUILT-IN DUSK
TO DAWN PHOTOCELL




Auto Off at Dawn




Auto On at Dusk


OPTIONAL ACCESSORIES




60mm




Photocell



Motion sensor



Shorting cap



10KV Surge Protector

RMS-L2401 LED Post Top Area Series



PRODUCT FEATURES

- High luminous efficiency up to 150LPW.
- Optics of 60°/90°/120° available on request.
- Power and CCT adjustable are for optional.
- Excellent thermal management design.
- Die-casting aluminum with polyester powder coat finish.
- IP65/IK08 rating for outdoor usage.
- Easy installation and low maintenance.
- Energy savings, no UV and IR radiations, emits low heat.
- 0-10V, photocell, motion sensor and timer control are optional.
- UL/cUL/UKCA/FCC/CE/RoHS approval.
- 5 years warranty.




SPECIFICATION

Item NO.	Watt	Lumen	Dimension	CCT	Voltage	Beam Angle	CRI	PF
RMS-L240160	60W	9000LM	Ø400*472mm	3K-4K-5K-6K-6.5K	AC100~277V AC120~347V AC277~480V	60°/90°/120°	>80	>0.9
RMS-L2401100	100W	15000LM	Ø400*472mm	3K-4K-5K-6K-6.5K	AC100~277V AC120~347V AC277~480V	60°/90°/120°	>80	>0.9
RMS-L2401150	150W	22500LM	Ø400*472mm	3K-4K-5K-6K-6.5K	AC100~277V AC120~347V AC277~480V	60°/90°/120°	>80	>0.9

Remarks: All lumen specs are based on 5000K


OFFERING
3 WATTAGE AND 3 CCT SELECTABLE
MEETS YOUR VARIOUS NEEDS!

WATTAGE SELECTABLE









100% 80% 60%

CCT SELECTABLE



3000K 4000K 5000K

OPTIONAL ACCESSORIES

					
Slip Fitter	Suspended Bracket	Photocell	Motion sensor	Shorting cap	10KV Surge Protector

RMS-H2506

LED Post Top Area Series



PRODUCT FEATURES

- High luminous efficiency up to 150LPW.
- Optics of T3, T4, and T5 light distributions available on request.
- On-site adjustments for wattage, CCT and beam angle optional.
- Excellent thermal management design.
- Die-casting aluminum with polyester powder coat finish.
- IP65/IK08 rating for outdoor usage.
- Easy installation and low maintenance.
- Energy savings, no UV and IR radiations, emits low heat.
- 0-10V, photocell, motion sensor and timer control are optional.
- UL/cUL/UKCA/FCC/CE/RoHS approval.
- 5 years warranty.



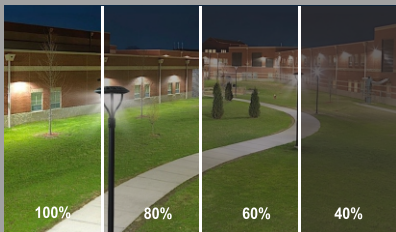
SPECIFICATION

Item NO.	Watt	Lumen	Dimension	CCT	Voltage	Beam Angle	CRI	PF
RMS-H250645	45W	6750LM	Ø456.5*632mm	3K-4K-5K-6K-6.5K	AC120~277V AC120~347V AC277~480V	Type III Type IV Type V	>80	>0.9
RMS-H250690	90W	13500LM	Ø456.5*632mm	3K-4K-5K-6K-6.5K	AC120~277V AC120~347V AC277~480V	Type III Type IV Type V	>80	>0.9
RMS-H2506130	130W	19500LM	Ø456.5*632mm	3K-4K-5K-6K-6.5K	AC120~277V AC120~347V AC277~480V	Type III Type IV Type V	>80	>0.9

Remarks: All lumen specs are based on 5000K


OFFERING
4 WATTAGE AND 3 CCT SELECTABLE
MEETS YOUR VARIOUS NEEDS!

WATTAGE SELECTABLE



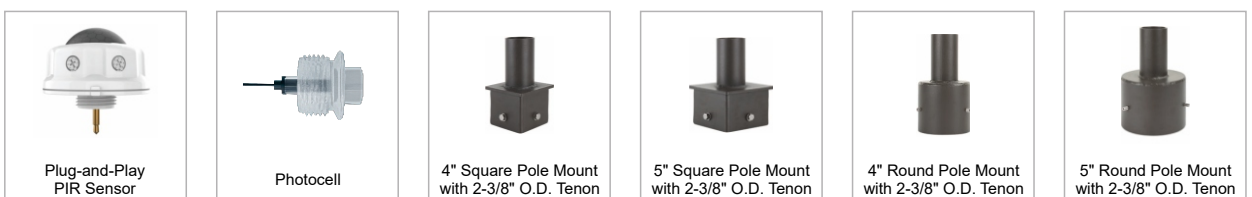
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CCT SELECTABLE



3000K 4000K 5000K

OPTIONAL ACCESSORIES



RMS-PT LED Post Top Area Series



PRODUCT FEATURES

- High luminous efficiency up to 130LPW.
- Optics of 108° and 118° available on request.
- Power and CCT adjustable are for optional.
- Excellent thermal management design.
- Die-casting aluminum with polyester powder coat finish.
- IP65/IK08 rating for outdoor usage.
- Easy installation and low maintenance.
- Energy savings, no UV and IR radiations, emits low heat.
- 0-10V, photocell, motion sensor and timer control are optional.
- DLC/UL/cUL /UKCA/ETL/cETL/FCC/CE/RoHS approval.
- 5 years warranty.




SPECIFICATION

Item NO.	Watt	Lumen	Dimension	CCT	Voltage	Beam Angle	CRI	PF
RMS-PT-60W	60W	7800LM	Ø360*520mm	3K-4K-5K-6K-6.5K	AC100~277V AC120~347V AC277~480V	108°/118°	>80	>0.9
RMS-PT-100W	100W	13000LM	Ø360*520mm	3K-4K-5K-6K-6.5K	AC100~277V AC120~347V AC277~480V	108°/118°	>80	>0.9
RMS-PT-150W	150W	19500LM	Ø360*520mm	3K-4K-5K-6K-6.5K	AC100~277V AC120~347V AC277~480V	108°/118°	>80	>0.9

Remarks: All lumen specs are based on 5000K


OFFERING
3 WATTAGE AND 3 CCT SELECTABLE
MEETS YOUR VARIOUS NEEDS!

WATTAGE SELECTABLE



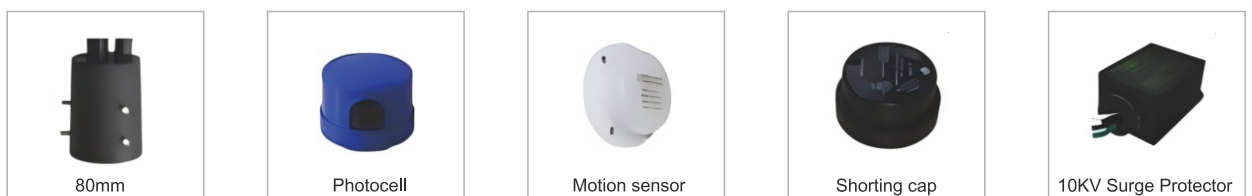
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CCT SELECTABLE



3000K 4000K 5000K



OPTIONAL ACCESSORIES



RMS-H2104

LED Solar Street Series

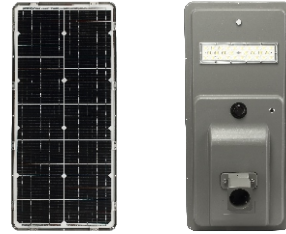


 7 HRS CHARGE TIME	 32°F TO 149°F BATTERY	 -30°F to 122°F OPERATING TEMP
 120° BEAM ANGLE	 REPLACEABLE	 L70 > 100,000 RATED LIFE

PRODUCT FEATURES

The features of this solar street light is an ALL-IN-ONE design. The light engine and battery and solar panel are built right into the LED fixture. No need for a power source which eliminates the need for wiring and trenching.

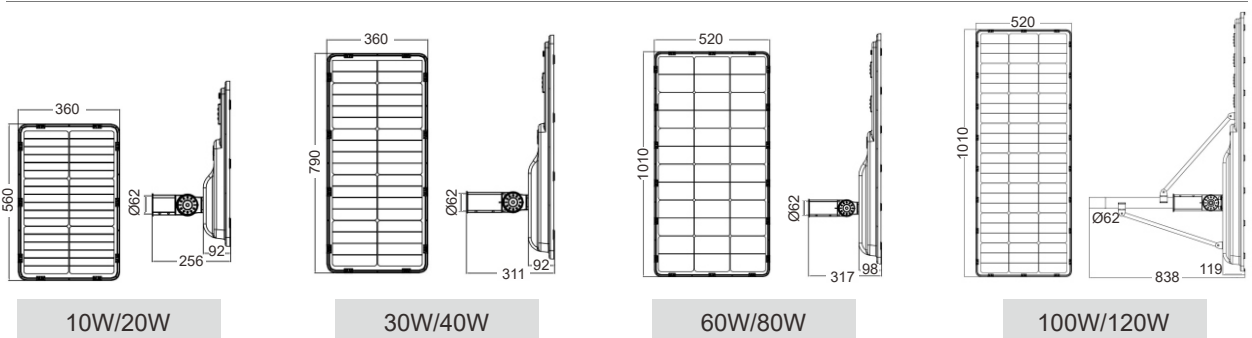
- Fully programmable via solar controller and photo control.
- Built-in battery and solar controller.
- Advanced new LiFePO4 battery lasts at least 2000 charge cycles and will last three nights with one day charge.
- Perfect for street, parks, parking lots, school campuses, etc.



SPECIFICATION

PERFORMANCE SUMMARY									
Model	RMS-H210410	RMS-H210420	RMS-H210430	RMS-H210440	RMS-H210460	RMS-H210480	RMS-H2104100	RMS-H2104120	
Rated Power	10W	20W	30W	40W	60W	80W	100W	120W	
System Lumen	1600LM-1800LM	3200LM-3600LM	4800LM-5400LM	6400LM-7200LM	10200LM-10800LM	12800LM-13600LM	16000LM-18000LM	19200LM-21000LM	
System Efficiency	160~180lm/W		160~180lm/W		160~180lm/W		160~180lm/W		
CRI	Ra>80		Ra>80		Ra>80		Ra>80		
Color Temp.	3K-4K-5K-6K-6.5K		3K-4K-5K-6K-6.5K		3K-4K-5K-6K-6.5K		3K-4K-5K-6K-6.5K		
Optics	Type II		Type II		Type II		Type II		
Operating Temp.	-20°C to 50°C		-20°C to 50°C		-20°C to 50°C		-20°C to 50°C		
Ingress Protection	IP66, IK08		IP66, IK08		IP66, IK08		IP66, IK08		
Motion Sensor	Microwave		Microwave		Microwave		Microwave		
L70 Life	50,000hours		50,000hours		50,000hours		50,000hours		
Warranty	5 Years		5 Years		5 Years		5 Years		
Dimension[mm]	560*360*265mm		790*360*308mm		1010*520*314mm		1400*545*314mm		
SOLAR PANEL RATED VOLTAGE									
Rated Voltage	18V	18V	18V	18V	18V	18V	18V	36V	
Rated Power	30W	30W	50W	50W	95W	95W	145W	145W	
SOLAR CHARGER									
Operating Voltage	12V	12V	12V	12V	12V	12V	12V	12V	
Motion Activated Function	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
BATTERY PACK									
Battery Type	Lifepo4	Lifepo4	Lifepo4	Lifepo4	Lifepo4	Lifepo4	Lifepo4	Lifepo4	
Operating Voltage	12.8V	12.8V	12.8V	12.8V	12.8V	12.8V	25.6V	25.6V	
Capacity	6.5Ah	10.2Ah	20.4Ah	34Ah	44.2V	51Ah	34Ah	47.6Ah	
Starting Temp.	-20°C	-20°C	-20°C	-20°C	-20°C	-20°C	-20°C	-20°C	

DIMENSION[MM]



RMS-H2107

LED Solar Street Series



CHARGE TIME



BATTERY



OPERATING TEMP



BEAM ANGLE



REPLACEABLE



RATED LIFE



PRODUCT FEATURES

The features of this solar street light is an ALL-IN-ONE design. The light engine and battery and solar panel are built right into the LED fixture. No need for a power source which eliminates the need for wiring and trenching.

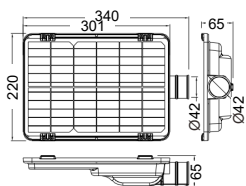
- Fully programmable via solar controller and photo control.
- Built-in battery and solar controller.
- Advanced new LiFePO4 battery lasts at least 2000 charge cycles and will last three nights with one day charge.
- Perfect for street, parks, parking lots, school campuses, etc.



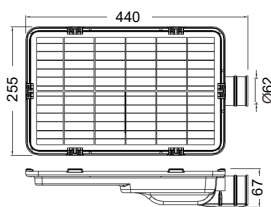
SPECIFICATION

Model	RMS-H21076	RMS-H210712	RMS-H210718
Wattage	6W	12W	18W
Total Lumens	1000LM	2000LM	3000LM
Battery Type & capacity	LiFeO4 Battery 3.2V 10AH 32WH	LiFeO4 Battery 3.2V 15AH 48WH	LiFeO4 Battery 3.2V 20AH 64WH
Max Power of Solar Panel	4.5V 10W (Monocrystalline Silicon)	4.5V 15W (Monocrystalline Silicon)	4.5V 20W (Monocrystalline Silicon)
Product Size	345*225*75mm	445*260*85mm	555*260*96mm
Beam Angles	Type II	Type II	Type II
LED Chips	High luminous efficiency 3030SMD	High luminous efficiency 3030SMD	High luminous efficiency 3030SMD
Efficiency	170LM/W	170LM/W	170LM/W
LED Lifespan	>50,000H	>50,000H	>50,000H
Optical System	PC LENS	PC LENS	PC LENS
CCT	3K-4K-5K-6K-6.5K	3K-4K-5K-6K-6.5K	3K-4K-5K-6K-6.5K
CRI	Ra>80	Ra>80	Ra>80
Standard Compliance	5 Years	5 Years	5 Years
Ingress Protection	IP66, IK08	IP66, IK08	IP66, IK08
Installation	40-42mm side Entry	50mm side Entry	60mm side Entry
Life Time of Solar Panel	25 year	25 year	25 year
Life Time of Battery	5 year	5 year	5 year
Charge Time by Sun	4-5 hrs	4-5 hrs	4-5 hrs
Working Mode	12 hrs with self adaptive dimming mode	12 hrs with self adaptive dimming mode	12 hrs with self adaptive dimming mode
Raining Day	3-4 day	3-4 day	3-4 day
Recommended Mounting Height	4-8m	4-8m	4-8m
Recommended Mounting Distance	20 - 35m *Please refer to lighting class requirement.	20 - 35m *Please refer to lighting class requirement.	20 - 35m *Please refer to lighting class requirement.
Housing Material	ADC12 Die-cast Aluminium	ADC12 Die-cast Aluminium	ADC12 Die-cast Aluminium
External Screw	#304 STAINLESS STEEL	#304 STAINLESS STEEL	#304 STAINLESS STEEL

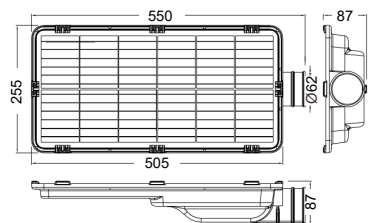
DIMENSION[MM]



RMS-H21076



RMS-H210712



RMS-H210718

RMS-H2207

LED Solar Street Series



7
HRS

CHARGE TIME

32°F
TO
149°F

BATTERY

-30°F TO 122°F

OPERATING TEMP

120°

BEAM ANGLE

REPLACEABLE

L70
> 100,000

RATED LIFE



PRODUCT FEATURES

The features of this solar street light is an ALL-IN-ONE design. The light engine and battery and solar panel are built right into the LED fixture. No need for a power source which eliminates the need for wiring and trenching.

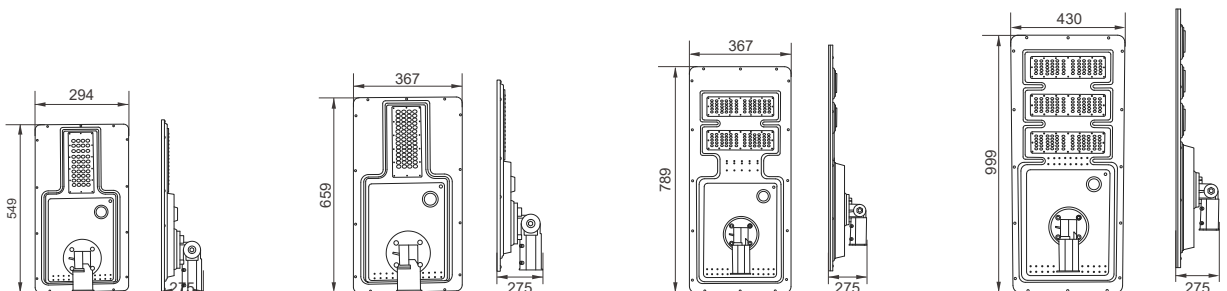
- Fully programmable via solar controller and photo control.
- Built-in battery and solar controller.
- Advanced new LiFePO4 battery lasts at least 2000 charge cycles and will last three nights with one day charge.
- Perfect for street, parks, parking lots, school campuses, etc.



SPECIFICATION

Model	RMS-H220740	RMS-H220760	RMS-H2207120	RMS-H2207180
System Efficiency	160LM/W	160LM/W	160LM/W	160LM/W
LED Type	40pcs 3030LED	60pcs 3030LED	120pcs 3030LED	180Pcs 3030LED
Battery Type	LiFePO4 12.8V, 18AH	LiFePO4 12.8V, 24AH	LiFePO4 12.8V, 36AH	LiFePO4 12.8V, 42AH
Solar Panel Type	18V 26W (Monocrystalline Silicon)	18V 45W(Monocrystalline Silicon)	18V 55W(Monocrystalline Silicon)	18V 86W(Monocrystalline Silicon)
Product Size	549*294*275mm	659*367*275mm	789*367*275mm	999*430*300mm
Color Temperature	3K-4K-5K-6K-6.5K	3K-4K-5K-6K-6.5K	3K-4K-5K-6K-6.5K	3K-4K-5K-6K-6.5K
LED Lifespan	>50,000H	>50,000H	>50,000H	>50,000H
Beam Angle	120°	120°	120°	120°
Sensing Method	Time Control/Motion Detection	Time Control/Motion Detection	Time Control/Motion Detection	Time Control/Motion Detection
Operating Temperature	-20°C~60°C	-20°C~60°C	-20°C~60°C	-20°C~60°C
Storage Temperature	-30°C~70°C	-30°C~70°C	-30°C~70°C	-30°C~70°C
IP Rating	Ip65	Ip65	Ip65	Ip65

DIMENSION[MM]



RMS-H220740

RMS-H220760


RMS-H2207120

RMS-H2207180

RMS-H2208

LED Solar Street Series



 <p>7 HRS CHARGE TIME</p>	 <p>32°F TO 149°F BATTERY</p>	 <p>-30°F TO 122°F OPERATING TEMP</p>
 <p>120° BEAM ANGLE</p>	 <p>REPLACEABLE</p>	 <p>L70 > 100,000 RATED LIFE</p>



PRODUCT FEATURES

The features of this solar street light is an ALL-IN-ONE design. The light engine and battery and solar panel are built right into the LED fixture. No need for a power source which eliminates the need for wiring and trenching.

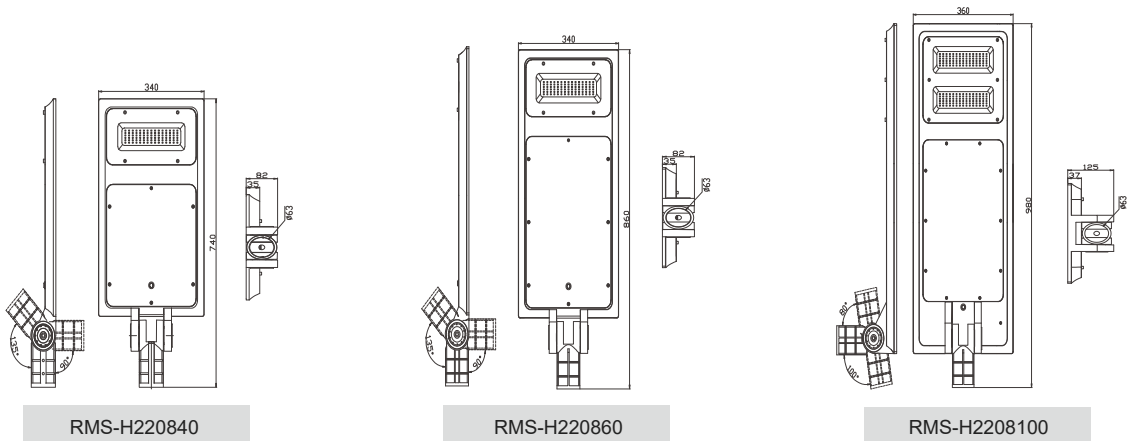
- Fully programmable via solar controller and photo control.
- Built-in battery and solar controller.
- Advanced new LiFePO4 battery lasts at least 2000 charge cycles and will last three nights with one day charge.
- Perfect for street, parks, parking lots, school campuses, etc.



SPECIFICATION

Wattage	RMS-H220840	RMS-H220860	RMS-H2208100	RMS-H2208150	RMS-H2208180	RMS-H2208200	RMS-H2208300
System Efficiency	160LM/W	160LM/W	160LM/W	160LM/W	160LM/W	160LM/W	160LM/W
LED Type	5730LED 200pcs	5730LED 200pcs	5730LED 400pcs	3535LED 85pcs	5050LED 112pcs	5050LED168pcs	5050LED 252pcs
Solar Panel	16V 38W (Monocrystalline Silicon)	16V 48W (Monocrystalline Silicon)	16V 64W (Monocrystalline Silicon)	18V 84W (Monocrystalline Silicon)	21V 100W (Monocrystalline Silicon)	16.5V 180W (Monocrystalline Silicon)	18V 200W (Monocrystalline Silicon)
Battery Type	LiFePO4 12.8V 18AH	LiFePO4 12.8V 24AH	LiFePO4 12.8V 42AH	LiFePO4 12.8V 54AH	LiFePO4 12.8V 54AH	LiFePO4 12.8V 108AH	LiFePO4 12.8V 108AH
Product Size	740*340*82mm	860*340*82mm	980*360*125mm	1063*401*133mm	1221.5*401*133mm	1550*534*174mm	1767*534*174mm
Install Height	4-6m	5-7m	6-8m	6-8m	7-9m	8-10m	8-10m
Color Temperature	3K-4K-5K-6K-6.5K	3K-4K-5K-6K-6.5K	3K-4K-5K-6K-6.5K	3K-4K-5K-6K-6.5K	3K-4K-5K-6K-6.5K	3K-4K-5K-6K-6.5K	3K-4K-5K-6K-6.5K
LED Lifespan	>50,000H	>50,000H	>50,000H	>50,000H	>50,000H	>50,000H	>50,000H
Beam Angle	120°	120°	120°	120°	120°	120°	120°
Material	DIE-CASTING ALUMINIUM	DIE-CASTING ALUMINIUM	DIE-CASTING ALUMINIUM	DIE-CASTING ALUMINIUM	DIE-CASTING ALUMINIUM	DIE-CASTING ALUMINIUM	DIE-CASTING ALUMINIUM
Charging Time	6-8 hours	6-8 hours	6-8 hours	6-8 hours	6-8 hours	6-8 hours	6-8 hours
Discharging Time	30-36 hours	30-36 hours	30-36 hours	30-36 hours	30-36 hours	30-36 hours	30-36 hours
Warranty	3 years	3 years	3 years	3 years	3 years	3 years	3 years
IP Rating	IP65	IP65	IP65	IP65	IP65	IP65	IP65

DIMENSION[MM]



RMS-H2210

LED Solar Street Series



 <p>7 HRS CHARGE TIME</p>	 <p>32°F TO 149°F BATTERY</p>	 <p>-30°F TO 122°F OPERATING TEMP</p>
 <p>120° BEAM ANGLE</p>	 <p>REPLACEABLE</p>	 <p>L70 > 100,000 RATED LIFE</p>



PRODUCT FEATURES

The features of this solar street light is an ALL-IN-ONE design. The light engine and battery and solar panel are built right into the LED fixture. No need for a power source which eliminates the need for wiring and trenching.

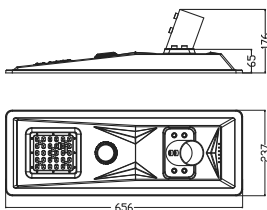
- Fully programmable via solar controller and photo control.
- Built-in battery and solar controller.
- Advanced new LiFePO4 battery lasts at least 2000 charge cycles and will last three nights with one day charge.
- Perfect for street, parks, parking lots, school campuses, etc.



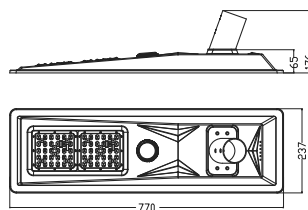
SPECIFICATION

Wattage	RMS-H2210100	RMS-H2210200	RMS-H2210300
System Efficiency	160LM/W	160LM/W	160LM/W
LED Type	3030LED 30pcs	3030LED 60pcs	3030LED 90pcs
Solar Panel	5V 20W (Monocrystalline Silicon)	5V 24W (Monocrystalline Silicon)	5V 28W (Monocrystalline Silicon)
Battery Type	LiFePO4 3.2V 28AH	LiFePO4 3.2V 35AH	LiFePO4 3.2V 43AH
Product Size	662*238*175mm	770*238*175mm	873*238*175mm
Install Height	3-5m	4-6m	5-7m
Color Temperature	3K-4K-5K-6K-6.5K	3K-4K-5K-6K-6.5K	3K-4K-5K-6K-6.5K
LED Lifespan	>50,000H	>50,000H	>50,000H
Beam Angle	120°	120°	120°
Material	DIE-CASTING ALUMINIUM	DIE-CASTING ALUMINIUM	DIE-CASTING ALUMINIUM
Charging Time	6-8 hours	6-8 hours	6-8 hours
Discharging Time	2 Rainy days	2 Rainy days	2 Rainy days
IP Rating	IP65	IP65	IP65

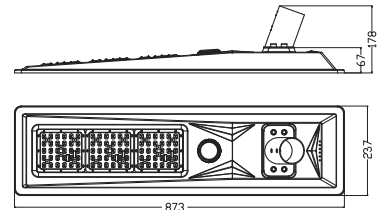
DIMENSION[MM]



RMS-H2210100



RMS-H2210200



RMS-H2210300

RMS-L2501

LED Solar Street Series



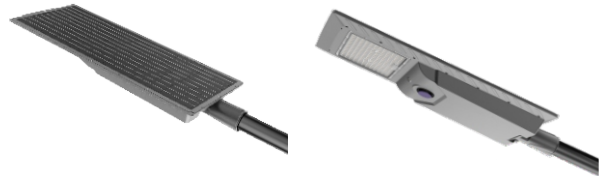
 <p>7 HRS</p> <p>CHARGE TIME</p>	 <p>32°F TO 149°F</p> <p>BATTERY</p>	 <p>-30°F to 122°F</p> <p>OPERATING TEMP</p>
 <p>120°</p> <p>BEAM ANGLE</p>	 <p>REPLACEABLE</p>	 <p>L70 > 100,000</p> <p>RATED LIFE</p>



PRODUCT FEATURES

L2501 is a multi-power solar street light with three power options of 40W, 50W and 60W to meet the needs of different places. It has intelligent control, built-in microwave induction sensor and timing dimming function, adjustable installation angle, lithium iron phosphate battery pack and monocrystalline silicon solar panel, safe and efficient.

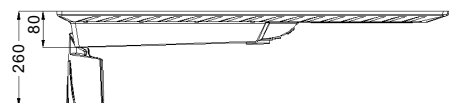
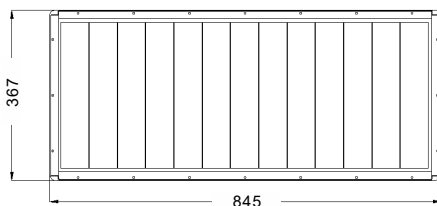
- Fully programmable via solar controller and photo control.
- Built-in battery and solar controller.
- Advanced new LiFePO4 battery lasts at least 2000 charge cycles and will last three nights with one day charge.
- Perfect for street, parks, parking lots, school campuses, etc.



SPECIFICATION

Wattage	RMS-L250140	RMS-L250150	RMS-L250160
System Efficiency	200LM/W	200LM/W	200LM/W
LED Type	LED 2835	LED 2835	LED 2835
Solar Panel	Mono-crystalline solar panel	Mono-crystalline solar panel	Mono-crystalline solar panel
Battery Type	LiFePO4 Battery 230.4Wh	LiFePO4 Battery 307.2Wh	LiFePO4 Battery 384Wh
Product Size	845*367*79.5mm	845*367*79.5mm	845*367*79.5mm
Install Height	3-5m	4-6m	5-7m
Color Temperature	3K-4K-5K-6K-6.5K	3K-4K-5K-6K-6.5K	3K-4K-5K-6K-6.5K
LED Lifespan	>50,000H	>50,000H	>50,000H
Beam Angle	Type II	Type II	Type II
Material	DIE-CASTING ALUMINIUM	DIE-CASTING ALUMINIUM	DIE-CASTING ALUMINIUM
Charging Time	6-8 hours	6-8 hours	6-8 hours
Discharging Time	3 Rainy days	3 Rainy days	3 Rainy days
IP Rating	IP66	IP66	IP66

DIMENSION[MM]



RMS-H2211

LED Solar Street Series



 <p>7 HRS</p> <p>CHARGE TIME</p>	 <p>32°F TO 149°F</p> <p>BATTERY</p>	 <p>-30°F TO 122°F</p> <p>OPERATING TEMP</p>
 <p>120°</p> <p>BEAM ANGLE</p>	 <p>REPLACEABLE</p>	 <p>L70 > 100,000</p> <p>RATED LIFE</p>



PRODUCT FEATURES

The features of this solar street light is a semi-split design. The light engine and battery are built right into the LED fixture, the lamp body is separated from the solar panel. No need for a power source which eliminates the need for wiring and trenching.

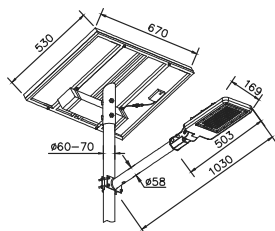
- Fully programmable via solar controller and photo control.
- Built-in battery and solar controller.
- Advanced new LiFePO4 battery lasts at least 2000 charge cycles and will last three nights with one day charge.
- Perfect for street, parks, parking lots, school campuses, etc.



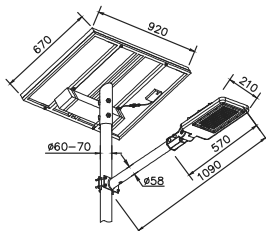
SPECIFICATION

Model	RMS-H221160	RMS-H221120	RMS-H221180	RMS-H221240
System Efficiency	160LM/W	160LM/W	160LM/W	160LM/W
LED Type	60pcs 3030LED	120pcs 3030LED	180pcs 3030LED	240pcs 3030LED
Battery Type	LiFePO4 12.8V, 36AH	LiFePO4 12.8V, 48AH	LiFePO4 12.8V, 54AH	LiFePO4 12.8V, 60 AH
Solar Panel Type	18V 64W (Polycrystalline Silicon)	18V 90W(Polycrystalline Silicon)	18V 120W(Polycrystalline Silicon)	18V 150W(Polycrystalline Silicon)
Product Size	503*169*85mm	568*210*75mm	659*250*79mm	734*300*95mm
Color Temperature	3K-4K-5K-6K-6.5K	3K-4K-5K-6K-6.5K	3K-4K-5K-6K-6.5K	3K-4K-5K-6K-6.5K
LED Lifespan	>50,000H	>50,000H	>50,000H	>50,000H
Beam Angle	120°	120°	120°	120°
Operating Temperature	-20°C~50°C	-20°C~50°C	-20°C~50°C	-20°C~50°C
Storage Temperature	-30°C~70°C	-30°C~70°C	-30°C~70°C	-30°C~70°C
IP Rating	IP65	IP65	IP65	IP65

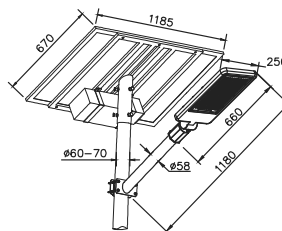
DIMENSION[MM]



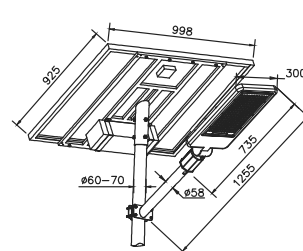
RMS-H221160



RMS-H221120



RMS-H221180



RMS-H221240



ROMANSO[®]

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