



Refond Outdoor Lighting Modules

Main product introduction

户外模组主推产品 Outdoor lighting modules

1.1 户外路灯模组 Outdoor lighting modules



Part Number	模组尺寸 (mm) module size	模组电压(V) module voltage	模组电流(mA) module current	模组功率(W) module power	模组光效(lm/W) module efficacy	显指CRI	模组发光角度 module viewing angle
RF-MTR**WS30-Q1	300*70*40	42-52	8并8串	30	110-160	70	55*150°/80*150°
RF-MTR**WS40-Q1				40	100-150		
RF-MTR**WS50-Q1				50	100-140		

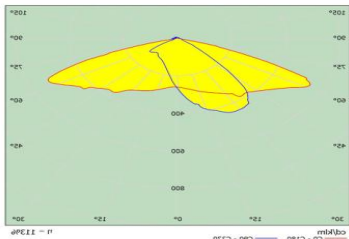
户外模组主推产品 Outdoor lighting modules

1.1 户外路灯模组

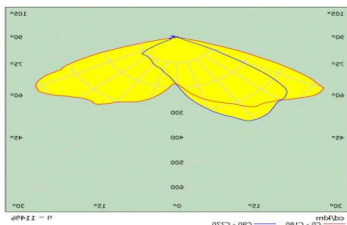
Outdoor lighting modules



配光曲线类型



Type II (55*150°)



Type III (80*150°)

Light distribution curve type

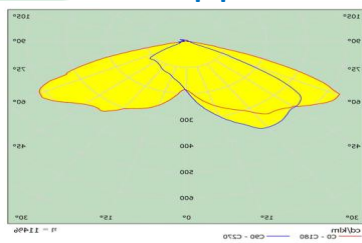
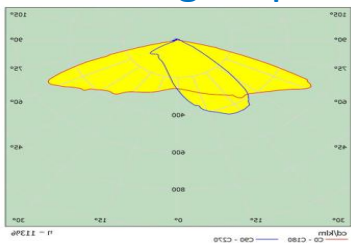
主要参数 Main spec:

模组光通量 Module luminous flux: $\geq 6750\text{lm}@940\text{mA}$	模组输入电压 Module input voltage : DC 36/48V
模组功率 Module power: 27W/ 36W/ 45W /50W	模组光效 Module light efficiency: 140-150lm/W
整灯功率 Lighting fixture power: 30W/ 40W/ 50W	整灯光效 Lighting fixture efficiency: 125-135lm/W
色温 CCT: 2200-6500K	
显色性 CRI: ≥ 70	
配光类型 Lighting distribution curve type: Type II (55*150°) / Type III (80*150°)	
平均寿命 Average life span: 5万小时 50,000 hours	
防水等级 Waterproof level: IP66	
重量 Weight : 620g	产品尺寸 Product Size: L300*W70*H53mm
环境温度 Ambient temperature: -40~45°C	焊盘温度 Pad temperature: 70°C @30°C
Certification: N.A	

户外模组主推产品 Outdoor lighting modules

1.2 户外路灯规格及应用介绍

Street light specifications and application introduction



主要参数:Main spec:

额定功率 Rated power:60W/ 100W/ 150W/ 200W/ 240W/ 320W

额定电压 Rated voltage : 90~305V AC/ 176~305V AC/ 249~528V AC

频率及功率因素Frequency and power factor : 50/60Hz Pf0.98

整灯光效 Whole lighting efficiency : 125-135lm/W

色温CCT:2000-6500K

显色性CRI:≥70

配光类型Light distribution type: Type II (55*150°) ; Type III (80*150°)

平均寿命 Average life span:5万小时

防水等级waterproof level:IP67

重量weight :<10Kg

环境温度Ambient temperature:-40~45℃

壳体温度Shell temperature:55-62℃

认证Certification : CE\TUV\CCC

应用场景Application scene :

适用于城市道路、快速路、主干路、次干路、支路及居住区照明等 ;

Suitable for urban roads, express roads, main roads, secondary roads, branch roads and residential area lighting, etc.;



户外模组主推产品 Outdoor lighting modules

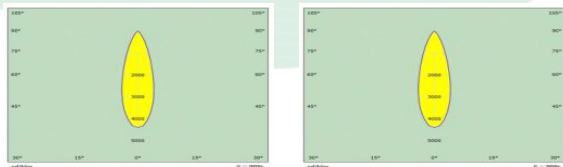
2.1户外投光灯模组 Outdoor flood light modules



Part Number	模组尺寸 (mm) module size	模组电压(V) module voltage	模组电流(mA) module current	模组功率(W) module power	模组光效(lm/W) module efficacy	显指 CRI	模组发光角度 module viewing angle
RF-MTJ50WS27-Q1	300*70*40	42-52	14并2串	27	110-170	70	24°/36°/60°/90° /90°*120°
RF-MTJ50WS36-Q1				36	110-170		
RF-MTJ50WS45-Q1				45	100-150		
RF-MTJ50WS54-Q1				54	100-150		

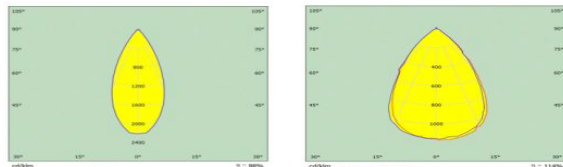
户外模组主推产品 Outdoor lighting modules

2.1 户外投光灯模组 Outdoor flood light modules



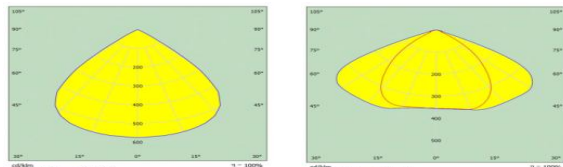
24°

30°



36°

60°



90°

90*120°



配光曲线类型

主要参数Main spec :

模组光通量 Module luminous flux : $\geq 6750\text{lm}@940\text{mA}$

模组输入电压Module input voltage : DC 36/48V

模组功率Module power: 27W/ 36W/ 45W

模组光效Module light efficiency : 140-170lm/W

系统功率System power: 30W/ 40W/ 50W

整灯光效Whole light efficiency : 125-135lm/W

色温CCT: 2200-6500K

显色性CRI: ≥ 70

配光类型 Light distribution type: 24°、30°、36°、60°、90°、90*120°

平均寿命Average life span: 5万小时

防水等级waterproof level: IP66

重量Weight: 620g

产品尺寸Product Size : L300*W70*H53mm

工作环境温度Working temperature: -40~45°C

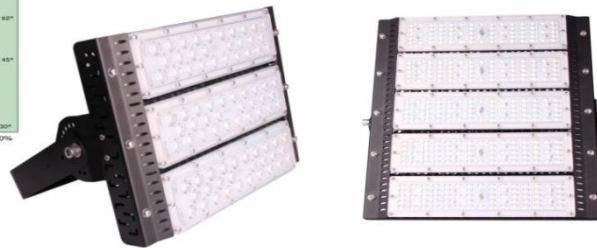
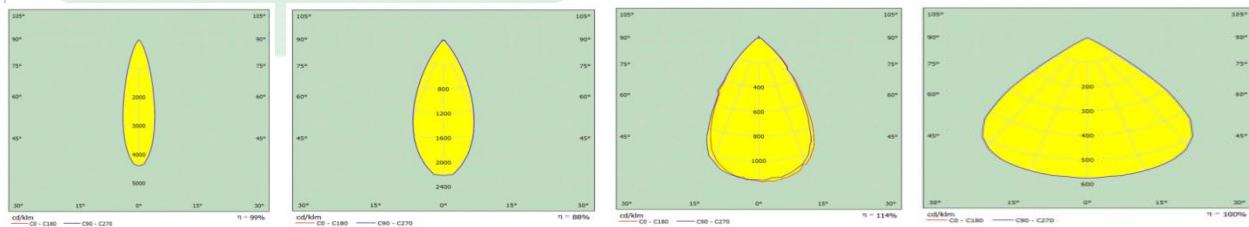
焊盘温度Pad temperature: 70°C @30°C

认证Certification : N.A

Light distribution curve type

户外模组主推产品 Outdoor lighting modules

2.2 投光灯规格和应用介绍 Flood light specification and application introduction



主要参数Main spec:

额定功率 Rated power: 100W/ 150W/ 200W/ 240W/ 300W/ 400W/ 500W

额定电压 Rated voltage : 90~305V AC/ 176~305V AC/ 249~528V AC

频率及功率因素 Frequency and power factor : 50/60Hz Pf0.98

整灯光效 Whole lighting efficiency : 125-135lm/W

色温 CCT: 2000-6500K

显色性 CRI: ≥70

配光类型 Light distribution type: 24°/ 30°/ 36°/ 60°/ 90°/ 90X120°

平均寿命 Average life span: 5万小时

防水等级 waterproof level: IP67

重量 Weight: <20Kg

环境温度 Ambient temperature: -40~45℃

壳体温度 Shell temperature: 55-62℃

认证 Certification : CE\TUV\CCC

应用场景 Application scene :

道路照明、机场/港口照明、体育场馆照明、展馆照明、高杆灯广场照明等 ; road lighting, airport/port lighting, stadium lighting, exhibition hall lighting, high-pole lamp square lighting, etc.;



谢谢！
Thank you!

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