

## Features

- Aluminum die-cast alloy body and toughened glass,durable and completely corrosion resistance.
- Good heat dissipation performance.
- IP rating is up to IP66.
- High utilization of power, $PF \geq 0.9$ .Wide range of input voltage:AC200-240V
- Compared with traditional ones,Energy-saving percentage: 60%.
- Service life over 50,000 hours.
- Follow RoHS and CE Certified.



## Main Applications

- stadium
- playground
- parking area



Photo



250W



500W



750W



1000W



1250W



1500W



**PHILIPS LED Driver**



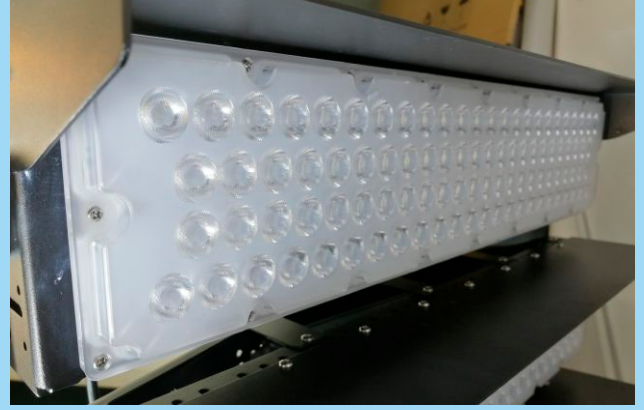
**Surge Protective Device**



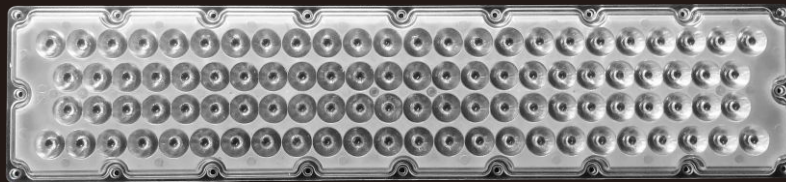
## 5050SMD Leds



## Optical Lens



## Lens Optional Angle



20°



40°



60°

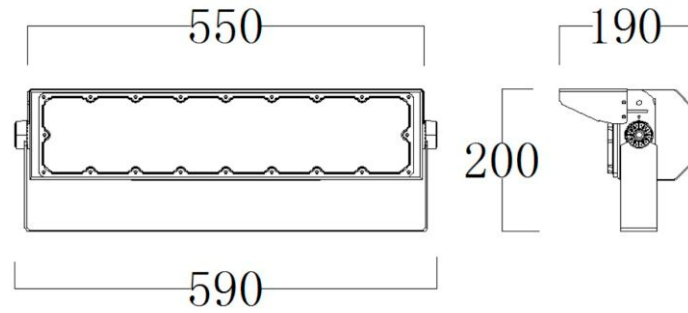


90°

## Dimensions(Unit:mm)

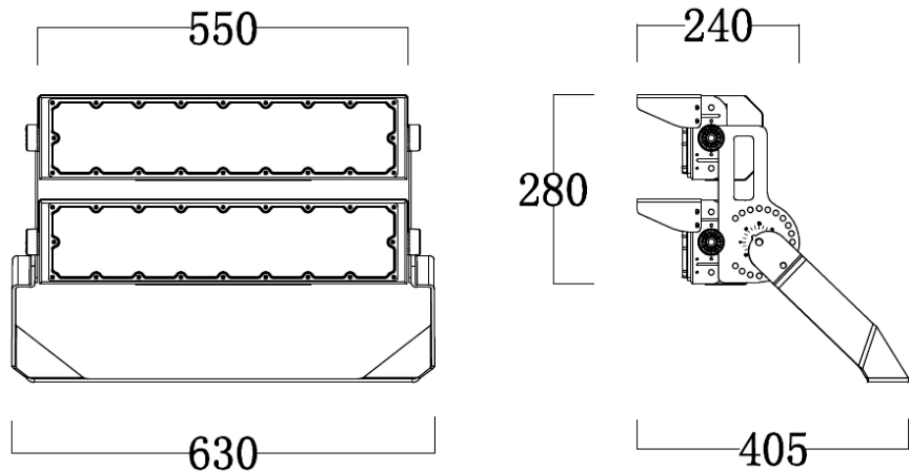
**250W**

**L590xW190xH200mm**



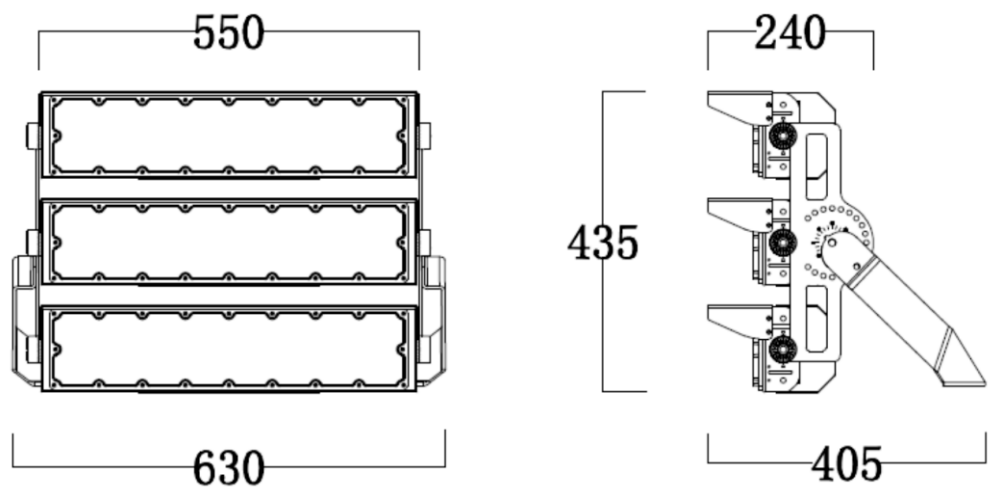
**500W**

**L630xW240xH280mm**



**750W**

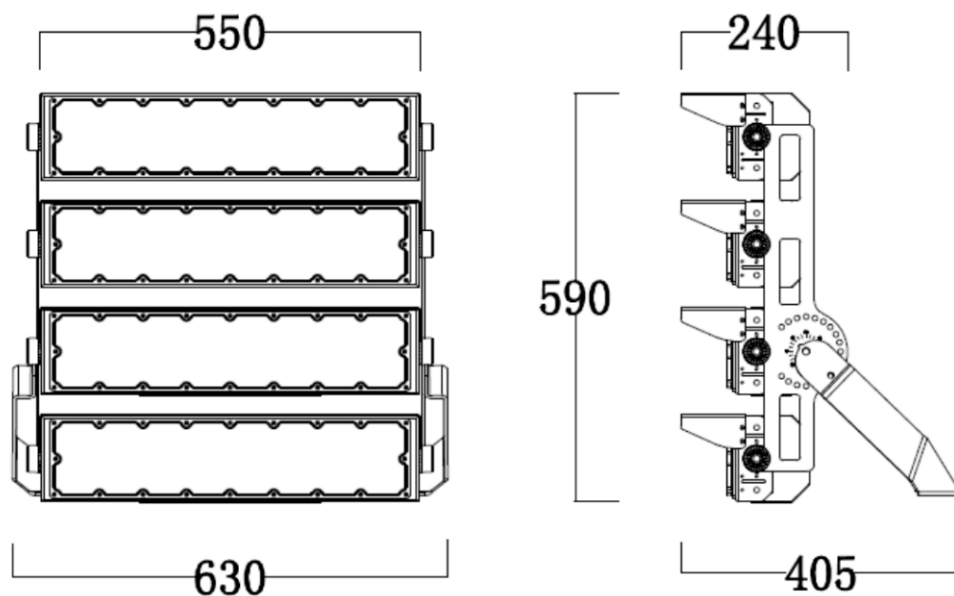
**L630xW240xH435mm**



## Dimensions(Unit:mm)

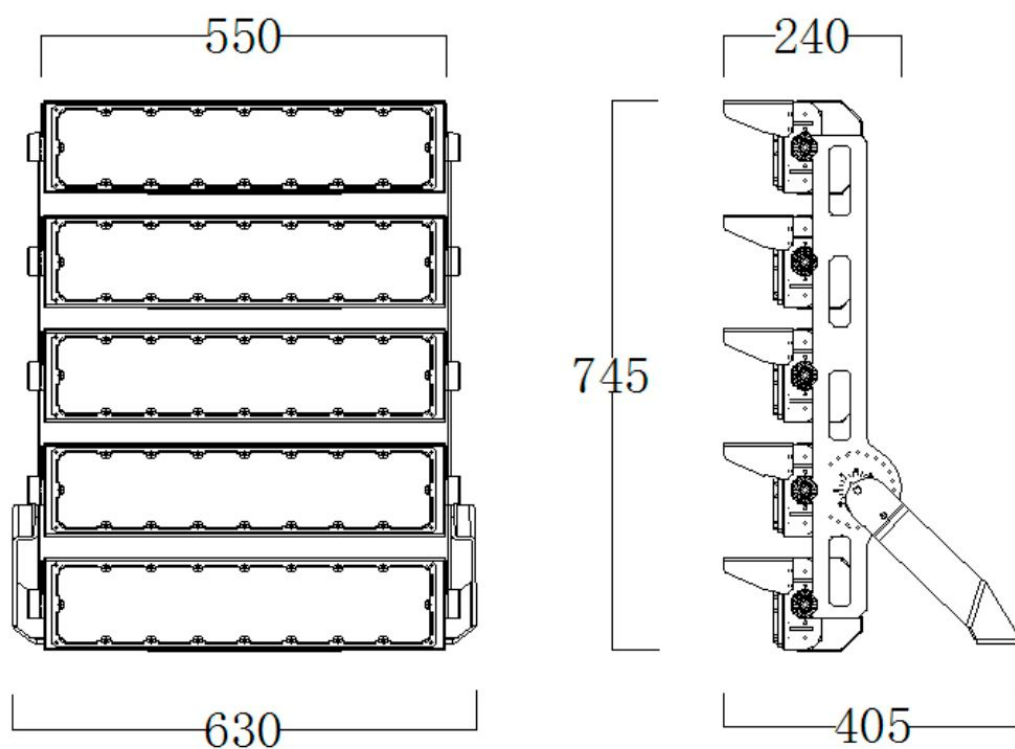
1000W

L630xW240xH590mm



1250W

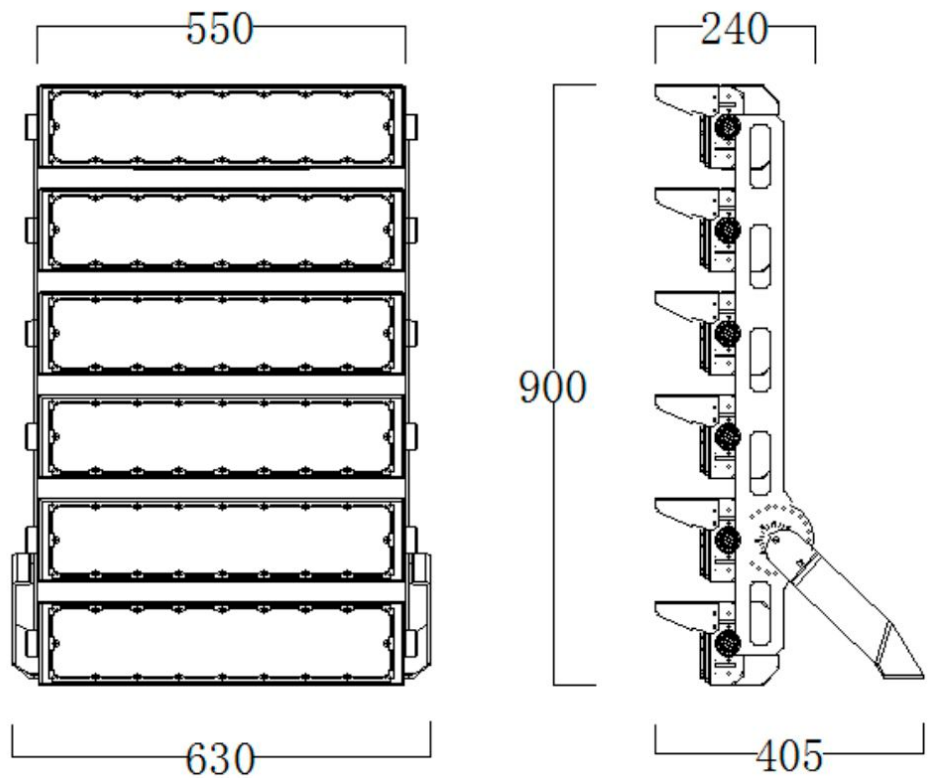
L630xW240xH745mm



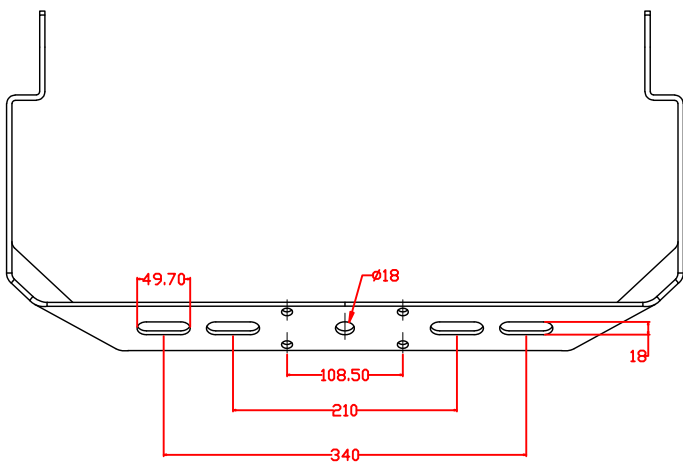
## Dimensions(Unit:mm)

1500W

L630xW240xH900mm



## Mounting Brackets(Unit:mm)



## Electrical/Optical Characteristics/Specifications

### MODEL:SRSTAL0250W-230V

| Input Voltage         | Max.Current                                                          | Operating Voltage  | Constant Current    | Power Consumption     | Power Factor |             |
|-----------------------|----------------------------------------------------------------------|--------------------|---------------------|-----------------------|--------------|-------------|
| AC200-240V            | 1.02A                                                                | DC216V             | 1.05A               | 250W±5%               | ≥0.95        |             |
| LED Type              | LED Q'ty                                                             | CRI                | CCT                 | 4000-4500K            | 5000-5200K   | 5500-6000K  |
|                       |                                                                      |                    | Luminous efficiency | 170LM/W               | 170LM/W      | 170LM/W     |
|                       |                                                                      |                    | Luminous flux       | 42500LM±10%           | 42500LM±10%  | 42500LM±10% |
|                       |                                                                      |                    | Beam Angle          | 20° / 40° / 60° / 90° |              |             |
| SMD5050               | 96PCS                                                                | ≥70Ra              |                     |                       |              |             |
| Life Time             | Certifications                                                       | IP Code            | Luminaires Class    | product dimension     | N.W          |             |
| 50.000Hours           | CE,RoHS                                                              | IP66               | Class I             | L590xW190xH200mm      | 6.0Kg        |             |
| Operating Temperature | Storage Temperature                                                  | Humidity Operating | Humidity Storage    | Packing dimension     | G.W          |             |
| -20℃to+50℃            | -30℃to+60℃                                                           | 10-80%RH           | 10-90%RH            | L645*W255*H240mm      | 7.2Kg        |             |
| Outer carton package  | 1*1layer=1PCS/carton,K=K corrugated paper, L645*W255*H240mm,GW:7.2KG |                    |                     |                       |              |             |

### MODEL:SRSTAL0500W-230V

| Input Voltage         | Max.Current                                                           | Operating Voltage  | Constant Current    | Power Consumption     | Power Factor |             |
|-----------------------|-----------------------------------------------------------------------|--------------------|---------------------|-----------------------|--------------|-------------|
| AC200-240V            | 1.02A*2                                                               | DC216V*2           | 1.05A*2             | 500W±5%               | ≥0.95        |             |
| LED Type              | LED Q'ty                                                              | CRI                | CCT                 | 4000-4500K            | 5000-5200K   | 5500-6000K  |
|                       |                                                                       |                    | Luminous efficiency | 170LM/W               | 170LM/W      | 170LM/W     |
| SMD5050               | 192PCS                                                                | ≥70Ra              | Luminous flux       | 85000LM±10%           | 85000LM±10%  | 85000LM±10% |
|                       |                                                                       |                    | Beam Angle          | 20° / 40° / 60° / 90° |              |             |
| Life Time             | Certifications                                                        | IP Code            | Luminaires Class    | product dimension     | N.W          |             |
| 50.000Hours           | CE,RoHS                                                               | IP66               | Class I             | L630xW240xH280mm      | 16.5Kg       |             |
| Operating Temperature | Storage Temperature                                                   | Humidity Operating | Humidity Storage    | Packing dimension     | G.W          |             |
| -20℃to+50℃            | -30℃to+60℃                                                            | 10-80%RH           | 10-90%RH            | L645*W390*H275mm      | 18.2Kg       |             |
| Outer carton package  | 1*1layer=1PCS/carton,K=K corrugated paper, L645*W390*H275mm,GW:18.2KG |                    |                     |                       |              |             |

## Electrical/Optical Characteristics/Specifications

### MODEL:SRSTAL0750W-230V

| Input Voltage         | Max.Current                                                           | Operating Voltage  | Constant Current    | Power Consumption     | Power Factor |              |
|-----------------------|-----------------------------------------------------------------------|--------------------|---------------------|-----------------------|--------------|--------------|
| AC200-240V            | 1.02A*3                                                               | DC216V*3           | 1.05A*3             | 750W±5%               | ≥0.95        |              |
| LED Type              | LED Q'ty                                                              | CRI                | CCT                 | 4000-4500K            | 5000-5200K   | 5500-6000K   |
|                       |                                                                       |                    | Luminous efficiency | 170LM/W               | 170LM/W      | 170LM/W      |
|                       |                                                                       |                    | Luminous flux       | 127500LM±10%          | 127500LM±10% | 127500LM±10% |
|                       |                                                                       |                    | Beam Angle          | 20° / 40° / 60° / 90° |              |              |
| SMD5050               | 288PCS                                                                | ≥70Ra              |                     |                       |              |              |
| Life Time             | Certifications                                                        | IP Code            | Luminaires Class    | product dimension     | N.W          |              |
| 50.000Hours           | CE,RoHS                                                               | IP66               | Class I             | L630xW240xH435mm      | 23Kg         |              |
| Operating Temperature | Storage Temperature                                                   | Humidity Operating | Humidity Storage    | Packing dimension     | G.W          |              |
| -20℃to+50℃            | -30℃to+60℃                                                            | 10-80%RH           | 10-90%RH            | L645*W545*H275mm      | 25.1Kg       |              |
| Outer carton package  | 1*1layer=1PCS/carton,K=K corrugated paper, L645*W545*H275mm,GW:25.1KG |                    |                     |                       |              |              |

### MODEL:SRSTAL1000W-230V

| Input Voltage         | Max.Current                                                           | Operating Voltage  | Constant Current    | Power Consumption     | Power Factor |              |
|-----------------------|-----------------------------------------------------------------------|--------------------|---------------------|-----------------------|--------------|--------------|
| AC200-240V            | 1.02A*4                                                               | DC216V*4           | 1.05A*4             | 1000W±5%              | ≥0.95        |              |
| LED Type              | LED Q'ty                                                              | CRI                | CCT                 | 4000-4500K            | 5000-5200K   | 5500-6000K   |
|                       |                                                                       |                    | Luminous efficiency | 170LM/W               | 170LM/W      | 170LM/W      |
| SMD5050               | 384PCS                                                                | ≥70Ra              | Luminous flux       | 170000LM±10%          | 170000LM±10% | 170000LM±10% |
|                       |                                                                       |                    | Beam Angle          | 20° / 40° / 60° / 90° |              |              |
| Life Time             | Certifications                                                        | IP Code            | Luminaires Class    | product dimension     | N.W          |              |
| 50.000Hours           | CE,RoHS                                                               | IP66               | Class I             | L630xW240xH590mm      | 30Kg         |              |
| Operating Temperature | Storage Temperature                                                   | Humidity Operating | Humidity Storage    | Packing dimension     | G.W          |              |
| -20℃to+50℃            | -30℃to+60℃                                                            | 10-80%RH           | 10-90%RH            | L700*W645*H275mm      | 32.5Kg       |              |
| Outer carton package  | 1*1layer=1PCS/carton,K=K corrugated paper, L700*W645*H275mm,GW:32.5KG |                    |                     |                       |              |              |

## Electrical/Optical Characteristics/Specifications

### MODEL:SRSTAL1250W-230V

| Input Voltage         | Max.Current                                                           | Operating Voltage  | Constant Current    |                       | Power Consumption | Power Factor |
|-----------------------|-----------------------------------------------------------------------|--------------------|---------------------|-----------------------|-------------------|--------------|
| AC200-240V            | 1.02A*5                                                               | DC216V*5           | 1.05A*5             |                       | 1250W±5%          | ≥0.95        |
| LED Type              | LED Q'ty                                                              | CRI                | CCT                 | 4000-4500K            | 5000-5200K        | 5500-6000K   |
|                       |                                                                       |                    | Luminous efficiency | 170LM/W               | 170LM/W           | 170LM/W      |
|                       |                                                                       |                    | Luminous flux       | 212500LM±10%          | 212500LM±10%      | 212500LM±10% |
|                       |                                                                       |                    | Beam Angle          | 20° / 40° / 60° / 90° |                   |              |
| Life Time             | Certifications                                                        | IP Code            | Luminaires Class    |                       | product dimension | N.W          |
| 50.000Hours           | CE,RoHS                                                               | IP66               | Class I             |                       | L630xW240xH745mm  | 37Kg         |
| Operating Temperature | Storage Temperature                                                   | Humidity Operating | Humidity Storage    |                       | Packing dimension | G.W          |
| -20℃to+50℃            | -30℃to+60℃                                                            | 10-80%RH           | 10-90%RH            |                       | L855*W645*H275mm  | 39.5Kg       |
| Outer carton package  | 1*1layer=1PCS/carton,K=K corrugated paper, L855*W645*H275mm,GW:39.5KG |                    |                     |                       |                   |              |

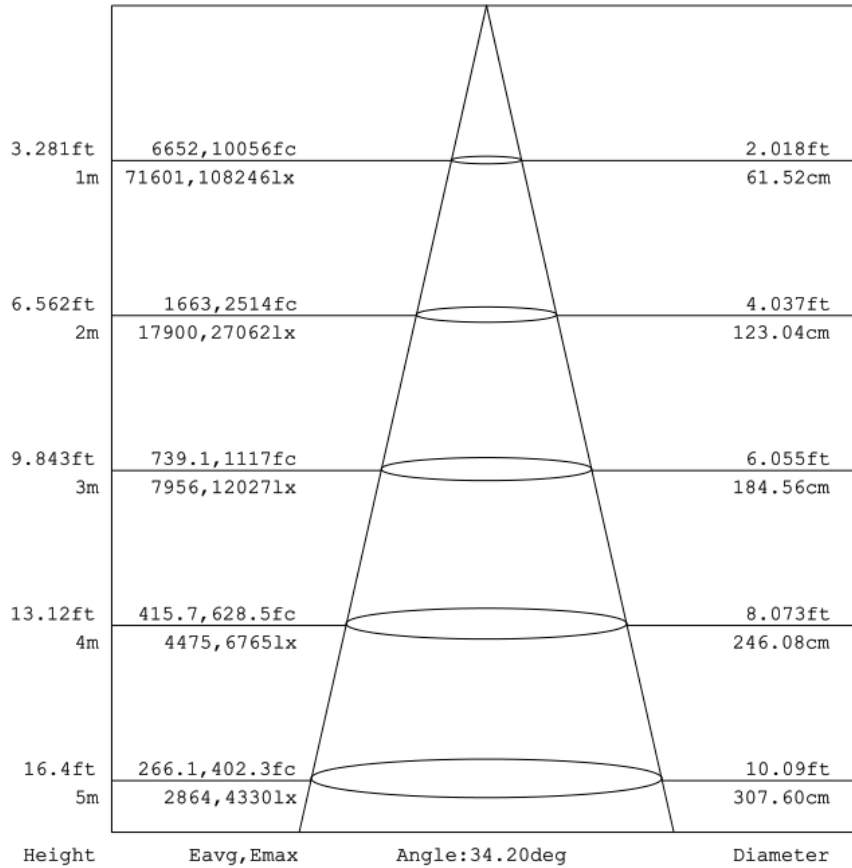
### MODEL:SRSTAL1500W-230V

| Input Voltage         | Max.Current                                                            | Operating Voltage  | Constant Current    | Power Consumption     | Power Factor |              |
|-----------------------|------------------------------------------------------------------------|--------------------|---------------------|-----------------------|--------------|--------------|
| AC200-240V            | 1.02A*6                                                                | DC216V*6           | 1.05A*6             | 1500W±5%              | ≥0.95        |              |
| LED Type              | LED Q'ty                                                               | CRI                | CCT                 | 4000-4500K            | 5000-5200K   | 5500-6000K   |
|                       |                                                                        |                    | Luminous efficiency | 170LM/W               | 170LM/W      | 170LM/W      |
| SMD5050               | 576PCS                                                                 | ≥70Ra              | Luminous flux       | 255000LM±10%          | 255000LM±10% | 255000LM±10% |
|                       |                                                                        |                    | Beam Angle          | 20° / 40° / 60° / 90° |              |              |
| Life Time             | Certifications                                                         | IP Code            | Luminaires Class    | product dimension     | N.W          |              |
| 50.000Hours           | CE,RoHS                                                                | IP66               | Class I             | L630xW240xH900mm      | 44Kg         |              |
| Operating Temperature | Storage Temperature                                                    | Humidity Operating | Humidity Storage    | Packing dimension     | G.W          |              |
| -20℃to+50℃            | -30℃to+60℃                                                             | 10-80%RH           | 10-90%RH            | L1010*W645*H275mm     | 46.5Kg       |              |
| Outer carton package  | 1*1layer=1PCS/carton,K=K corrugated paper, L1010*W645*H275mm,GW:46.5KG |                    |                     |                       |              |              |

## Test report

## SRSTAL0250W-230V

Flux out:22362 lm



Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM

