



TOCHLIGHTING

— More Than Lights, Real Solutions —

PRODUCT CATALOG 2026

Outdoor Lighting Solution Provider,
Tailored for Your Project

www.tochlight.com



ABOUT US

Full-Chain LED Outdoor Lighting Manufacturer

From LED packaging to intelligent lighting systems

152,269m²

PRODUCTION BASE AREA

18 Years

PRODUCTION EXPERIENCE

300+

PATENTED DESIGNS

300+

EMPLOYEES

60+

EXPORT COUNTRIES

45+

R&D Team



Full-chain manufacturing is more than capacity. It is the ability to control quality, accelerate response and create long-term value for every lighting scenario.

COMPANY PROFILE

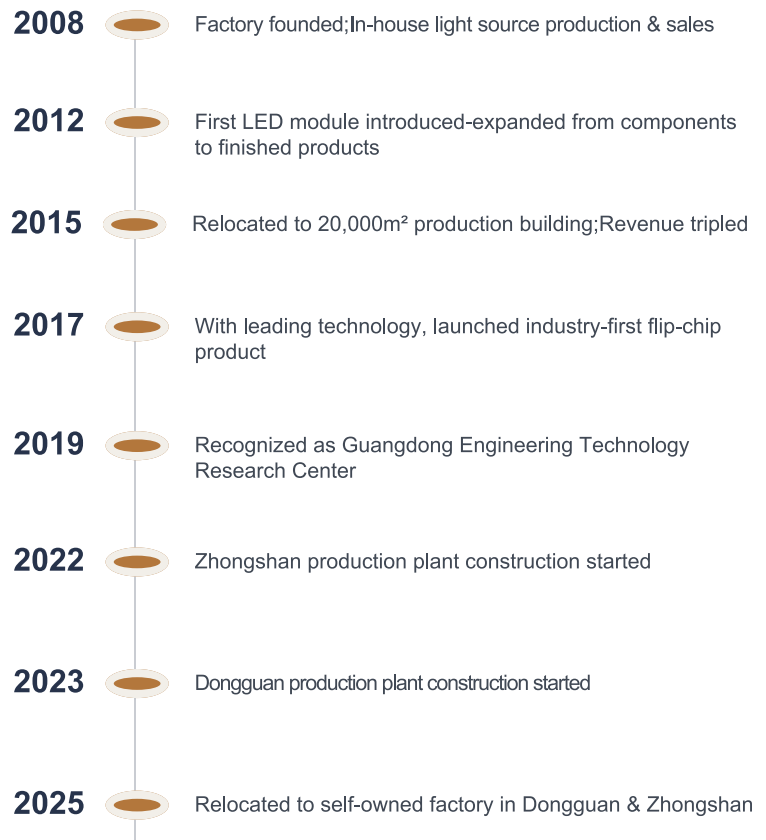
Full-Chain Manufacturing. Reliable Lighting Solutions.

Shenzhen TOCHlighting Technology has been specializing in the LED outdoor lighting industry for over 18 years. We have established a fully integrated industrial chain, covering LED package, optical lens development, die-casting manufacturing, luminaire production, and smart lighting IoT management platforms. With strong in-house supporting capabilities, we can respond quickly to customized requirements and provide multi-scenario, integrated, and practical professional lighting solutions, continuously creating value for our customers. Our products have been exported to more than 60 countries and regions worldwide, serving municipal, industrial and sports lighting projects across global markets.

Committed to the principles of green, low-carbon, and energy-efficient development, our products adopt high-efficacy LED chips and self-developed optical systems to deliver outstanding lighting performance featuring high brightness, excellent uniformity, and long lifespan. Driven by professionalism, innovation, and quality, TOCHlighting Technology empowers the lighting industry and illuminates a brighter future.

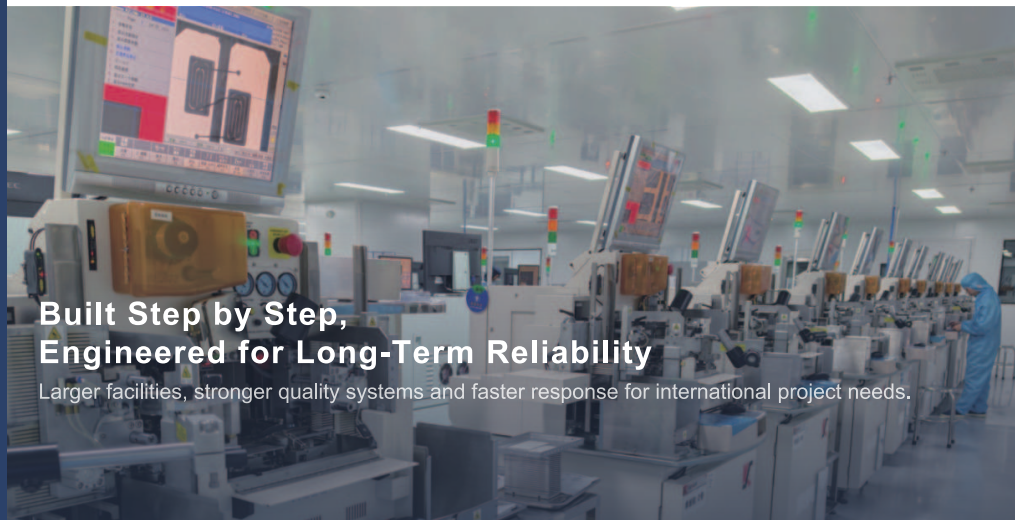
Company Milestones

Every stage of growth reflects stronger manufacturing capability, deeper vertical integration and greater global project experience.



**Built Step by Step,
Engineered for Long-Term Reliability**

Larger facilities, stronger quality systems and faster response for international project needs.



Trusted For Global Projects

Certified systems, proven reliability and practical engineering support projects worldwide.



8+

CERTIFICATION
SYSTEM

300+

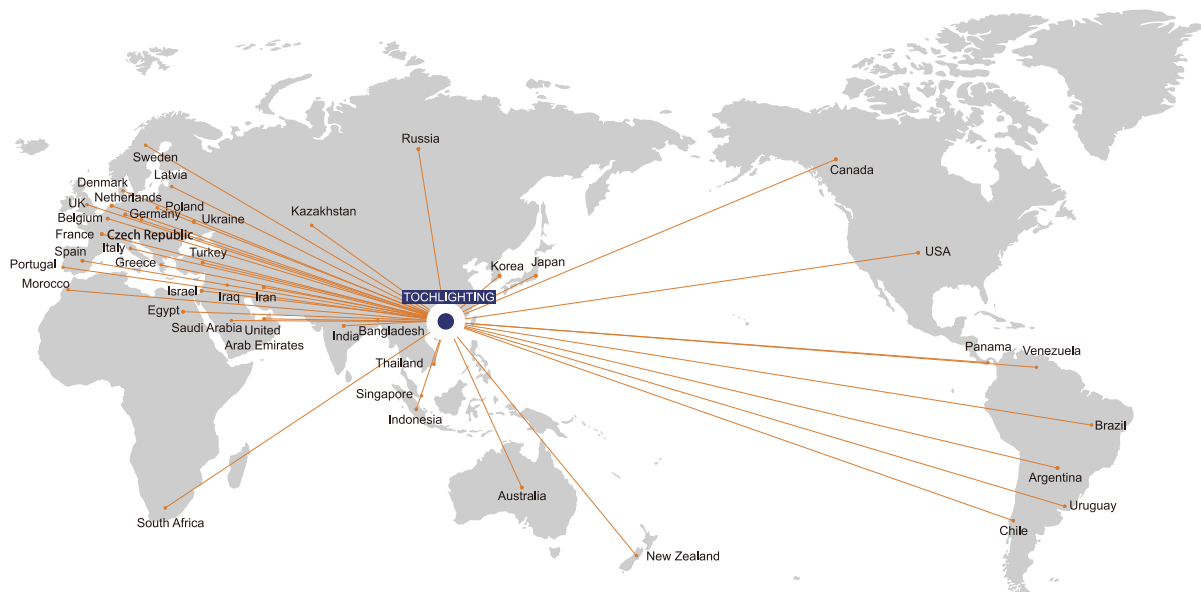
CERTIFIED
PATENTS



Compliance
opens markets.
Reliability keeps
customers.

GLOBAL REACH

60+ Countries & Regions



TOCHLIGHTING delivers practical lighting solutions for diverse climates, installation environments and project specifications, from early consultation to customization and delivery.

Dual Manufacturing Bases. One Integrated Supply Chain.

TOCHLIGHTING operates two large-scale manufacturing bases in Zhongshan and Dongguan, integrating LED packaging, die-casting and luminaire assembly into one efficient industrial system.



**ZHONGSHAN
PRODUCTION BASE**

53,957m²

Die-casting and lighting project customization center for engineering customization, structural components and project support.



**DONGGUAN
PRODUCTION BASE**

98,312m²

LED packaging and finished product assembly center for standardized, scaled and energy-efficient output.

FLEXIBLE CUSTOMIZATION RAPID RESPONSE

Capable of handling hundreds of orders simultaneously, enabling deep customization and fast prototyping for varied project needs.

SCALABLE DELIVERY CAPACITY GUARANTEED

With monthly production capacity exceeding 180,000 units, TOCHLIGHTING supports stable and punctual delivery for large-scale projects.

MANUFACTURING PILLARS



LED DIE-CASTING

Precision structural parts and robust housings.



LED ENCAPSULATION

High-efficacy light-source integration.



LED LUMINAIRE ASSEMBLY

Coordinated assembly for finished products.

Precision Die-Casting. Reliable Testing. Full-Chain Production.

Engineering quality is secured through in-house testing, integrated production lines and precision structural manufacturing. From laboratory validation to assembly control, TOCHLIGHTING builds reliability into every stage of production.

PRECISION DIE-CASTING

Zhongshan base specializes in die-casting. Hot chamber machines, including units up to 900T, produce high-volume aluminum and alloy housings, while post-casting processes deliver accurate, robust and smooth-textured parts.



RELIABLE TESTING

A professional reliability laboratory covers optical, electrical and environmental testing. Integrating spheres, light distribution testers, electrical safety analyzers, thermal shock chambers, vibration testers and aging systems support rigorous in-house validation.



FULL-CHAIN PRODUCTION

Dongguan base integrates LED packaging, SMT lines and luminaire assembly. High-speed SMT machines deliver precise component mounting, while final assembly and aging lines help guarantee stable performance and long life.



CONTENTS

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L16B
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LED Flood Light Series



V5B
P23-24



V26
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V29
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LED Stadium Light Series



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V20
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T20
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P45



M06A
P46



M06B
P47



M08
P48



M10
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M17
P50



M18A
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M27
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M30
P53



M37
P54

LED Module (3030) Series



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P55



M14
P56



M18C
P57



M32
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M33
P58

SKD Solutions



PCBA
P59



LED Optics
P60



LED Drivers
P61



Waterproof Connectors
P62



Street Light



LED Street Light Series





L13B

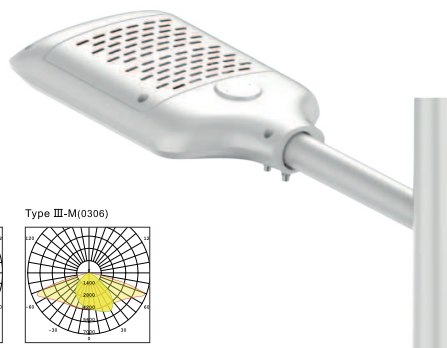
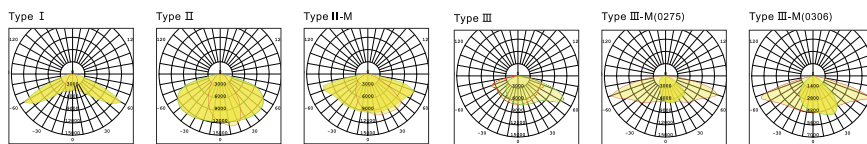


50-300W L13B LED Modular Street Light: SKD Choose, 180lm/W Efficacy - Designed for Urban Roads

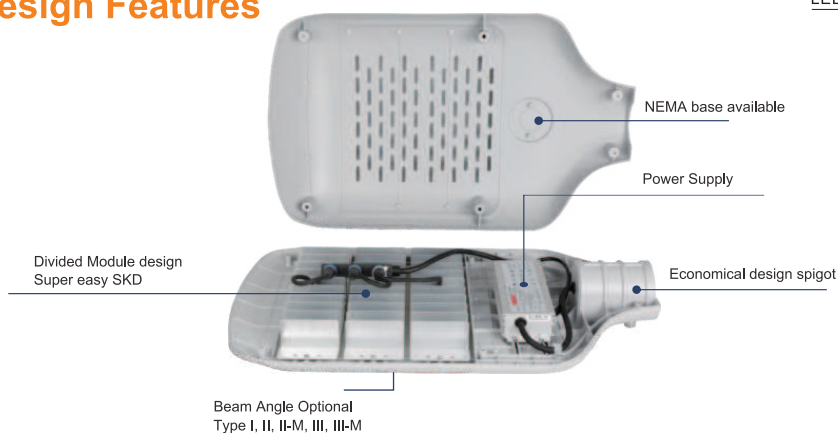


- LUMINOUS EFFICACY: Up to 180lm/W
- CCT & CRI: 2700K-6500K, Ra>70(Ra 80/90 customizable)
- IP & IK RATING: IP66/IK10
- LIGHT DISTRIBUTION: Type I , Type II , Type II -M, Type III , Type III -M
- INTELLIGENT CONTROL: DALI, 0-10V, PWM, Timer Dimming, Zigbee, LoRa, NEMA/Zhaga Solutions
- LEDs: 3030/5050
- WARRANTY: 5-year standard, 10-year optional

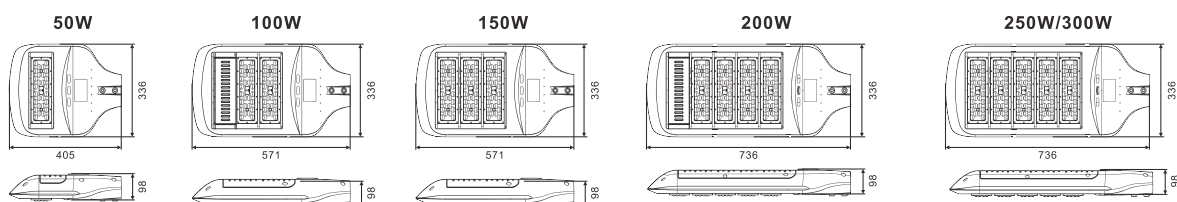
Light Distribution Curve



Internal Design Features



Dimension(mm)



Parameters

Electric Data						
Model	TL-L13B-50W	TL-L13B-100W	TL-L13B-150W	TL-L13B-200W	TL-L13B-250W	TL-L13B-300W
Power	50W	100W	150W	200W	250W	300W
Power Efficiency	88%~92%					
Power Factor	>0.95					
Power Supply	MOSO/SOSEN/INVENTRONICS(or customer specified)					
Working Voltage	90-305V AC,50/60 Hz					
Photometric Specifications						
LEDs	5050 LED					
CRI	>70(Ra 80/90 customizable)					
Luminous Efficacy	175±5lm/W					
LEDs Qty	28pcs	56pcs	84pcs	112pcs	140pcs	140pcs
Luminous Flux(±5%)	8750lm	17500lm	26250lm	35000lm	43750lm	52500lm
CCT	3000K/4000K/5000K/6000K					
Beam Angle	Type I , Type II , Type II -M, Type III , Type III -M					
Mechanical Specifications						
IP/IK Rate	IP66/IK10					
Lifespan	>50,000 Hours					
Lamp Pole	50/60mm					
Body Material	Aluminum					
Housing Material	ADC#12(Housing)/AL6063-T5(Module)					
Lens Material	PC					
Dimmable	0-10V,DALI,LORA SYSTEM					
N.W.(KG)	3.2	4.4	4.8	5.8	6.3	6.4
Light Size(mm)	405×336×98	571×336×98	571×336×98	738×336×98	738×336×98	738×336×98
Working Temperature	-40℃~50℃ , 20%~90% RH					
Storage Temperature	-45℃~55℃ , 10%~90% RH					



L16B

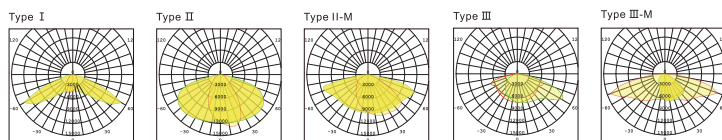


50-250W L16B LED Modular Street Light: Plug & Play Design, Tool-Free Maintenance - Built for Easy Use

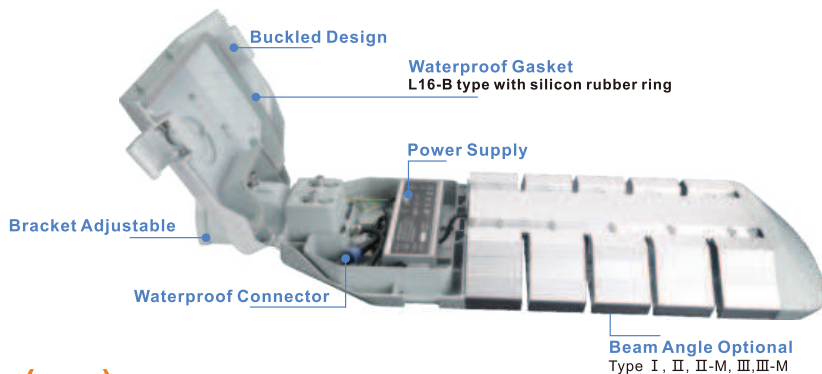


- LUMINOUS EFFICACY: Up to 190lm/W
- CCT & CRI: 2700K-6500K, Ra>70(Ra 80/90 customizable)
- IP & IK RATING: IP66/IK10
- LIGHT DISTRIBUTION: Type I , Type II , Type II -M, Type III , Type III -M
- INTELLIGENT CONTROL: DALI, 0-10V, PWM, Timer Dimming, Zigbee, LoRa, NEMA/Zhaga Solutions
- LEDs: 5050
- WARRANTY: 5-year standard, 10-year optional

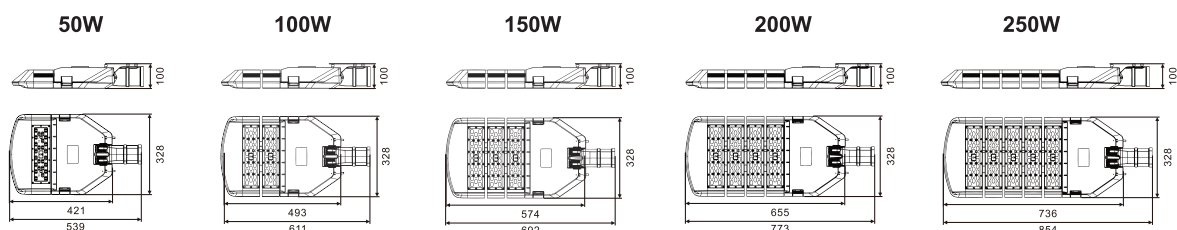
Light Distribution Curve



Internal Design Features



Dimension(mm)



Parameters

Electric Data					
Model	TL-L16B-50W	TL-L16B-100W	TL-L16B-150W	TL-L16B-200W	TL-L16B-250W
Power	50W	100W	150W	200W	250W
Power Efficiency	88%-90%				
Power Factor	>0.95				
Power Supply	MOSO/SOSEN/INVENTRONICS(or customer specified)				
Working Voltage	90-305V/249-528V AC,50/60 Hz				
Photometric Specifications					
LEDs	5050 LED				
CRI	>70(>80,>90 optional)				
Luminous Efficacy	155-160lm/W				
LEDs Qty	28pcs	56pcs	84pcs	112pcs	140pcs
Luminous Flux(±5%)	7750lm	15500lm	23250lm	31000lm	38750lm
CCT	3000K/4000K/5000K/6000K				
Beam Angle	Type I , Type II , Type II -M, Type III , Type III -M				
Mechanical Specifications					
Inclination Angle	Horizontal/Vertical -15~15°				
IP/IK Rate	IP66/IK10				
Lifespan	>50,000 Hours				
Lamp Pole	50/60mm				
Body Material	Aluminum				
Housing Material	ADC#12(Housing)/AL6063-T5(Module)				
Lens Material	PC				
Dimmable	0-10V,DALI,LORA SYSTEM				
N.W.(KG)	4.8	5.7	6.6	7.5	8.4
Light Size(mm)	539×328×100	611×328×100	692×328×100	773×328×100	854×328×100
Working Temperature	-40℃~50℃ , 20%~90% RH				
Storage Temperature	-45℃~55℃ , 10%~90% RH				



L18

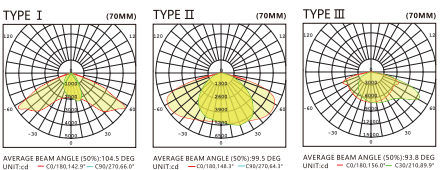


100-450W L18 LED Modular Street Light: Durable Performance, NEMA Compatible - Future-Proof Lighting



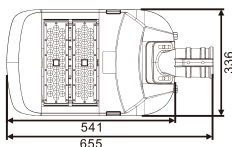
- LUMINOUS EFFICACY: Up to 170lm/W
- CCT & CRI: 2700K-6500K, Ra>70(Ra 80/90 customizable)
- IP & IK RATING: IP66/IK10
- LIGHT DISTRIBUTION: Type I , Type II , Type III
- INTELLIGENT CONTROL: DALI, 0-10V, PWM, Timer Dimming, Zigbee, LoRa, NEMA/Zhaga Solutions
- LEDs: 3030/5050
- WARRANTY: 5-year standard, 10-year optional

Light Distribution Curve

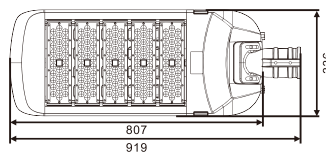


Dimension(mm)

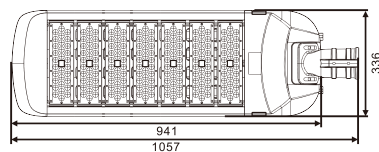
100W



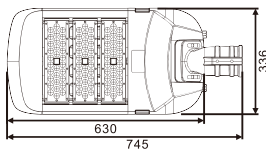
250W



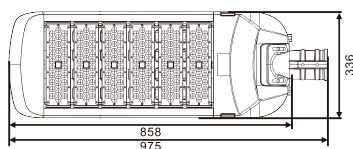
350W



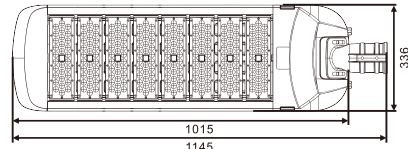
150W



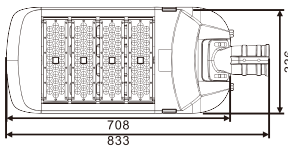
300W



450W



200W



Parameters

Electric Data							
Model	TL-L18-100W	TL-L18-150W	TL-L18-200W	TL-L18-250W	TL-L18-300W	TL-L18-350W	TL-L18-450W
Power	100W	150W	200W	250W	300W	350W	450W
Power Efficiency	90%						
Power Factor	>0.95						
Power Supply	MOSO/SOSEN/INVENTRONICS(or customer specified)						
Working Voltage	AC90-305V/249-528V AC, 50/60Hz						
Photometric Specifications							
LEDs	5050 LED						
CRI	>70(Ra 80/90 customizable)						
Luminous Efficacy	150-160lm/W						
LEDs Qty	56pcs	84pcs	112pcs	140pcs	168pcs	196pcs	224pcs
Luminous Flux(±5%)	16000lm	24000lm	32000lm	40000lm	46500lm	54250lm	70000lm
CCT	3000K/4000K/5000K/6000K						
Beam Angle	Type I , Type II , Type III						
Mechanical Specifications							
Inclination Angle	Horizontal/Vertical-10~15°						
IP/IK Rate	IP66/IK10						
Lifespan	>50,000 Hours						
Lamp Pole	50/60mm						
Housing Material	ADC#12(Housing)/AL6063-T5(Module)						
Lens Material	PC						
N.W.(KG)	6.6	7.87	8.94	10.0	11.1	12.16	13.6
Light Size(mm)	655×336×185	745×336×185	833×336×185	919×336×185	975×336×185	1057×336×185	1145×336×185
Working Temperature	-40℃~50℃ , 20%~90% RH						
Storage Temperature	-45℃~55℃ , 10%~90% RH						



L29



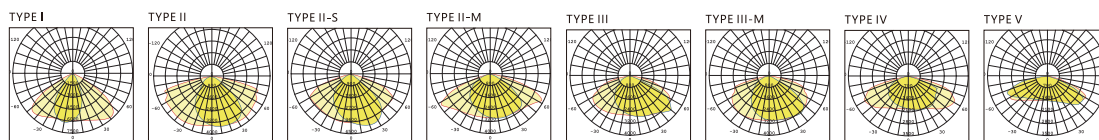
30-200W L29 LED Street Light: Streamlined Design, Multiple Optics - Precision Lighting for Roads



- LUMINOUS EFFICACY: Up to 185lm/W
- CCT & CRI: 2700K-6500K, Ra>70(Ra 80/90 customizable)
- IP & IK RATING: IP66/IK09
- LIGHT DISTRIBUTION: Type I , Type II , Type II -S, Type II -M, Type III , Type III -M, Type IV , Type V
- INTELLIGENT CONTROL: DALI, 0-10V, PWM, Timer Dimming, Zigbee, LoRa, NEMA/Zhaga Solutions
- LEDs: 3030/5050
- WARRANTY: 5-year standard, 10-year optional



Light Distribution Curve

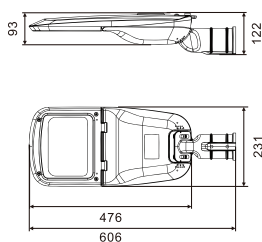


Internal Design Features

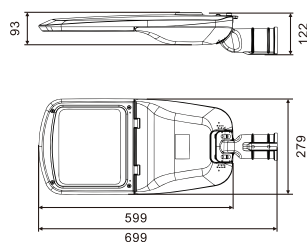


Dimension(mm)

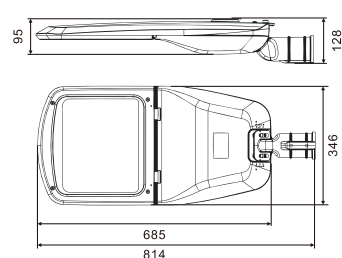
30W-60W



80W-120W



150W-200W



Parameters

Electric Data										
Model	TL-L29-30W	TL-L29-50W	TL-L29-60W	TL-L29-80W	TL-L29-90W	TL-L29-100W	TL-L29-120W	TL-L29-150W	TL-L29-180W	TL-L29-200W
Power	30W	50W	60W	80W	90W	100W	120W	150W	180W	200W
Power Efficiency	88%-90%									
Power Factor	>0.95									
Power Supply	MOSO/SOSEN/INVENTRONICS(or customer specified)									
Working Voltage	AC90-305V 50/60Hz									
Photometric Specifications										
LEDs	5050 LED									
CRI	>70(Ra 80/90 customizable)									
Luminous Efficacy	130-150lm/W									
LEDs Qty Type I,II,III-S,III,V	16pcs	24pcs	24pcs	32pcs	48pcs	48pcs	48pcs	60pcs	80pcs	80pcs
LEDs Qty Type II-M,III-M,IV	24pcs	36pcs	36pcs	48pcs	72pcs	72pcs	72pcs	90pcs	120pcs	120pcs
Luminous Flux(±5%)	4050lm	6750lm	8100lm	10800lm	12150lm	13500lm	16200lm	20250lm	24300lm	27000lm
CCT	3000K/4000K/5000K/6000K									
Beam Angle	Type I , Type II , Type II-S, Type II-M, Type III , Type III-M, Type IV , Type V									
Mechanical Specifications										
Inclination Angle	Horizontal -10~10°/ Vertical 10°									
IP/IK Rate	IP66/IK09									
Lifespan	>50,000 Hours									
Lamp Pole	60mm									
Housing Material	ADC#12									
N.W.(KG)	4.60			6.20				8.90		
Light Size(mm)	606×231×122			699×279×122				814×346×128		
Working Temperature	-40℃~50℃ , 20%~90% RH									
Storage Temperature	-45℃~55℃ , 10%~90% RH									



L31

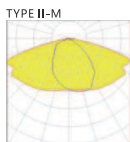


30-150W L31 LED Street Light: Economic Choice, Adjustable Angle - Built for Longevity



- LUMINOUS EFFICACY: Up to 160lm/W
- CCT & CRI: 2700K-6500K, Ra>70(Ra 80/90 customizable)
- IP & IK RATING: IP66/IK08
- LIGHT DISTRIBUTION: Type II -M
- INTELLIGENT CONTROL: DALI, 0-10V, PWM, Timer Dimming, Zigbee, LoRa, NEMA/Zhaga Solutions
- LEDs: 3030
- WARRANTY: 5-year standard, 10-year optional

Light Distribution Curve

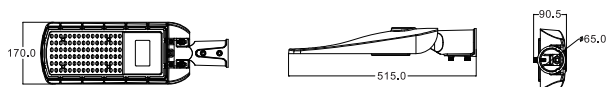


External Design Features

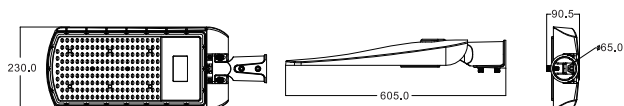


Dimension(mm)

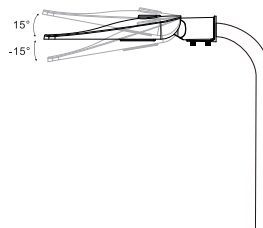
30-80W



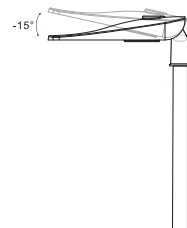
100-150W



Installation



Horizontal installation



Vertical installation

Parameters

Electric Data						
Model	TL-L31-30W	TL-L31-50W	TL-L31-60W	TL-L31-100W	TL-L31-120W	TL-L31-150W
Power	30W	50W	60W	100W	120W	150W
Power Efficiency	88%-92%					
Power Factor	>0.95					
Power Supply	MOSO/SOSEN/INVENTRONICS(or customer specified)					
Working Voltage	AC90-305V 50/60Hz					
Photometric Specifications						
LEDs	3030 LED					
CRI	>70(Ra 80/90 customizable)					
Luminous Efficacy	140-160lm/W					
LEDs Qty	96pcs	96pcs	96pcs	184pcs	184pcs	184pcs
Luminous Flux(±5%)	4800lm	8000lm	9000lm	16000lm	19200lm	22500lm
CCT	3000K/4000K/5000K/6000K					
Beam Angle	Type II -M					
Mechanical Specifications						
IP/IK Rate	IP66/IK08					
Lifespan	>50,000 Hours					
Lamp Pole	60mm					
Housing Material	ADC#12					
N.W.(KG)	2.0			3.4		
Light Size(mm)	515×170×90.5			605×230×90.5		
Working Temperature	-40℃~50℃，20%~90% RH					
Storage Temperature	-45℃~55℃，10%~90% RH					
2PCS/CTN	565×230×190MM			655×280×190MM		



L36



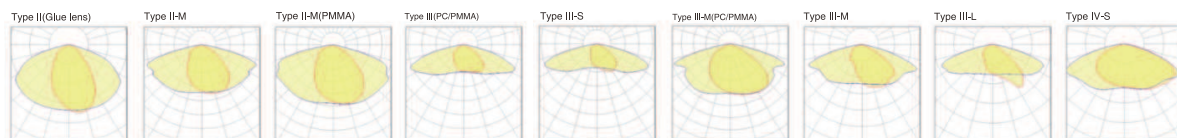
30-350W L36 LED Street Light: Sleek Structure, Uniform Output - Lighting Made Smarter



- LUMINOUS EFFICACY: Up to 180lm/W
- CCT & CRI: 2700K-6500K, Ra>70(Ra 80/90 customizable)
- IP & IK RATING: IP66/IK10
- LIGHT DISTRIBUTION: Type II , Type II -M(PC/PMMA), Type III (PC/PMMA), Type III -S, Type III -M(PC/PMMA), Type III -L, Type IV -S
- INTELLIGENT CONTROL: DALI, 0-10V, PWM, Timer Dimming, Zigbee, LoRa, NEMA/Zhaga Solutions
- LEDs: 3030/5050
- WARRANTY: 5-year standard, 10-year optional



Light Distribution Curve

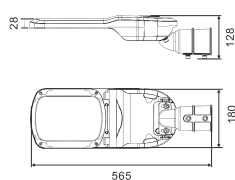


External Design Features

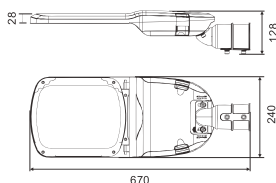
LED Street Light Series
L36

Dimension(mm)

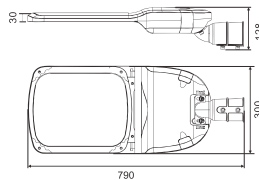
30W-60W



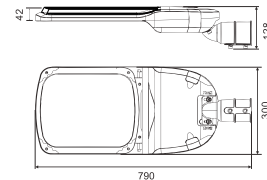
80W-150W



160W-250W



300W-350W



Parameters

Electric Data														
Model	TL-L36-30W	TL-L36-50W	TL-L36-60W	TL-L36-80W	TL-L36-100W	TL-L36-120W	TL-L36-150W	TL-L36-180W	TL-L36-200W	TL-L36-220W	TL-L36-250W	TL-L36-300W	TL-L36-350W	
Power	30W	50W	60W	80W	100W	120W	150W	180W	200W	220W	250W	300W	350W	
Power Efficiency	88%-93%													
Power Factor	>0.95													
Power Supply	MOSO/BOSEN/INVENTRONICS(or customer specified)													
Working Voltage	AC90-305V 50/60Hz													
Photometric Specifications														
LEDs	5050 LED													
CRI	>70(Ra 80/90 customizable)													
Luminous Efficacy	150-170lm/W													
LEDs Qty	24pcs	36pcs	36pcs	48pcs	54pcs	72pcs	72pcs	120pcs	120pcs	144pcs	144pcs	192pcs	192pcs	
Luminous Flux(±5%)	4800lm	8000lm	9600lm	12800lm	16000lm	19200lm	24000lm	28800lm	32000lm	35200lm	38750lm	48000lm	52500lm	
CCT	3000K/4000K/5000K/6000K													
Beam Angle	Type II , Type II -M(PC/PMMA), Type III (PC/PMMA), Type III -S, Type III -M(PC/PMMA), Type III -L, Type IV -S													
Mechanical Specifications														
Inclination Angle	Horizontal/Vertical -15~15°													
IP/IK Rate	IP66/IK10													
Lifespan	>50,000 Hours													
Lamp Pole	35/45/48/60/76mm													
Housing Material	ADC#12													
N.W.(KG)	3.5	3.5	3.7	5.4	5.5	5.8	5.8	7.1	7.1	7.1	7.1	9.5	9.7	
Light Size(mm)	565×180×128			670×240×128				790×300×128				790×300×128		
Working Temperature	-40℃~50℃ , 20%~90% RH													
Storage Temperature	-45℃~55℃ , 10%~90% RH													
Housing Color	Light Grey(RAL9006) Drak Grey													
2PCS/CTN	610×230×235mm						720×290×235mm				840×370×235mm			



L60

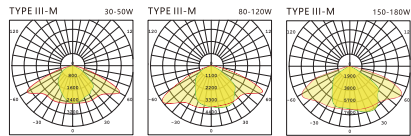


30-200W L60 LED Street Light: Compact Design, Reliable Performance - Built for Cost-Saving Projects



- LUMINOUS EFFICACY: Up to 140lm/W
- CCT & CRI: 2700K-6500K, Ra>70(Ra 80/90 customizable)
- IP & IK RATING: IP66/IK10
- LIGHT DISTRIBUTION: Type III -M
- INTELLIGENT CONTROL: DALI, 0-10V, PWM, Timer Dimming, Zigbee, LoRa, NEMA/Zhaga Solutions
- LEDs: 3030
- WARRANTY: 5-year standard, 10-year optional

Light Distribution Curve

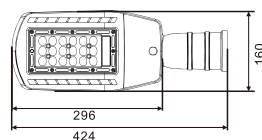


Internal Design Features

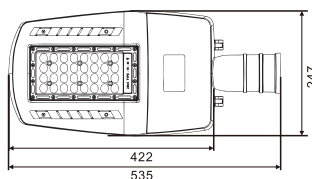


Dimension(mm)

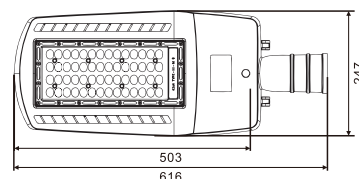
30W-50W



80W-120W



150W-180W



Parameters

Electric Data						
Model	TL-L60-30W	TL-L60-50W	TL-L60-80W	TL-L60-120W	TL-L60-150W	TL-L60-200W
Power	30W	50W	80W	120W	150W	200W
Power Efficiency	88%-92%					
Power Factor	>0.95					
Power Supply	MOSO/SOSEN/INVENTRONICS(or customer specified)					
Working Voltage	90-305V AC,50/60Hz					
Photometric Specifications						
LEDs	3030 LED					
CRI	>70(Ra 80/90 customizable)					
Luminous Efficacy	>140 lm/W					
LEDs Qty	36pcs	56pcs	80pcs	128pcs	176pcs	224pcs
Luminous Flux(±5%)	3600lm	6000lm	9600lm	14400lm	18000lm	24000lm
CCT	3000K/4000K/5000K/6000K					
Beam Angle	Type III-M					
Mechanical Specifications						
IP/IK Rate	IP66/IK10					
Lifespan	>50,000 Hours					
Lamp Pole	Φ60mm					
Housing Material	ADC#12					
N.W.(KG)	1.73		3.10		3.68	
Lamp Size(mm)	424×160×84		535×247×96		616×247×96	
Working Temperature	-40℃~50℃ , 20%~90% RH					
Storage Temperature	-45℃~55℃ , 10%~90% RH					



L63



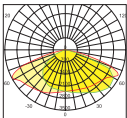
30-240W L63 LED Street Light: Sleek Design, Powerful Performance - Efficiency Meets Intelligence



- LUMINOUS EFFICACY: Up to 160lm/W
- CCT & CRI: 2700K-6500K, Ra>70(Ra 80/90 customizable)
- IP & IK RATING: IP66/IK08
- LIGHT DISTRIBUTION: Type II -M
- INTELLIGENT CONTROL: DALI, 0-10V, PWM, Timer Dimming, Zigbee, LoRa, NEMA/Zhaga Solutions
- LEDs: 3030
- WARRANTY: 5-year standard, 10-year optional

Light Distribution Curve

Type II-M

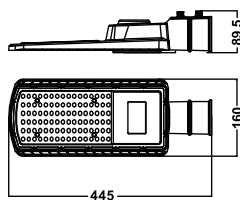


External Design Features

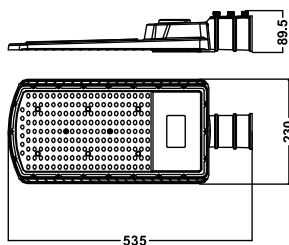


Dimension(mm)

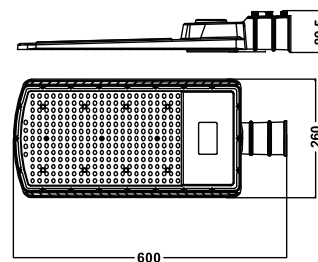
30-60W



100-150W



200-240W



Parameters

Electric Data						
Model	TL-L63-30W	TL-L63-60W	TL-L63-100W	TL-L63-150W	TL-L63-200W	TL-L63-240W
Power	30W	60W	100W	150W	200W	240W
Power Efficiency	88%-92%					
Power Factor	>0.95					
Power Supply	MOSO/SOSEN/INVENTRONICS(or customer specified)					
Working Voltage	AC90-305V 50/60Hz					
Photometric Specifications						
LEDs	3030 LED					
CRI	>70(Ra 80/90 customizable)					
Luminous Efficacy	140-160lm/W					
LEDs Qty	96pcs	96pcs	184pcs	184pcs	288pcs	288pcs
Luminous Flux(±5%)	4500lm	9000lm	15000lm	22500lm	30000lm	36000lm
CCT	3000K/4000K/5000K/6000K					
Beam Angle	Type II -M					
Mechanical Specifications						
IP/IK Rate	IP66/IK08					
Lifespan	>50,000 Hours					
Lamp Pole	60mm					
Housing Material	ADC#12					
N.W.(KG)	1.73		3.10		3.68	
Light Size(mm)	445×170×89.5		535×230×89.5		600×260×89.5	
Working Temperature	-40℃~50℃，20%~90% RH					
Storage Temperature	-45℃~55℃，10%~90% RH					



L68

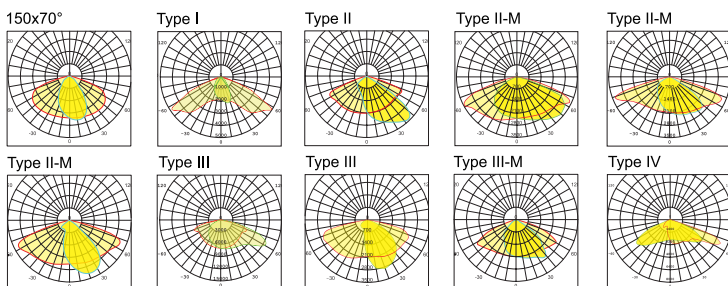


50-250W L68 LED Modular Street Light: Classic Matured, High Efficacy - Customized Lighting Experience



- LUMINOUS EFFICACY: Up to 180lm/W
- CCT & CRI: 2700K-6500K, Ra>70(Ra 80/90 customizable)
- IP & IK RATING: IP66/IK10
- LIGHT DISTRIBUTION: 150x70°, Type I , Type II , Type II -M, Type III , Type III -M, Type IV
- INTELLIGENT CONTROL: DALI, 0-10V, PWM, Timer Dimming, Zigbee, LoRa, NEMA/Zhaga Solutions
- LEDs: 3030/5050
- WARRANTY: 5-year standard, 10-year optional

Light Distribution Curve



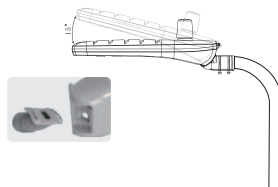
External Design Features



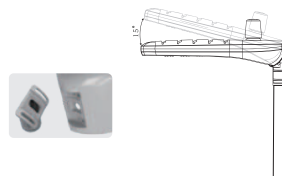
Installation

LED Street Light Series
L68

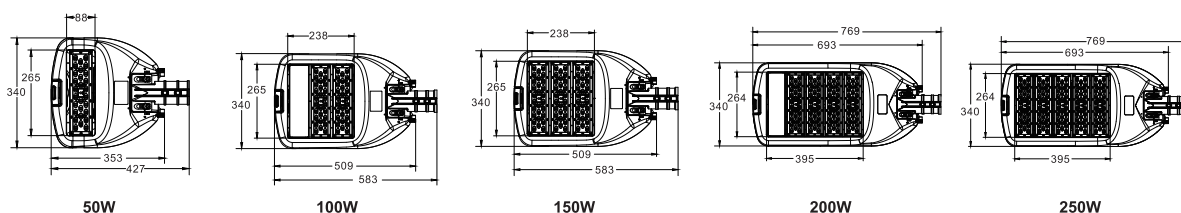
Horizontal installation



Vertical installation



Dimension(mm)



Parameters

Electric Data					
Model	TL-L68-50W	TL-L68-100W	TL-L68-150W	TL-L68-200W	TL-L68-250W
Power	50W	100W	150W	200W	250W
Power Efficiency	88%-92%				
Power Factor	>0,95				
Power Supply	MOSO/SOSEN/INVENTRONICS(or customer specified)				
Working Voltage	90-305V/249-528V AC,50/60Hz				
Photometric Specifications					
LEDs	5050 LED				
CRI	>70(Ra 80/90 customizable)				
Luminous Efficacy	175±5 lm/W				
LEDs Qty	28pcs	56pcs	84pcs	112pcs	140pcs
Luminous Flux(±5%)	8750lm	17500lm	26250lm	35000lm	43750lm
CCT	3000K/4000K/5000K/6000K				
Beam Angle	150x70°, Type I , Type II , Type II -M, Type III , Type III -M, Type IV				
Mechanical Specifications					
Inclination Angle	Horizontal/Vertical +15°				
IP/IK Rate	IP66/IK10				
Lifespan	>50,000 Hours				
Lamp Pole	50-60mm				
Housing Material	ADC#12(Housing)/AL6063-T5(Module)				
N.W.(KG)	5.8	7.2	8.1	9.1	10.1
Lamp Size(mm)	427×340×134	583×340×134	583×340×134	769×340×139	769×340×139
Working Temperature	-40℃~50℃ , 20%~90% RH				
Storage Temperature	-45℃~55℃ , 10%~90% RH				
Lens Material	PC				
Dimmable	0-10V,DALI,LORA SYSTEM				



XH01

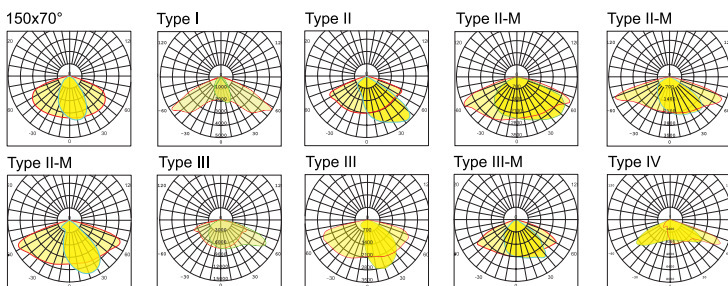


30-300W XH01 LED Shoebox Light: Modular Design, Multiple Bracket - Built for Versatile Area Lighting

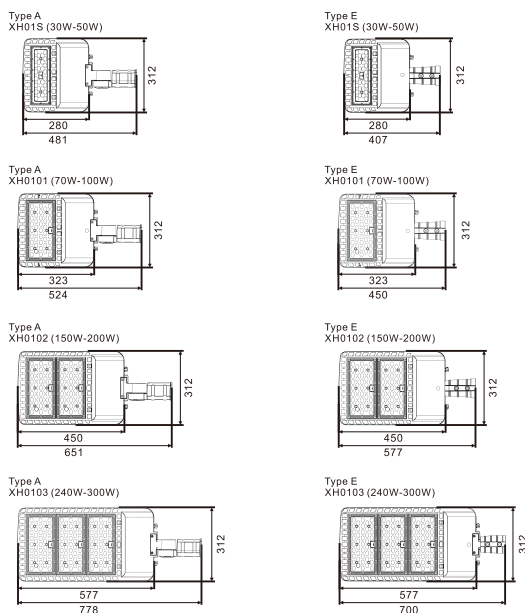


- LUMINOUS EFFICACY: Up to 160lm/W
- CCT & CRI: 2700K-6500K, Ra>70(Ra 80/90 customizable)
- IP & IK RATING: IP66/IK10
- LIGHT DISTRIBUTION: Type II -M, Type III, Type IV, Type V, 120x50°, 145x100°, 150x70°
- INTELLIGENT CONTROL: DALI, 0-10V, PWM, Timer Dimming, Zigbee, LoRa, NEMA solution
- LEDs: 3030/5050
- WARRANTY: 5-year standard, 10-year optional

Light Distribution Curve

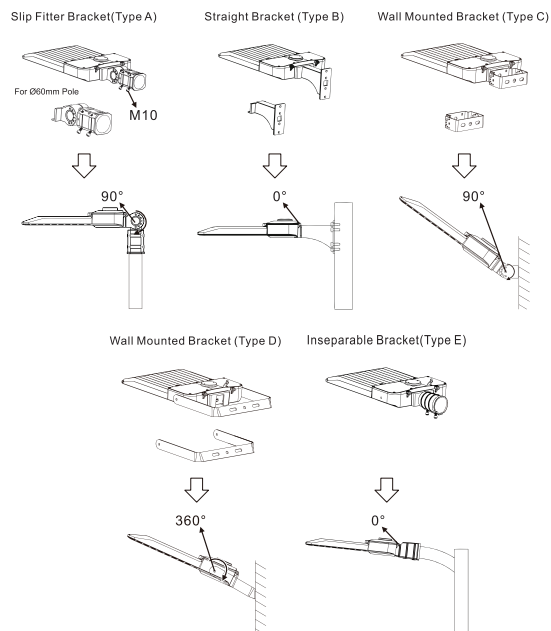


Dimension(mm)



Installation

LED Street Light Series
XH01



Parameters

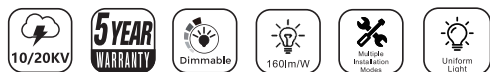
Electric Data								
Model	TL-XH01-30W	TL-XH01-50W	TL-XH01-70W	TL-XH01-100W	TL-XH01-150W	TL-XH01-200W	TL-XH01-240W	TL-XH01-300W
Power	30W	50W	70W	100W	150W	200W	240W	300W
Power Efficiency	88%-90%							
Power Factor	>0.95							
Power Supply	MOSO/ SOSEN/ INVENTRONICS(or customer specified)							
Working Voltage	100-305V/249-528V AC,50/60Hz							
Photometric Specifications								
LEDs	5050 LED							
CRI	>70(Ra 80/90 customizable)							
LEDs Qty	28pcs	28pcs	42pcs	42pcs	84pcs	84pcs	126pcs	126pcs
Luminous Efficacy (145×100°,150×70°)	150-160 lm/W	140-150 lm/W	150-160 lm/W	140-150 lm/W	150-160 lm/W	140-150 lm/W	150-160lm	140-160lm
Luminous Efficacy (Type II-M,III,IV,V,120×50°)	145-155 lm/W	135-145 lm/W	150-160 lm/W	130-140 lm/W	140-150 lm/W	130-140 lm/W	140-150lm	130-140lm
CCT	3000K/4000K/5000K/6000K							
Beam Angle	Type II -M, Type III, Type IV, Type V, 120x50°, 145x100°, 150x70°							
Mechanical Specifications								
Bracket Optional	Type A,B,C,D,E							
IP/IK Rate	IP66/IK10							
Lifespan	>50,000 Hours							
Lens Material	PC							
Housing Material	ADC#12							
N.W.(KG)	2.5		4.6		5.6		6.5	
Lamp Size(mm)	481×312×93		524×312×93		651×312×93		778×312×93	
Working Temperature	-40℃~50℃, 20%~90% RH							
Storage Temperature	-45℃~55℃, 10%~90% RH							
Compression Strength	1500V AC/10nA							
Insulation Resistance	≥10MΩ 500VDC							
Leakage Current	<1mA @220V AC							
Ground Resistance	<0.1Ω,10A							
Surge Protection	5KV line-line,10KV line-earth							
Temperature Rise of Lamp	≤50℃ @25℃							



GL02

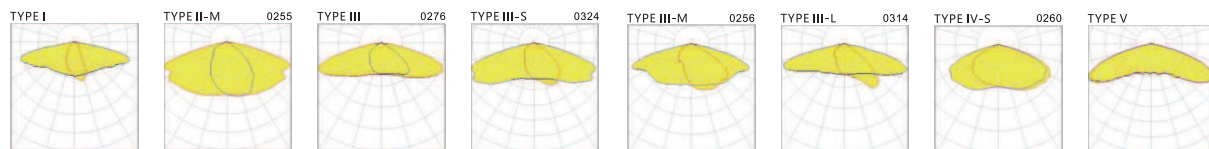


20-80W GL02 LED Garden Light: Flexible Mounting, Uniform Illumination - Build for Modern Landscapes



- LUMINOUS EFFICACY: Up to 160lm/W
- CCT & CRI: 2700K-6500K, Ra>70(Ra 80/90 customizable)
- IP & IK RATING: IP66/IK10
- LIGHT DISTRIBUTION: Type I , Type II -M, Type III , Type III -S, Type III -M, Type III -L, Type IV -S, Type V
- INTELLIGENT CONTROL: DALI, 0-10V, PWM, Timer Dimming, Zigbee, LoRa, NEMA solution
- LEDs: 5050
- WARRANTY: 5-year standard, 10-year optional

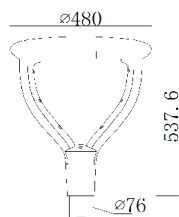
Light Distribution Curve



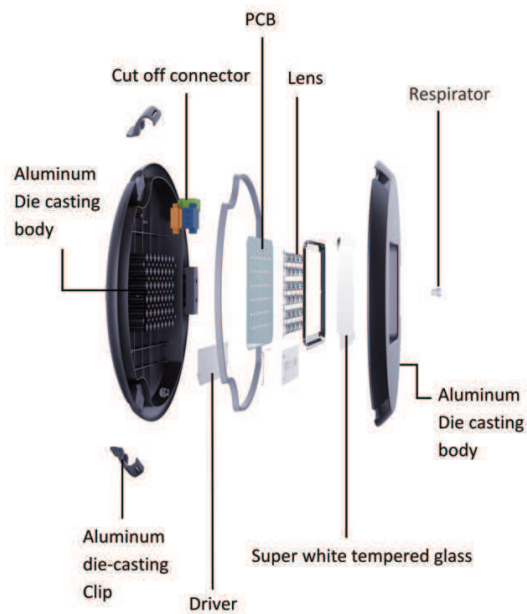
Relatives



Dimension(mm)



Unique Features



Parameters

Electric Data							
Model	TL-GL02-20W	TL-GL02-30W	TL-GL02-40W	TL-GL02-50W	TL-GL02-60W	TL-GL02-70W	TL-GL02-80W
Power	20W	30W	40W	50W	60W	70W	80W
Power Supply	MOSO/SOSEN/INVENTRONICS(or customer specified)						
Working Voltage	100-277V AC/50-60Hz;108-305V AC/50-60Hz						
Photometric Specifications							
LEDs	LumiLEDs LUXEON 5050						
CRI	>70(Ra 80/90 customizable)						
Luminous Efficacy	140-160 lm/W						
LEDs Qty	24-36pcs	24-36pcs	24-36pcs	24-36pcs	24-36pcs	48pcs	48pcs
Luminous Flux(±5%)	3000lm	4500lm	6000lm	7500lm	9000lm	10500lm/W	12000lm
CCT	2700-6500K						
Beam Angle	Type I , Type II -M, Type III , Type III -S, Type III -M, Type III -L, Type IV -S, Type V						
Mechanical Specifications							
IP/IK Rate	IP66/IK10						
Lifetime	100,000 Hours						
Operating Temperature	-30℃~55℃						
Dimming	DALI/0-10V/PWM/Timer						
Options	Photocell/Surge protection device/External cable (different length upon request)						
Color	Grey/Black/White/(other color upon request)						



The image is a vertical composition. The top half shows a runway stretching into the distance under a dramatic sunset sky with orange, pink, and purple hues. A city skyline is visible in the background. The bottom half shows an airport terminal at night, illuminated by warm lights, with a large aircraft visible on the left. A green semi-transparent banner is overlaid across the middle of the image.

LED Flood Light Series



V5B

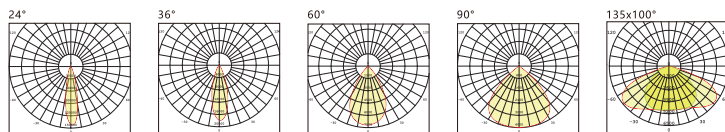


50-600W V5B LED Flood Light: Powerful Illumination, Flexible Installation - Professional Lighting for Large Area



- LUMINOUS EFFICACY: Up to 150lm/W
- CCT & CRI: 2700K-6500K, Ra>70(Ra 80/90 customizable)
- IP & IK RATING: IP66/IK10
- LIGHT DISTRIBUTION: 25°, 40°, 60°, 90°, 135×100°
- INTELLIGENT CONTROL: DALI, 0-10V, PWM, DMX512, Timer Dimming, Zigbee, LoRa, NEMA/Zhaga Solutions
- LEDs: 3030
- WARRANTY: 5-year standard, 10-year optional

Light Distribution Curve



Product Details

LED Flood Light Series V5B

Replaceable parts for completed lamp, it's water-proof & non-corrosive by electrophoresis process technology.

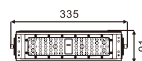
100% pure aluminum heat sink, excellent heat dissipation

IP66 grade(corrosion-proof, water-proof and dust-proof), IK10 impact grade

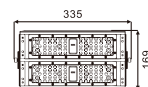
Optics lens 24°,36°,60°,90°,135×100° to satisfy different requirement

USA Bridgelux 3030 LED, system efficiency up to 120lm/w

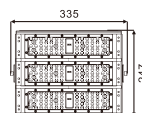
50W



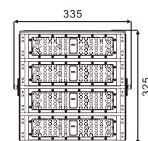
100W



150W

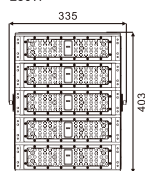


200W

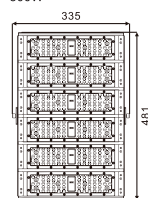


Dimension(mm)

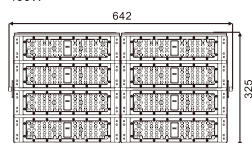
250W



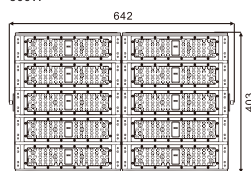
300W



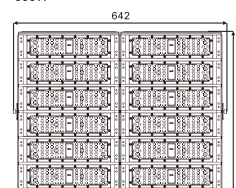
400W



500W



600W



Parameters

Electric Data									
Model	TL-V5B-50W	TL-V5B-100W	TL-V5B-150W	TL-V5B-200W	TL-V5B-250W	TL-V5B-300W	TL-V5B-400W	TL-V5B-500W	TL-V5B-600W
Power	50W	100W	150W	200W	250W	300W	400W	500W	600W
Power Efficiency	88%-90%								
Power Factor	>0.95								
Power Supply	MOSO/SOSEN/INVENTRONICS(or customer specified)								
Working Voltage	90-305V/249-528V AC,50/60Hz								
Photometric Specifications									
LEDs	3030 LED								
CRI	>70(Ra 80/90 customizable)								
Luminous Efficacy	140-150lm/W								
LEDs Qty	60pcs	120pcs	180pcs	240pcs	300pcs	360pcs	480pcs	600pcs	720pcs
Luminous Flux(±5%)	6250lm	12500lm	18750lm	25000lm	31250lm	37500lm	50000lm	62500lm	75000lm
CCT	3000K/4000K/5000K/6000K								
Beam Angle	24°,36°,60°,90°,135°×100°								
Mechanical Specifications									
Inclination Angle	±180°(50/100W)		±60°(150-600W)						
IP/IK Rate	IP66/IK10								
Radiator Material	Aluminum								
Lifespan	>50,000 Hours								
Lens Material	PC								
N.W.(KG)	3.2	4.3	5.2	6.8	8.0	9.2	13.0	15.2	17.6
Light Size(mm)	335×91×193	335×170×193	335×247×193	335×325×193	403×335×193	481×335×193	642×335×193	642×403×193	642×481×193
Working Temperature	-40℃ ~ 50℃,20%~ 90% RH								
Storage Temperature	-45℃ ~ 55℃,10%~ 90% RH								



V26

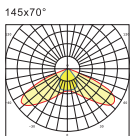


30-200W V26 LED Tunnel Light: Uniform Output, Visual Comfort - Designed for Safer Lighting



- LUMINOUS EFFICACY: Up to 160lm/W
- CCT & CRI: 2700K-6500K, Ra>70(Ra 80/90 customizable)
- IP & IK RATING: IP66/IK10
- LIGHT DISTRIBUTION: 145×70°
- INTELLIGENT CONTROL: DALI, 0-10V, PWM, DMX512, Timer Dimming, Zigbee, LoRa, NEMA/Zhaga Solutions
- DIMMABLE: 0-10V, PWM, Sensor
- LEDs: 3030
- WARRANTY: 5-year standard, 10-year optional

Light Distribution Curve

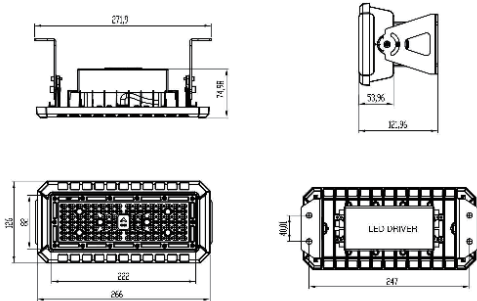


Product Details

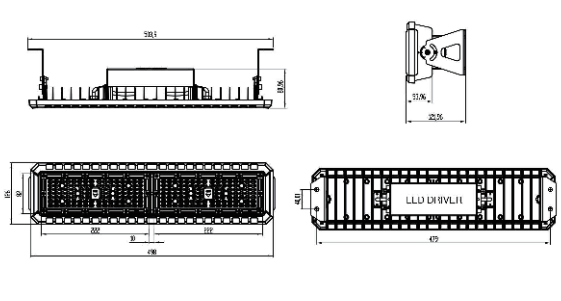


Dimension(mm)

30W-100W



120W-200W



Parameters

Electric Data						
Model	TL-V26-30W	TL-V26-50W	TL-V26-100W	TL-V26-120W	TL-V26-150W	TL-V26-200W
Power	30W	50W	100W	120W	150W	200W
Power Efficiency	88%-92%					
Power Factor	>0.95					
THD	<15%					
Power Supply	MOSO/SOSEN/INVENTRONICS(or customer specified)					
Working Voltage	90-305V AC,50/60Hz					
Photometric Specifications						
LEDs	3030 LED					
CRI	>70(Ra 80/90 customizable)					
Luminous Efficacy	150-160 lm/W					
LEDs Qty	102pcs	102pcs	102pcs	204pcs	204pcs	204pcs
Luminous Flux(±5%)	4500lm	7250lm	16000lm	19200lm	24000lm	32000lm
CCT	3000K/4000K/5000K/6000K					
Beam Angle	145×70°					
Mechanical Specifications						
IP/IK Rate	IP66/IK10					
Lens Material	PC					
Inclination Angle	±60°					
Lifespan	>50,000 Hours					
Body Material	Die-cast Aluminum					
N.W.(KG)	1.46	1.46	1.46	2.9	2.9	2.9
Dimension(mm)	272×126×122			504×126×122		
Working Temperature	-40 C ~ 50 C ,20%~ 90% RH					
Storage Temperature	-45 C ~ 55 C ,10%~ 90% RH					



V27

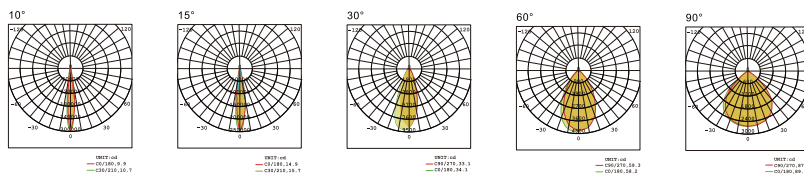


120-600W V27 LED Flood Light: Modular Design, Easy Stock - Smart & Flexible Lighting



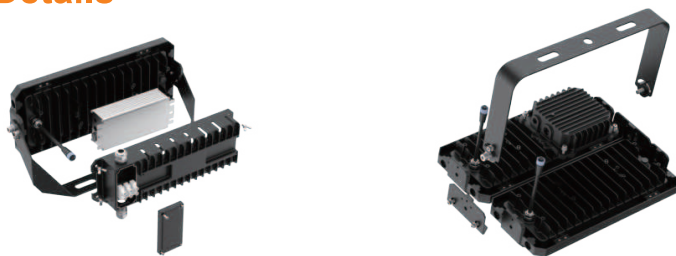
- LUMINOUS EFFICACY: Up to 160lm/W and 180lm/W optional
- CCT & CRI: 2700K-6500K, Ra>70(Ra 80/90 customizable)
- IP & IK RATING: IP66/IK10
- LIGHT DISTRIBUTION: 10°, 15°, 30°, 60°, 90°
- INTELLIGENT CONTROL: DALI, 0-10V, PWM, DMX512, Timer Dimming, Zigbee, LoRa, NEMA/Zhaga Solutions
- LEDs: 3535/3030
- WARRANTY: 5-year standard, 10-year optional

Light Distribution Curve



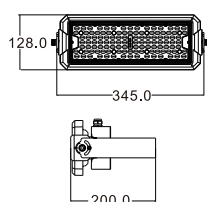
Product Details

LED Flood Light Series
V27

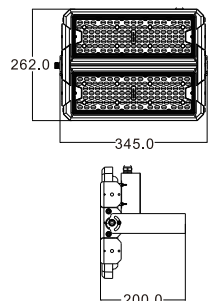


Dimension(mm)

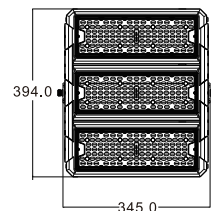
V2701-120W



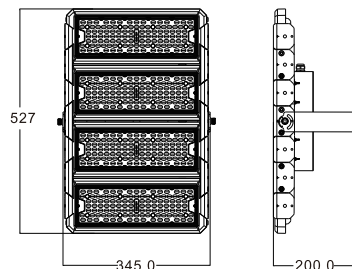
V2702-250W



V2703-350W



V2704-500W



Parameters

Electric Data								
Model	TL-V27-120W	TL-V27-150W	TL-V27-250W	TL-V27-300W	TL-V27-350W	TL-V27-450W	TL-V27-500W	TL-V27-600W
Power	120W	150W	250W	300W	350W	450W	500W	600W
Power Efficiency	92%							
Power Factor	>0.95							
Power Supply	MOSO/SOSEN/INVENTRONICS(or customer specified)							
Working Voltage	AC100-277/100-350/277-480V							
Photometric Specifications								
LEDs	3535/3030 LEDs							
CRI	>70(Ra 80/90 customizable)							
Luminous Efficacy	160 lm/W or 180 lm/W							
LEDs Qty	112pcs	168pcs	224pcs	336pcs	336pcs	504pcs	448pcs	672pcs
Luminous Flux(1000lm/W)	19200lm	21600lm	40000lm	45000lm	56000lm	63000lm	56000lm	90000lm
LEDs Qty	168pcs(120W)		336pcs(250W)		504pcs(350W)		672pcs(500W)	
Luminous Flux(1000lm/W)	21600lm		45000lm		63000lm		90000lm	
CCT	3000K/4000K/5000K/5700K							
Beam Angle	10°,15°,30°,60°,90°							
Mechanical Specifications								
IP/IK Rate	IP66/IK10							
Lifespan	>50,000 Hours							
Inclination Angle	120°							
Housing Material	Aluminum Alloy							
Lens Material	PC							
N.W.(KG)	2.5		3.5		4.6		5.3	
Lamp Size(mm)	345×200×128		345×262×200		394×345×200		527×345×200	
Package Dimension(mm)	420×220×200		420×260×250		420×500×250		420×620×250	
Working Environment	-40℃~50℃，20%~90% RH							
Storage Temperature	-45℃~55℃，10%~90% RH							

Flood Light



V29

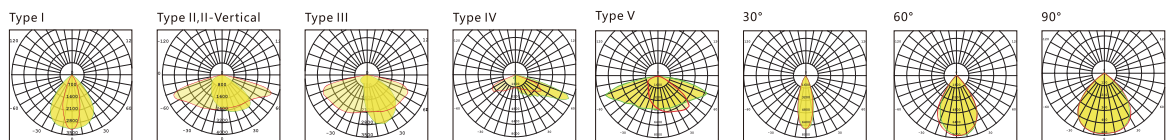


50-200W V29 LED Flood Light: Up to 190 lm/W, Smart Connectivity - Built for Versatile Applications



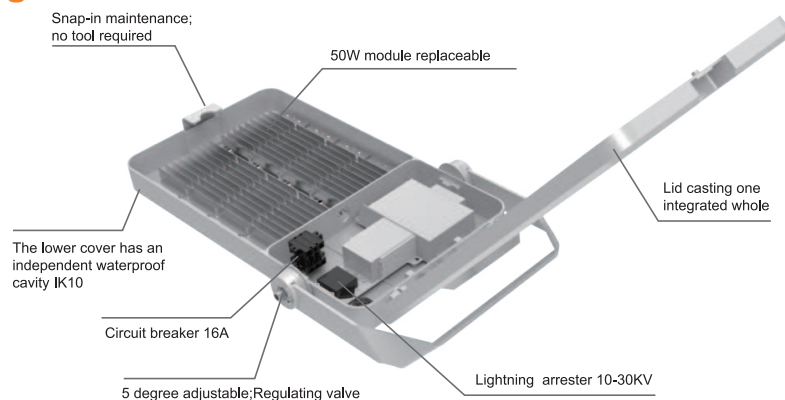
- LUMINOUS EFFICACY: Up to 190lm/W
- CCT & CRI: 2700K-6500K, Ra>70(Ra 80/90 customizable)
- IP & IK RATING: IP65/IK10
- LIGHT DISTRIBUTION: Type I , Type II , Type II -Vertical, Type III, Type IV , Type V , 30° , 60° , 90°
- INTELLIGENT CONTROL: DALI, 0-10V, PWM, DMX512, Timer Dimming, Zigbee, LoRa, NEMA/Zhaga Solutions
- LEDs: 5050
- WARRANTY: 5-year standard, 10-year optional

Light Distribution Curve

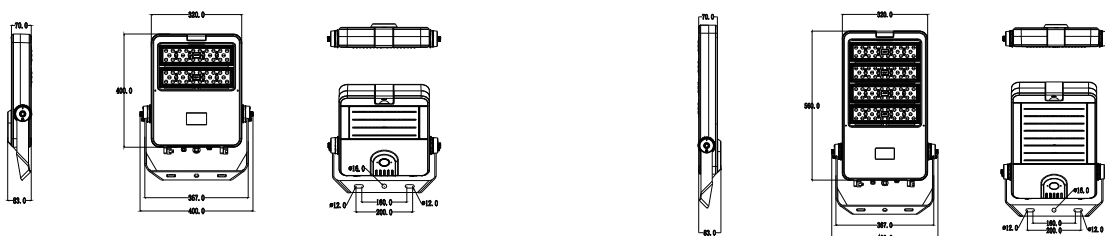


Internal Design Features

LED Flood Light Series
V29



Dimension(mm)



Parameters

Electric Data				
Model	TL-V29-50W	TL-V29-100W	TL-V29-150W	TL-V29-200W
Power	50W	100W	150W	200W
Power Factor	>0,95			
Input Voltage	AC 100-277V,50/60Hz			
Max THD %	<10°			
Photometric Specifications				
LEDs	5050 LED			
CRI	>70(Ra 80/90 customizable)			
Luminous Efficacy	160 lm/W			
Lumens Delivered	8,000lm	16,000lm	24,000lm	32,000lm
CCT	3000K/4000K/5000K/6000K			
Beam Angle	Type I , Type II , Type II -Vertical, Type III , Type IV , Type V , 30°, 60°, 90°			
Mechanical Specifications				
Inclination Angle	-90°~ 180°			
Lens Type	PC			
Certification	CE,RoHS			
Lifespan	>50,000 Hours			
Housing	Cold forged aluminum heatsink			
N.W.(KG)	5.5	5.8	7.0	7.5
Dimension(mm)	400×400×83	400×400×83	560×400×83	560×400×83
Environment	Wet location listed, IP65, IK10			
Operating Temperature	-30 C ~ 45 C			
Humidity	10%-90% RH , non-condensing			
Warranty	5-year standard warranty			



Stadium Light



LED Stadium Light Series



V6B

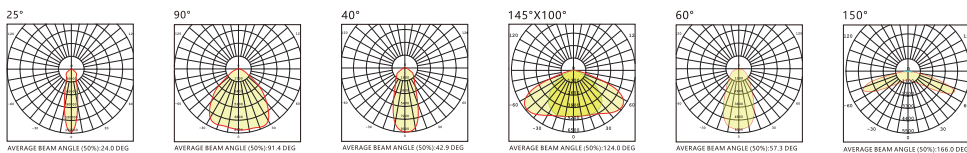


50-500W V6B LED Stadium Light: Modular Design, 100° Adjustable Bracket - Build for Flexibility



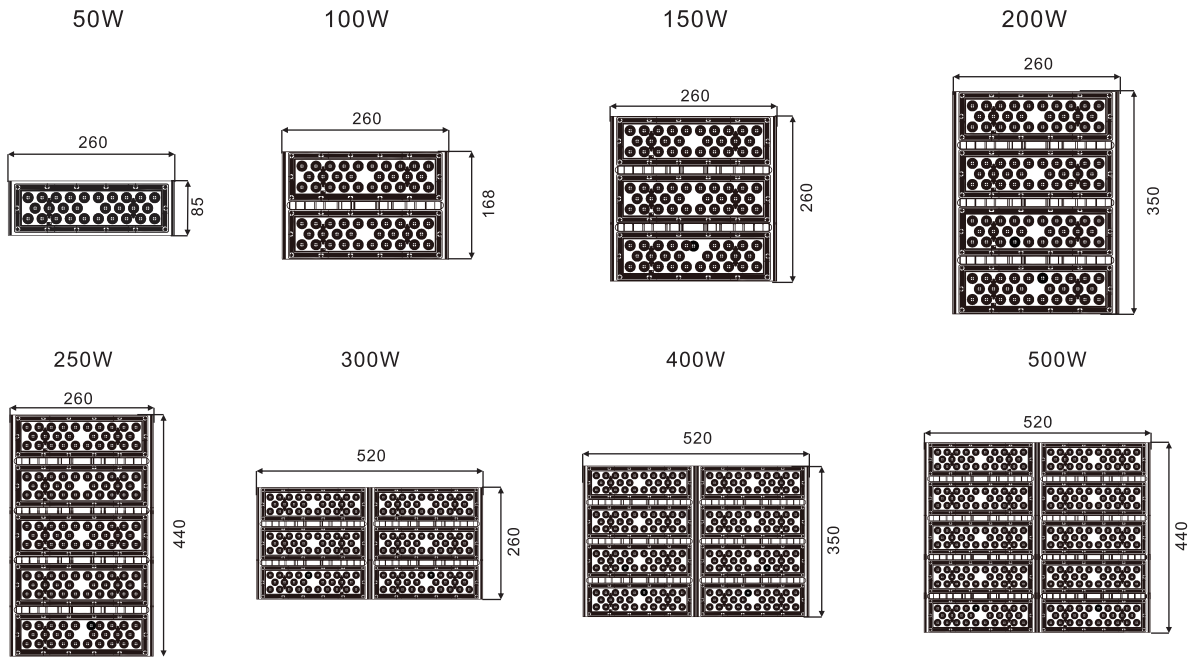
- LUMINOUS EFFICACY: Up to 160lm/W
- CCT & CRI: 2700K-6500K, Ra>70(Ra 80/90 customizable)
- IP & IK RATING: IP66/IK10
- LIGHT DISTRIBUTION: 25°, 40°, 60°, 90°, 145°X100°, 150°
- INTELLIGENT CONTROL: DALI, 0-10V, PWM, DMX512, Timer Dimming, Zigbee, LoRa, NEMA/Zhaga Solutions
- LEDs: 5050
- WARRANTY: 5-year standard, 10-year optional

Light Distribution Curve



Dimension(mm)

LED Stadium Light Series
V6B



Stadium Light

Parameters

Electric Data								
Model	TL-V6B-50W	TL-V6B-100W	TL-V6B-150W	TL-V6B-200W	TL-V6B-250W	TL-V6B-300W	TL-V6B-400W	TL-V6B-500W
Power	50W	100W	150W	200W	250W	300W	400W	500W
Power Efficiency	88%-90%							
Power Factor	>0.95							
Power Supply	MOSO/SOSEN/INVENTRONICS(or customer specified)							
Working Voltage	90-305V/249-528V AC,50/60Hz							
Photometric Specifications								
LEDs	5050 LED							
CRI	>70(>80,>90 optional)							
Luminous Efficacy	155-160 lm/W							
LEDs Qty	28pcs	56pcs	84pcs	112pcs	140pcs	168pcs	224pcs	280pcs
Luminous Flux(±5%)	7800lm	15600lm	23400lm	31200lm	39000lm	46800lm	62400lm	78000lm
CCT	3000K/4000K/5000K/6000K							
Beam Angle	25°,40°,60°,90°,145×100°,150°							
Mechanical Specifications								
IP/IK Rate	IP66/IK10							
Lifespan	>50,000 Hours							
Inclination Angle	100°							
Housing Material	Aluminum 6063-T5							
Lens Material	PC							
N.W.(KG)	2.2	3.6	4.0	5.0	6.0	9.0	11	13
Lamp Size(mm)	260×85×174	260×168×174	260×260×174	260×350×174	440×260×174	520×260×174	520×360×174	520×440×174
Package Dimension(mm)	310×285×150	330×310×150	310×310×150	400×310×175	490×310×170	570×310×210	570×400×210	570×490×210
Working Temperature	-40℃~50℃，20%~90% RH							
Storage Temperature	-45℃~55℃，10%~90% RH							



V18

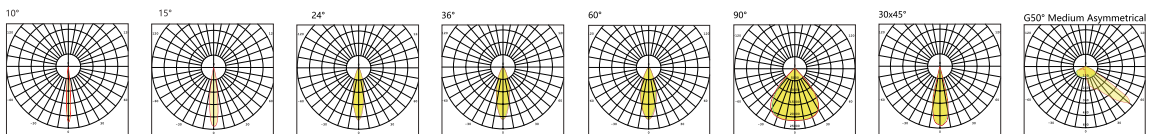


300-1800W V18 LED Stadium Light: High Uniformity, Multiple Beam Angles - Designed for Stadium Excellence



- LUMINOUS EFFICACY: Up to 160lm/W
- CCT & CRI: 2700K-6500K, Ra>70(Ra 80/90 customizable)
- IP & IK RATING: IP66/IK10
- LIGHT DISTRIBUTION: 10°, 15°, 24°, 36°, 60°, 90°, 30x45°, G50°
- INTELLIGENT CONTROL: DALI, 0-10V, PWM, DMX512, Timer Dimming, Zigbee, LoRa, NEMA/Zhaga Solutions
- LEDs: 3737/5050
- WARRANTY: 5-year standard, 10-year optional

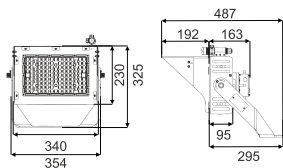
Light Distribution Curve



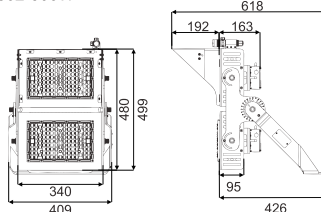
Dimension(mm)

LED Stadium Light Series
V18

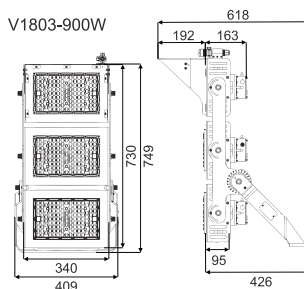
V1801-300W



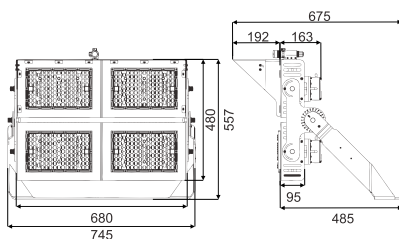
V1802-500W



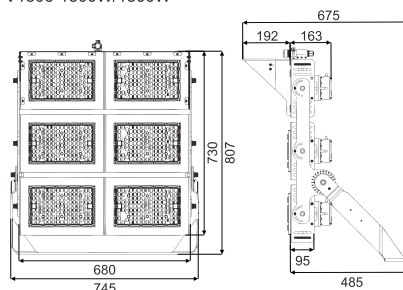
V1803-900W



V1804-1200W



V1806-1500W/1800W



Parameters

Electric Data						
Model	TL-V18-300W	TL-V18-500W	TL-V18-900W	TL-V18-1200W	TL-V18-1500w	TL-V18-1800W
Power	300W	500W	900W	1200W	1500W	1800W
Power Efficiency	90%					
Power Factor	>0.95					
Power Supply	MOSO/SOSEN/INVENTRONICS(or customer specified)					
Working Voltage	90-305V AC, 50/60Hz					
Photometric Specifications						
Beam Angle	10°,15°,24°,36°,60°,90°,30×45°					
CCT	3000K/4000K/5000K/6000K					
CRI	>70(Ra 80/90 customizable)					
3737 LEDs	Osram 3737 LED(10°/15°/G50°)					
LEDs Qty(10°/15°) 115lm/W	39pcs	78pcs	117pcs	156pcs	234pcs	234pcs
Luminous Flux(±5%)	34500lm	57500lm	103500lm	138000lm	172500lm	207000lm
LEDs Qty(G50°) 130lm/W	64pcs	128pcs	192pcs	256pcs	320pcs	320pcs
Luminous Flux(±5%)	39000lm	65000lm	117000lm	156000lm	195000lm	234000lm
5050 LEDs	5050 LED(24°/36°/60°/90°/30×45°)					
LEDs Qty	124pcs	248pcs	372pcs	496pcs	744pcs	744pcs
Luminous Flux(±5%) 140lm/W	42000lm	70000lm	126000lm	168000lm	210000lm	252000lm
Luminous Flux(±5%) 160lm/W	48000lm	80000lm	144000lm	192000lm	240000lm	288000lm
Mechanical Specifications						
IP/IK Rate	IP66/IK10					
Lifespan	>50,000 Hours					
Inclination Angle	-90°~180°					
Housing Material	Aluminum 6063-T5					
Lens Material	PC					
N.W.(KG)	5.6	13.5	19.5	25	35	35
Light Size(mm)	354×325×163	409×500×163	409×748×163	745×557×163	745×807×163	745×807×163
Packing Dimension(mm)	490×470×235	700×475×245	950×495×245	875×715×245	965×875×245	965×875×245
Working Temperature	-40℃ ~ 50℃, 20%~ 90% RH					
Storage Temperature	-45℃ ~ 55℃, 10%~ 90% RH					



V20

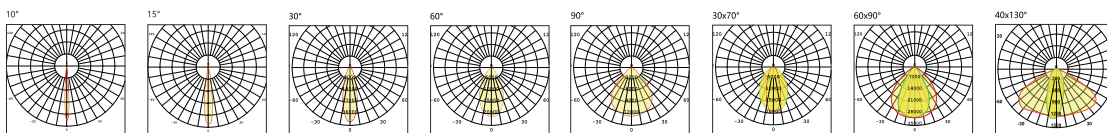


100-500W V20 LED Stadium Light: Pure Aluminum Design, High Durability – Performance You Can Trust



- LUMINOUS EFFICACY: Up to 150lm/W
- CCT & CRI: 2700K-6500K, Ra>70(Ra 80/90 customizable)
- IP & IK RATING: IP66/IK10
- LIGHT DISTRIBUTION: 10°, 15°, 30°, 60°, 90°, 30×70°, 6×90°, 40×130°
- INTELLIGENT CONTROL: DALI, 0-10V, PWM, DMX512, Timer Dimming, Zigbee, LoRa, NEMA/Zhaga Solutions
- LEDs: 3030/3535/5050
- WARRANTY: 5-year standard, 10-year optional

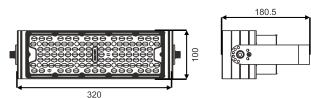
Light Distribution Curve



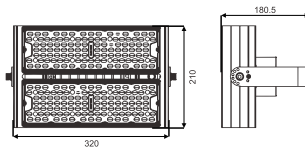
Dimension(mm)

LED Stadium Light Series
V20

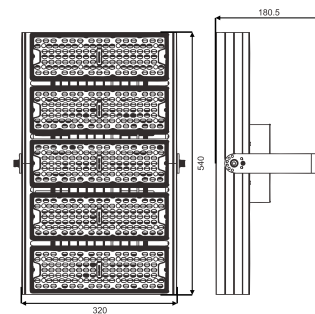
V20-100W



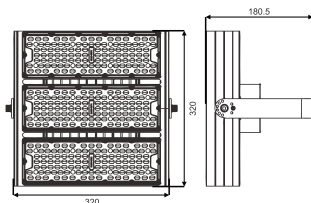
V20-200W



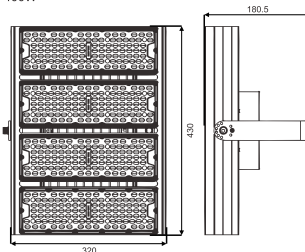
V20-500W



V20-300W



V20-400W



Parameters

Electric Data					
Model	TL-V20-100W	TL-V20-200W	TL-V20-300W	TL-V20-400W	TL-V20-500W
Power	100W	200W	300W	400W	500W
Power Efficiency	88%-92%				
Power Factor	>0.95				
Power Supply	MOSO/SOSEN/INVENTRONICS(or customer specified)				
Working Voltage	90-305V AC,50/60Hz				
Photometric Specifications					
LEDs	3535(10°)/5050(15°)/3030(30°...40×130°)				
CRI	>70(>80,>90 optional)				
Luminous Efficacy	145±5 lm/W				
3535 LEDs Qty	32pcs	64pcs	96pcs	128pcs	160pcs
5050 LEDs Qty	46pcs	92pcs	138pcs	184pcs	230pcs
3030 LEDs Qty	112pcs	224pcs	336pcs	448pcs	560pcs
Luminous Flux(±5%)	14,500lm	29,000lm	43,500lm	58,000lm	72,500lm
CCT	3000K/4000K/5000K/6000K				
Beam Angle	10°,15°,30°,60°,90°,30×70°,60×90°,40×130°				
Mechanical Specifications					
IP/IK Rate	IP66/IK10				
Lifespan	>50,000 Hours				
Inclination Angle	-90°~180°				
Housing Material	Aluminum 6063-T5				
Lens Material	PC				
N.W.(KG)	2.5	4.5	6.7	8.0	10.2
Lamp Size(mm)	320×100×180.5	320×210×180.5	320×320×180.5	320×430×180.5	320×540×180.5
Working Temperature	-40℃~50℃, 20%~90% RH				
Storage Temperature	-45℃~55℃, 10%~90% RH				



V28

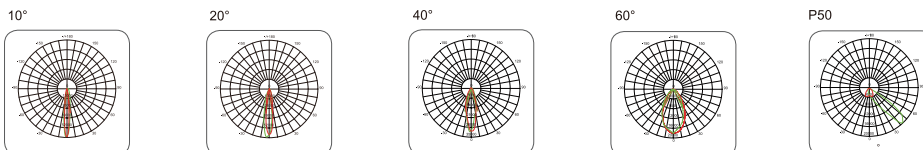


300-1800W V28 LED Stadium Light: Versatile Mounting, Multi-Scene Use - Lighting for Professional Sports



- LUMINOUS EFFICACY: Up to 150lm/W, 170lm/W and 200lm/W optional
- CCT & CRI: 2700K-6500K, Ra>70(Ra 80/90 customizable)
- IP & IK RATING: IP66/IK10
- LIGHT DISTRIBUTION: 10°, 20°, 40°, 60°, P50
- INTELLIGENT CONTROL: DALI, 0-10V, PWM, DMX512, Timer Dimming, Zigbee, LoRa, NEMA/Zhaga Solutions
- LEDs: 3737/5050
- WARRANTY: 5-year standard, 10-year optional

Light Distribution Curve

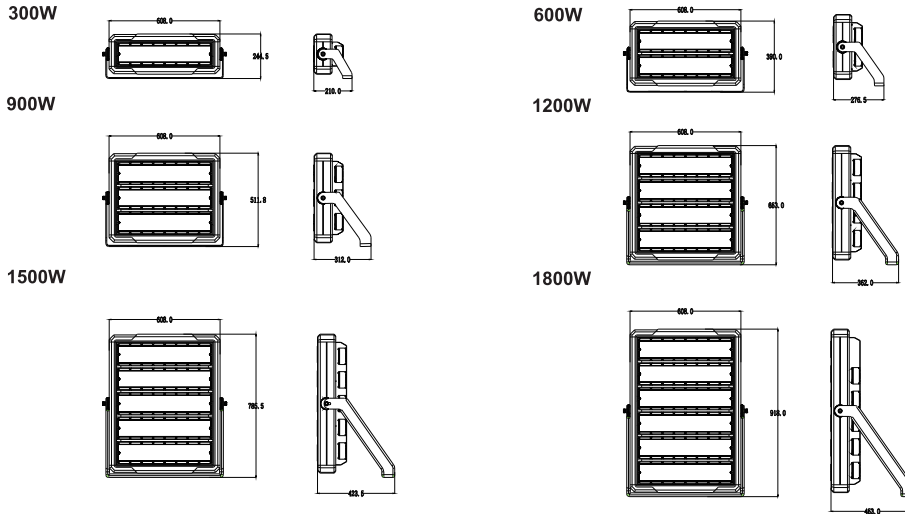


Mounting Options

LED Stadium Light Series
V28



Dimension(mm)



Parameters

Electric Data						
Model	TL-V28-300W	TL-V28-600W	TL-V28-900W	TL-V28-1200W	TL-V28-1500W	TL-V28-1800W
Power	300W	600W	900W	1200W	1500W	1800W
Power Factor	>0.95					
Input Voltage	AC 100-277V,50/60Hz					
Max THD %	<10°					
Photometric Specifications						
LEDs	3737(10°)/5050(20°40°60°P50°)					
CRI	>70(Ra 80/90 customizable)					
Luminous Efficacy 150lm/W	150lm/W EMC3030 384PCS					
Luminous Flux	45,000lm	90,000lm	135,000lm	180,000lm	225,000lm	270,000lm
Luminous Efficacy 170lm/W	170lm/W EMC5050 124PCS					
Luminous Flux	51,000lm	102,000lm	153,000lm	204,000lm	255,000lm	306,000lm
Luminous Efficacy 200lm/W	200lm/W EMC5050 184PCS					
Luminous Flux	60,000lm	120,000lm	180,000lm	240,000lm	300,000lm	360,000lm
CCT	3000K/4000K/5000K/6000K					
Beam Angle	10°,20°,40°,60°,P50°					
Mechanical Specifications						
Inclination Angle	-90°~ 180°					
Lens Type	PC					
Certification	CE,RoHS					
Lifespan	>50,000 Hours					
Housing	AL6063-T5 aluminum					
N.W.(KG)	5.5	9.5	13.5	18.5	23.5	28.5
Dimension(mm)	608×244.5×210	608×390×276.5	608×512×312	608×653×362	608×785.5×423	608×918×453
Environment	Wet location listed,IP66,IK10					
Operating Temperature	-30℃ - +45℃					
Humidity	10%-90% RH, non-condensing					
Warranty	5-year standard warranty					

HighBay Light



A photograph of a warehouse interior featuring high bay shelving units. The shelves are stocked with various items, including cardboard boxes, large orange and white plastic bins, and smaller blue and red bins. Long, bright LED light fixtures are mounted on the shelving units, illuminating the space. A blue semi-transparent banner is overlaid on the right side of the image, containing the text "LED High Bay Light Series".

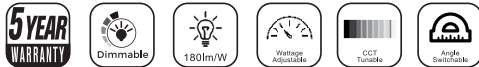
LED High Bay Light Series



S2

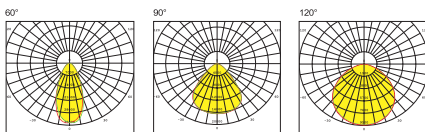


100-240W S2 UFO Highbay Light: Super Energy Saving, Smart Dimming - Efficiency Meets Flexibility



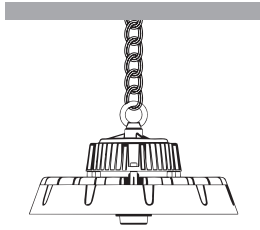
- LUMINOUS EFFICACY: Up to 180lm/W
- CCT & CRI: 2700K-6500K, Ra>70(Ra 80/90 customizable)
- IP & IK RATING: IP65
- LIGHT DISTRIBUTION: 60°, 90°, 120°
- DIMMABLE: 0-10V, PWM, Microwave Motion Sensor
- LEDs: Lumileds 2835
- WARRANTY: 5-year standard, 10-year optional

Light Distribution Curve

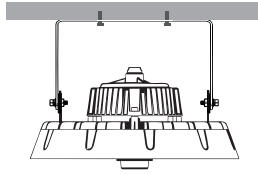


Installation

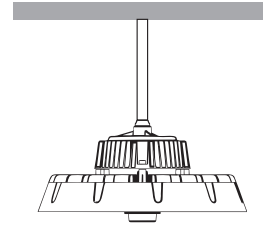
LED High Bay Light Series
S2



Hook



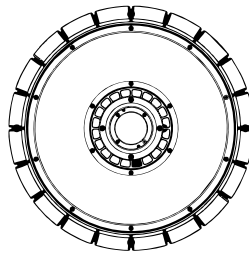
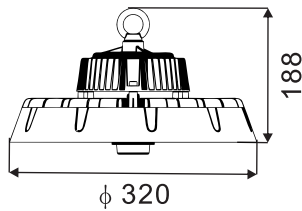
Wall



Piping

Dimension(mm)

100W/120W/150W/200W/240W



Parameters

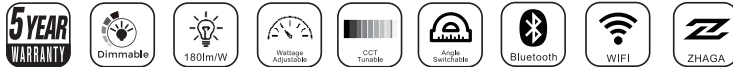
Electric Data					
Model	TL-S2-100W	TL-S2-120W	TL-S2-150W	TL-S2-200W	TL-S2-240W
Power	100W	120W	150W	200W	240W
Power Efficiency	91%				
Input Voltage	AC 100-277V,50/60Hz				
Photometric Specifications					
LEDs	Lumileds 2835				
CRI	>70(Ra 80/90 customizable)				
Luminous Efficacy	165±5 lm/W				
Luminous Flux(±5%)	16500lm	19800lm	24750lm	33000lm	39600lm
LED Qty	280pcs	280pcs	336pcs	448pcs	532pcs
CCT	3000K/4000K/5000K/6000K				
Beam Angle	60°,90°,120°				
Mechanical Specifications					
IP Rate	IP65				
Body Material	Aluminum				
Lens Material	PC				
Dimmable	0-10V/PWM/Microwave Motion Sensor				
Lifespan	>50,000 Hours				
Lamp Size(mm)	Φ320×H188				
N.W.(KG)	2.8	2.8	2.9	3.1	3.2
G.W.(KG)	3.6	3.6	3.7	3.9	3.9
Packing Information	360×360×170mm				
Working Temperature	-40℃ ~ 50℃,20%~ 90% RH				
Storage Temperature	-45℃ ~ 55℃,10%~ 90% RH				



S3

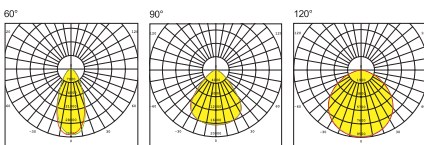


100-240W S3 UFO Highbay Light: Upgraded Efficiency, Intelligent Control - Next-Level Energy Saving



- LUMINOUS EFFICACY: Up to 165lm/W, 180lm/W and 200lm/W optional
- CCT & CRI: 2700K-6500K, Ra>70(Ra 80/90 customizable)
- IP & IK RATING: IP65
- LIGHT DISTRIBUTION: 60°, 90°, 120°
- DIMMABLE: 0-10V, PWM, Microwave Motion Sensor
- LEDs: Lumileds 2835
- WARRANTY: 5-year standard, 10-year optional

Light Distribution Curve



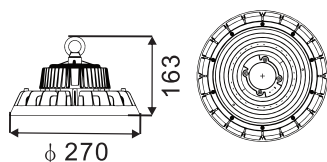
External Design Features

LED High Bay Light Series
S3

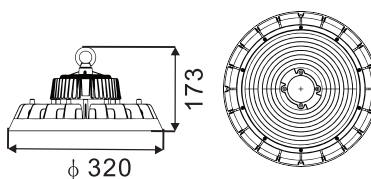


Dimension(mm)

100W/120W/150W



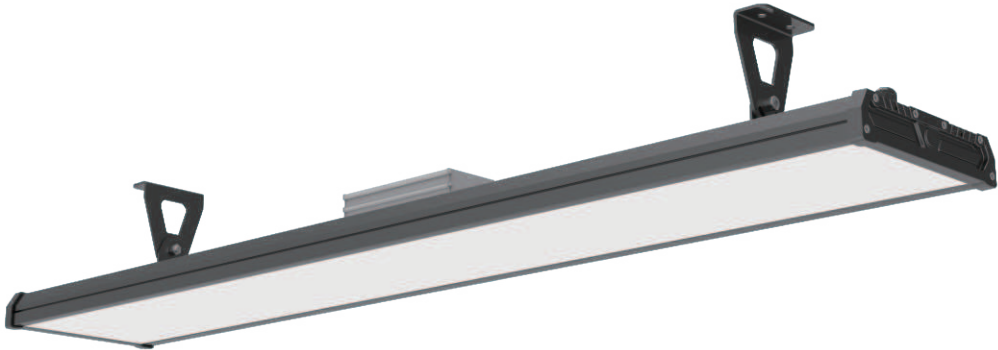
200W/240W



Parameters

Electric Data					
Model	TL-S3-100w	TL-S3-120W	TL-S3-150W	TL-S3-200W	TL-S3-240W
Power	100W	120W	150W	200W	240W
Power Efficiency	93%-95%				
Input Voltage	AC 100-277V,50/60Hz(Emergency available)				
Photometric Specifications					
LEDs	Lumileds 2835				
CRI	>70(Ra 80/90 customizable)				
Luminous Efficacy (±5 lm/W)	165lm/W				
Luminous Flux(±5%)	16500lm	19800lm	24750lm	33000lm	39600lm
LEDs	Lumileds 2835 (High Lumen)				
CRI	>70				
Luminous Efficacy (±5 lm/W)	180lm/W	180lm/W	180lm/W	180lm/W	/
Luminous Flux(±5%)	18000lm	21600lm	27000lm	36000lm	/
LED Qty	280/448pcs	280/448pcs	336/532pcs	448/756pcs	532pcs
CCT	3000K/4000K/5000K/5700K/6500K				
Beam Angle	60°/90°/120°				
Mechanical Specifications					
IP Rate	IP65				
Body Material	Aluminum				
Lens Material	PC				
Dimmable	0-10V/PWM/Microwave Motion Sensor				
Lifespan	>50,000 Hours				
N.W.(KG)	2.8	2.8	2.9	3.1	3.2
G.W(KG)	3.6	3.6	3.7	3.9	3.9
Lamp Size(mm)	Φ270×163	Φ270×163	Φ270×163	Φ320×173	Φ32×173
Working Temperature	-40℃ ~ 50℃,20%~ 90% RH				
Storage Temperature	-45℃ ~ 55℃,10%~ 90% RH				

HighBay Light



T20

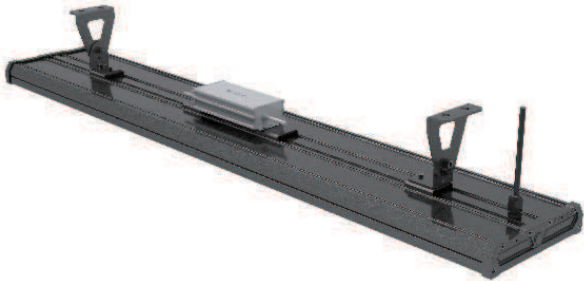
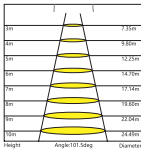
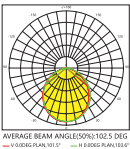


50-200W T20 LED Linear Highbay Light: Low UGR, Smart Dimming - Fit for Multiple Scenarios



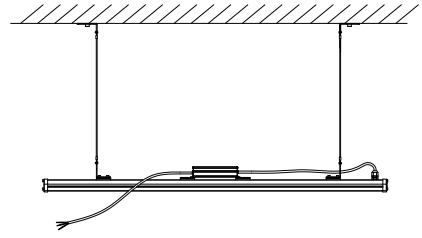
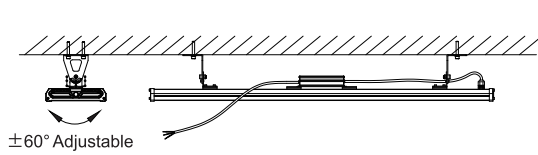
- LUMINOUS EFFICACY: Up to 130lm/W
- CCT & CRI: 2700K-6500K, Ra>70(Ra 80/90 customizable)
- IP & IK RATING: IP65
- LIGHT DISTRIBUTION: 120°
- DIMMABLE: 0-10V, PWM, Sensor
- LEDs: Lumileds 2835
- WARRANTY: 5-year standard, 10-year optional

Light Distribution Curve



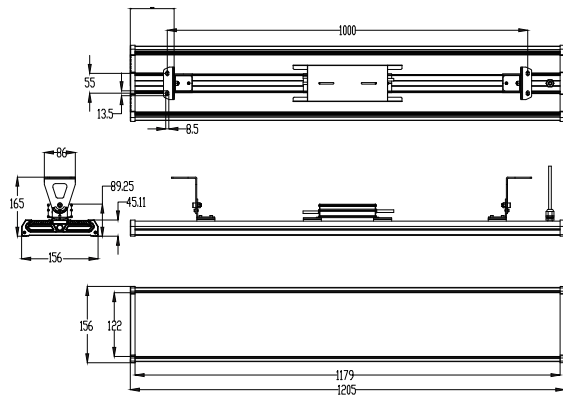
Installation

LED High Bay Light Series
T20

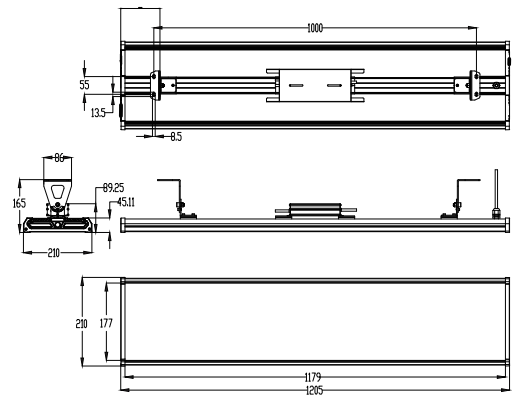


Dimension(mm)

50-120W



150-200W



Parameters

Electric Data										
Model	TL-T20-50W	TL-T20-60W	TL-T20-70W	TL-T20-90W	TL-T20-100W	TL-T20-110W	TL-T20-120W	TL-T20-150W	TL-T20-180W	TL-T20-200W
Power	50W	60W	70W	90W	100W	110W	120W	150W	180W	200W
Power Efficiency	88%-92%									
Input Voltage	AC 100-277V,50/60Hz(Battery backup optional)									
Photometric Specifications										
LEDs	Lumileds 2835									
CRI	>70(Ra 80/90 customizable)									
Luminous Efficacy (±5 lm/W)	130lm/W									
LED Qty	288pcs	288pcs	288pcs	288pcs	288pcs	288pcs	288pcs	576pcs	576pcs	576pcs
Luminous Flux(±5%)	6500lm	7800lm	9100lm	11700lm	13000lm	14300lm	15600lm	19500lm	23400lm	26000lm
CCT	3000K/4000K/5000K/5700K/6500K									
Beam Angle	120°									
Mechanical Specifications										
IP Rate	IP65									
Body Material	AL6063-T5+Q235									
Lamp Cover Material	Tempered Glass Cover									
Dimmable	0-10V/PWM/Sensor									
Lifespan	>50,000 Hours									
N.W.(KG/PCS)	4.5	4.5	4.5	4.5	4.5	4.5	4.5	6	6	6
G.W(KG/PCS)	5	5	5	5	5	5	5	6.5	6.5	6.5
Lamp Size(mm)	L1205×W156×H165							L1205×W210×H165		
Packing Information	L1250×W196×H386mm/2PCS							L1250×W250×H386mm/2PCS		

Module(5050)



LED Module (5050) Series



REPLACEABLE UNIT



L68 Street Light



L18 Street Light



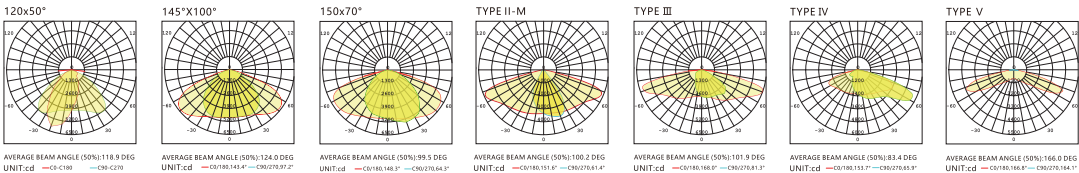
M05



50-100W M05 5050 LED Module (120mm)

- LUMINOUS EFFICACY: Up to 195lm/W
- IP & IK RATING: IP66/IK10
- LIGHT DISTRIBUTION: 120×50°, 145×100°, 150×70°, Type II -M, Type III, Type IV, Type V
- CONNECTOR SIZE: M15
- HEAT SINK: Anodizing aluminum alloy, silver color

Light Distribution Curve



Parameters

Model	TL-M05				
Power	50W	60W	70W	80W	100W
Input Voltage	42-48V				
Input Current	1.16A	1.36A	1.56A	1.74A	2.2A
LEDs	5050 LED				
CRI	>70(Ra 80/90 customizable)				
CCT	3000K/4000K/5000K/6000K				
LED Qty	42pcs				
Luminous Efficacy (150×70°,145×100°)	190lm/W	180lm/W	170lm/W	160lm/W	150lm/W
Luminous Flux(±5%)	9500lm	10800lm	11900lm	12800lm	15000lm
Luminous Efficacy (Type II -M, III, IV, V)	180lm/W	170lm/W	160lm/W	150lm/W	140lm/W
Luminous Flux(±5%)	9000lm	10200lm	11200lm	12000lm	14000lm
IP Rate	IP66				
Body Material	Aluminum 6063-T5				
Lens Material	PC				
Connector Size	M15				
Module Size(mm)	300×120×58				
Working Temperature	-40℃ ~ 50℃,20%~ 90% RH				
Storage Temperature	-45℃ ~ 55℃,10%~ 90% RH				



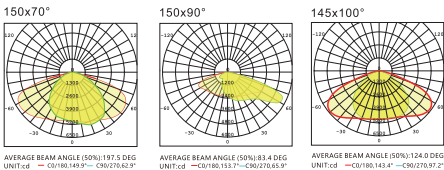
M06A



30-60W M06A 5050 LED Module (75mm)

- LUMINOUS EFFICACY: Up to 200lm/W
- P & IK RATING: IP66/IK10
- LIGHT DISTRIBUTION: 150×70°, 150×90°, 145×100°
- CONNECTOR SIZE: M15
- HEAT SINK: Anodizing aluminum alloy, silver color

Light Distribution Curve



Parameters

Model	TL-M06A			
Power	30W	40W	50W	60W
Input Voltage	42-48V			
Input Current	0.72A	0.93A	1.14A	1.33A
LEDs	5050 LED			
CRI	>70(Ra 80/90 customizable)			
CCT	3000K/4000K/5000K/6000K			
LED Qty	28pcs			
Luminous Efficacy	200lm/W	195lm/W	190lm/W	180lm/W
Luminous Flux(±5%)	6000lm	7800lm	9500lm	10800lm
IP Rate	IP66			
Beam Angle	150×70°, 150×90°, 145×100°			
Body Material	Aluminum AL6063-T5			
Lens Material	PC			
Connector Size	M15			
Module Size(mm)	300×75×50			
Working Temperature	-40 C ~ 50 C, 20%~ 90% RH			
Storage Temperature	-45 C ~ 55 C, 10%~ 90% RH			

Module(5050)



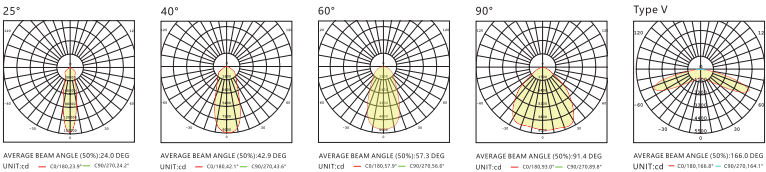
M06B



30-60W M06B 5050 LED Module (75mm)

- LUMINOUS EFFICACY: Up to 200lm/W
- IP & IK RATING: IP66/IK10
- LIGHT DISTRIBUTION: 25°, 40°, 60°, 90°, Type V
- CONNECTOR SIZE: M15
- HEAT SINK: Anodizing aluminum alloy, silver/black color

Light Distribution Curve



Parameters

Model	TL-M06B			
Power	30W	40W	50W	60W
Input Voltage	42-48V			
Input Current	0.72A	0.93A	1.14A	1.33A
LEDs	5050 LED			
CRI	>70(Ra 80/90 customizable)			
CCT	3000K/4000K/5000K/6000K			
LED Qty	28pcs			
Luminous Efficacy	200lm/W	195lm/W	190lm/W	180lm/W
Luminous Flux(±5%)	6000lm	7800lm	9500lm	10800lm
IP Rate	IP66			
Body Material	Aluminum AL6063-T5			
Lens Material	PC			
Connector Size	M15			
Module Size(mm)	300×76×54			
Working Temperature	-40 C ~ 50 C ,20%~ 90% RH			
Storage Temperature	-45 C ~ 55 C ,10%~ 90% RH			



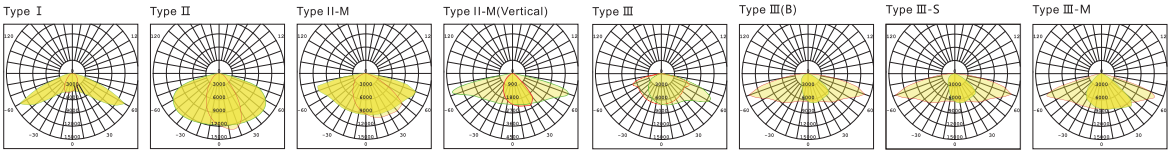
M08



30-60W M08 5050 LED Module (70mm)

- LUMINOUS EFFICACY: Up to 200lm/W
- IP & IK RATING: IP66/IK10
- LIGHT DISTRIBUTION: Type I , Type II , Type II -M, Type II -M(Vertical), Type III , Type III (B), Type III -S, Type III -M
- CONNECTOR SIZE: M15
- HEAT SINK: Anodizing aluminum alloy, silver color

Light Distribution Curve



Parameters

Model	TL-M08			
Power	30W	40W	50W	60W
Input Voltage	42-48V			
Input Current	0.7A	0.91A	1.11A	1.31A
LEDs	5050 LED			
CRI	>70(Ra 80/90 customizable)			
CCT	3000K/4000K/5000K/6000K			
LED Qty	28pcs			
Luminous Efficacy	200lm/W	195lm/W	190lm/W	180lm/W
Luminous Flux(±5%)	6000lm	7800lm	9500lm	10800lm
IP Rate	IP66			
Beam Angle	Type I , Type II , Type II -M, Type II -M(Vertical), Type III , Type III (B), Type III -S, Type III -M			
Body Material	Aluminum AL6063-T5			
Lens Material	PC			
Connector Size	M15			
Module Size(mm)	300×70×54			
Working Temperature	-40℃ ~ 50℃, 20%~ 90% RH			
Storage Temperature	-45℃ ~ 55℃, 10%~ 90% RH			



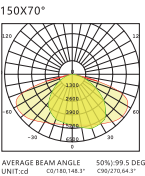
M10



30-60W M10 5050 LED Module Vertical (150mm)

- LUMINOUS EFFICACY: Up to 200lm/W
- IP & IK RATING: IP66/IK10
- LIGHT DISTRIBUTION: 150×70°
- CONNECTOR SIZE: M15
- HEAT SINK: Anodizing aluminum alloy, silver color

Light Distribution Curve



Parameters

Model	TL-M10			
Power	30W	40W	50W	60W
Input Voltage	42-48V			
Input Current	0.7A	0.91A	1.11A	1.3A
LEDs	5050 LED			
CRI	>70(Ra 80/90 customizable)			
CCT	3000K/4000K/5000K/6000K			
LED Qty	30pcs			
Luminous Efficacy	200lm/W	195lm/W	190lm/W	185lm/W
Luminous Flux(±5%)	6000lm	7800lm	9500lm	11100lm
IP Rate	IP66			
Body Material	Aluminum 6063-T5			
Lens Material	PC			
Connector Size	M15			
Module Size(mm)	172×150×42			
Working Temperature	-40℃ ~ 50℃, 20%~ 90% RH			
Storage Temperature	-45℃ ~ 55℃, 10%~ 90% RH			



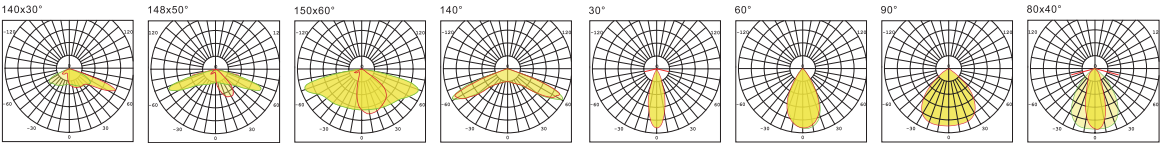
M17



12-50W M17 5050 LED Module (72mm)

- LUMINOUS EFFICACY: Up to 190lm/W
- IP & IK RATING: IP66/IK10
- LIGHT DISTRIBUTION: 140×30°, 148×50°, 150×60°, 140°, 30°, 60°, 90°, 80×40°
- CONNECTOR SIZE: M15
- HEAT SINK: Anodizing aluminum alloy, silver color

Light Distribution Curve



Parameters

Model	TL-M17				
Power	12W	20W	30W	40W	50W
Input Voltage	48V				
Input Current	0.25A	0.42A	0.63A	0.83A	1.04A
LEDs	5050 LED				
CRI	>70(Ra 80/90 customizable)				
CCT	3000K/4000K/5000K/6000K				
LED Qty	12pcs				
Luminous Efficacy	190lm/W	180lm/W	170lm/W	160lm/W	150lm/W
Luminous Flux(±5%)	2280lm	3600lm	5100lm	6400lm	7500lm
IP Rate	IP66				
Body Material	Aluminum 6063-T5				
Lens Material	PC				
Connector Size	M15				
Module Size(mm)	200×72×55				
Working Temperature	-40℃ ~ 50℃,20%~ 90% RH				
Storage Temperature	-45℃ ~ 55℃,10%~ 90% RH				

Module(5050)



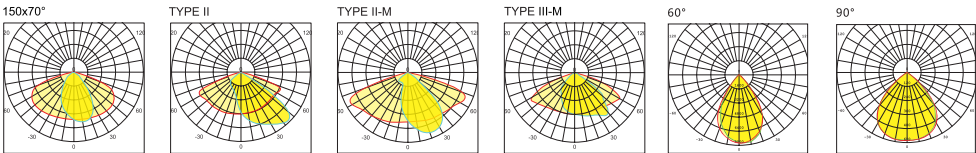
M18A



30-60W M18A 5050 LED Module (70mm)

- LUMINOUS EFFICACY: Up to 210lm/W
- IP & IK RATING: IP66/IK10
- LIGHT DISTRIBUTION: 60°, 90°, 150×70°, Type II , Type II -M, Type III -M
- CONNECTOR SIZE: M15
- HEAT SINK: Anodizing aluminum alloy, silver color

Light Distribution Curve



Parameters

Model	TL-M18A			
Power	30W	40W	50W	60W
Input Voltage	48V			
Input Current	0,63A	0,84A	1,05A	1,25A
LEDs	5050 LED			
CRI	>70(Ra 80/90 customizable)			
CCT	3000K/4000K/5000K/6000K			
LED Qty	32pcs			
Luminous Efficacy(±5%) 150×70°/ Type II -M/60°/90°	210lm/W	205lm/W	200lm/W	195lm/W
Luminous Efficacy(±5%) Type II , Type II -M	190lm/W	185lm/W	180lm/W	175lm/W
IP Rate	IP66			
Beam Angle	60°, 90°, 150×70°, Type II , Type II -M, Type III -M			
Body Material	Aluminum AL6063-T5			
Lens Material	PC			
Connector Size	M15			
Wire Length	200mm/300mm optional			
Module Size(mm)	300×70×37			
Working Temperature	-40 C ~ 50 C ,20%~ 90% RH			
Storage Temperature	-45 C ~ 55 C ,10%~ 90% RH			



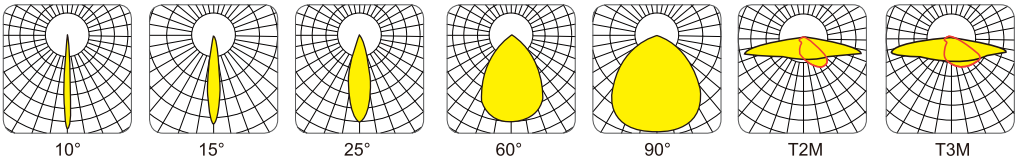
M27



20-50W M27 5050 LED Module (72mm)

- LUMINOUS EFFICACY: Up to 190lm/W
- IP & IK RATING: IP66/IK10
- LIGHT DISTRIBUTION: 10°, 15°, 25°, 60°, 90°, Type II -M, Type III -M
- CONNECTION: Series/parallel optional
- CONNECTOR SIZE: M15
- HEAT SINK: Anodizing aluminum alloy, silver color

Light Distribution Curve



Parameters

Model	TL-M27			
Power	20W	30W	40W	50W
Input Voltage	DC48V (DC72V,more voltage options available)			
Input Current	0.42A	0.63A	0.83A	1.04A
LEDs	EMC 5050 (3535 LED available)			
CRI	>70(Ra 80/90 customizable)			
Luminous Efficacy	190lm/W	180lm/W	170lm/W	160lm/W
CCT	3000K/4000K/5000K/6000K			
LED Qty	12pcs			
IP/IK	IP66/IK10			
Beam Angle	10°, 15°, 25°, 60°, 90°, Type II -M, Type III -M			
Body Material	Aluminum AL6063-T5			
Lens Material	PC			
Lifespan	>50,000 Hours			
Connector Size	M15			
Module Size(mm)	200×72×42.5			
Working Temperature	-40℃ ~ 50℃, 20%~ 90% RH			
Storage Temperature	-45℃ ~ 55℃, 10%~ 90% RH			

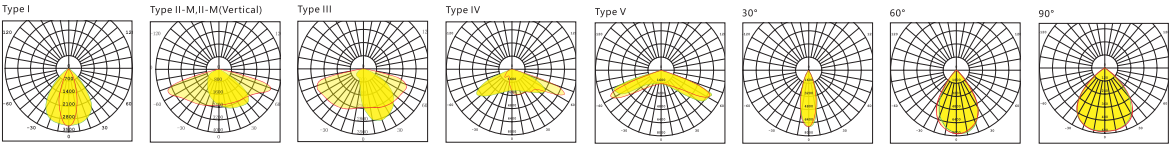


M30

30-60W M30 5050 LED Module (70mm)

- LUMINOUS EFFICACY: Up to 190lm/W
- IP & IK RATING: IP66/IK10
- LIGHT DISTRIBUTION: Type I , Type II -M, Type II -M(Vertical), Type III , Type IV , Type V , 30° , 60° , 90°
- CONNECTOR SIZE: M15
- HEAT SINK: Anodizing aluminum alloy, silver color

Light Distribution Curve



Parameters

Model	TL-M30			
Power	30W	40W	50W	60W
Input Voltage	48V			
Input Current	0.63A	0.84A	1.05A	1.25A
LEDs	5050 LED			
CRI	>70(Ra 80/90 customizable)			
CCT	3000K/4000K/5000K/6000K			
LED Qty	28pcs			
Luminous Efficacy	190lm/W	180lm/W	170lm/W	160lm/W
Luminous Flux(±5%)	5700lm	7200lm	8500lm	9600lm
IP Rate	IP66			
Body Material	Aluminum 6063-T5			
Lens Material	PC			
Connector Size	M15			
Module Size(mm)	300×70×52.7			
Working Temperature	-40℃ ~ 50℃ ,20%~ 90% RH			
Storage Temperature	-45℃ ~ 55℃ ,10%~ 90% RH			



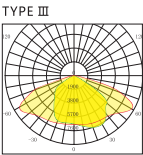
M37



100-150W M37 3030/5050 LED Module

- LUMINOUS EFFICACY: Up to 140lm/W(3030), 160lm/W(5050)
- IP & IK RATING: IP66/IK10
- LIGHT DISTRIBUTION: Type III
- Dimmable: 0-10V
- LED Driver: Integrated design, 5 years warranty
- CONNECTOR SIZE: M15
- HEAT SINK: Anodizing aluminum alloy, silver/black color

Light Distribution Curve



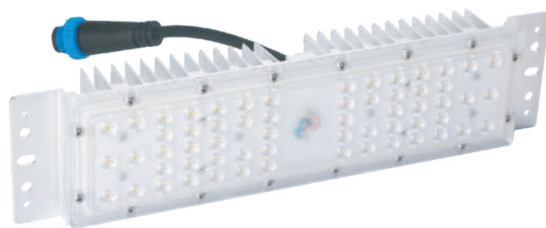
Parameters

Model	TL-M37		
Power	100W	120W	150W
Input Voltage	AC 120-277V,50/60Hz		
LEDs	3030/5050 LED		
CRI	>70(Ra 80/90 customizable)		
CCT	3000K/4000K/5000K/6000K		
Luminous Efficacy	130-140lm/W(3030), 150-160lm/W(5050)		
LED Qty(3030)	140pcs	200pcs	240pcs
Luminous Flux(±5%)	13500lm	16200lm	20250lm
LED Qty(5050)	60pcs	60pcs	75pcs
Luminous Flux(±5%)	15500lm	18600lm	22500lm
IP Rate	IP66/IK10		
Body Material	ADC12		
Lens Material	PC		
Cable Length(mm)	600 (M15 connector optional)		
Module Size(mm)	300×146×43(100W)	300×146×47(120W-150W)	
Working Temperature	-40℃ ~ 50℃, 20%~ 90% RH		
Storage Temperature	-45℃ ~ 55℃, 10%~ 90% RH		





LED Module (3030) Series



REPLACEABLE UNIT



L13B StreetLight



V5B Flood Light



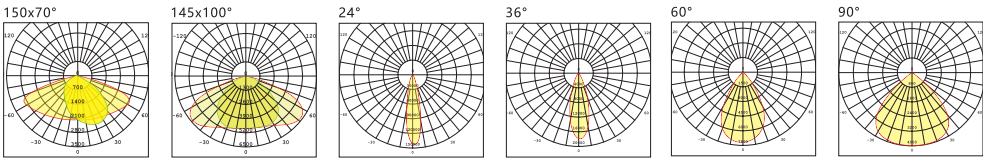
M13



30-60W M13 3030 LED Module (70mm)

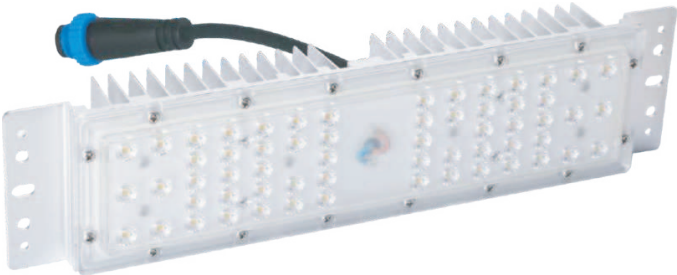
- LUMINOUS EFFICACY: Up to 170lm/W
- IP & IK RATING: IP66/IK10
- LIGHT DISTRIBUTION: 150×70°, 145×100°, 24°, 36°, 60°, 90°
- CONNECTOR SIZE: M15
- HEAT SINK: Ultra-thin fin heat sink, silver/black color

Light Distribution Curve



Parameters

Model	TL-M13					
Power	30W	40W	50W	50W	60W	60W
Input Voltage	36V	36V	42/48V	30/36V	42/48V	30/36V
Input Current	0.83A	1.11A	1.20A/1.04A	1.67A/1.39A	1.43A/1.25A	2A/1.67A
LEDs	3030 LED					
CRI	>70(Ra 80/90 customizable)					
CCT	3000K/4000K/5000K/6000K					
LED Qty	42pcs	42pcs	64pcs	60pcs	64pcs	60pcs
Luminous Efficacy	170lm/W	165lm/W	170lm/W	170lm/W	165lm/W	165lm/W
Luminous Flux(±5%)	4950lm	6400lm	7750lm	7750lm	9000lm	9000lm
IP Rate	IP66					
Body Material	Aluminum 6063-T5					
Lens Material	PC					
Connector Size	M15					
Module Size(mm)	300×70×47					
Working Temperature	-40℃ ~ 50℃, 20%~ 90% RH					
Storage Temperature	-45℃ ~ 55℃, 10%~ 90% RH					



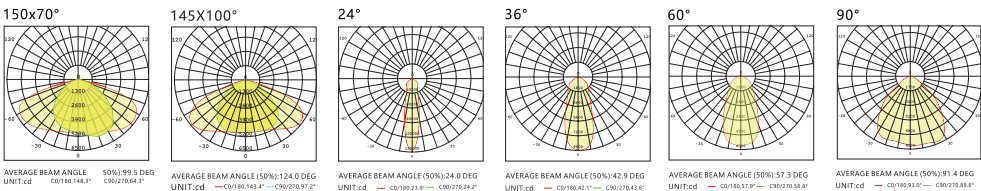
M14



30-60W M14 3030 LED Module (70mm)

- LUMINOUS EFFICACY: Up to 170lm/W
- IP & IK RATING: IP66/IK10
- LIGHT DISTRIBUTION: 150×70°, 145×100°, 24°, 36°, 60°, 90°
- CONNECTOR SIZE: M15
- HEAT SINK: Anodizing aluminum alloy, silver color

Light Distribution Curve



Parameters

Model	TL-M14					
Power	30W	40W	50W	50W	60W	60W
Input Voltage	36V	36V	42/48V	30/36V	42/48V	30/36V
Input Current	0.83A	1.11A	1.20A/1.04A	1.67A/1.39A	1.43A/1.25A	2A/1.67A
LEDs	3030 LED					
CRI	>70(Ra 80/90 customizable)					
CCT	3000K/4000K/5000K/6000K					
LED Qty	42pcs	42pcs	64pcs	60pcs	64pcs	60pcs
Luminous Efficacy	170lm/W	165lm/W	170lm/W	170lm/W	165lm/W	165lm/W
Luminous Flux(±5%)	4950lm	6400lm	7750lm	7750lm	9000lm	9000lm
IP Rate	IP66					
Body Material	Aluminum 6063-T5					
Lens Material	PC					
Connector Size	M15					
Module Size(mm)	300×70×47					
Working Temperature	-40℃ ~ 50℃, 20%~ 90% RH					
Storage Temperature	-45℃ ~ 55℃, 10%~ 90% RH					

Module(3030)



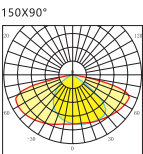
M18C



30-60W M18C 3030 LED Module (70mm)

- LUMINOUS EFFICACY: Up to 180lm/W
- IP & IK RATING: IP66/IK10
- LIGHT DISTRIBUTION: 150°×90°
- CONNECTOR SIZE: M15
- HEAT SINK: Anodizing aluminum alloy, silver color

Light Distribution Curve



Parameters

Model	TL-M18C			
Power	30W	40W	50W	60W
Input Voltage	48V			
Input Current	0.6A	0.8A	1A	1.2A
LEDs	3030 LED			
CRI	>70(Ra 80/90 customizable)			
CCT	3000K/4000K/5000K/6000K			
LED Qty	64pcs			
Luminous Efficacy	180lm/W	175lm/W	170lm/W	165lm/W
Luminous Flux(±5%)	5400lm	7000lm	8500lm	9900lm
IP Rate	IP66			
Body Material	Aluminum AL6063-T5			
Lens Material	PC			
Connector Size	M15			
Module Size(mm)	300×70×37			
Working Temperature	-40℃ ~ 50℃, 20%~ 90% RH			
Storage Temperature	-45℃ ~ 55℃, 10%~ 90% RH			



M32

10W Round M32 3030 LED Module

- LUMINOUS EFFICACY: Up to 120lm/W
- IP & IK RATING: IP66/IK10
- LIGHT DISTRIBUTION: 120°
- CONNECTOR SIZE: M15
- HEAT SINK: Anodizing aluminum alloy, silver color

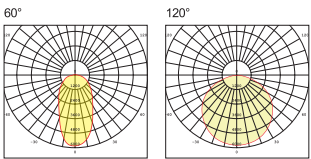
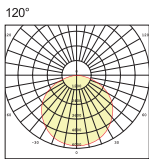


M33

25W Round M33 3030 LED Module

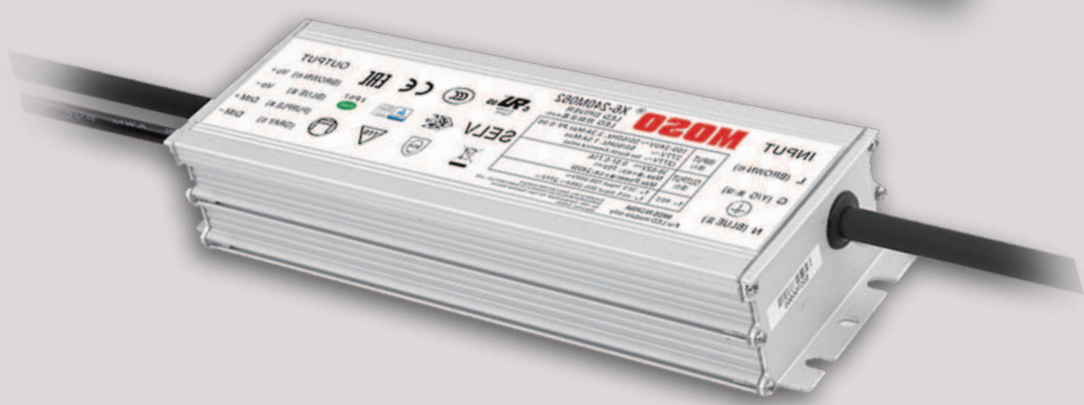
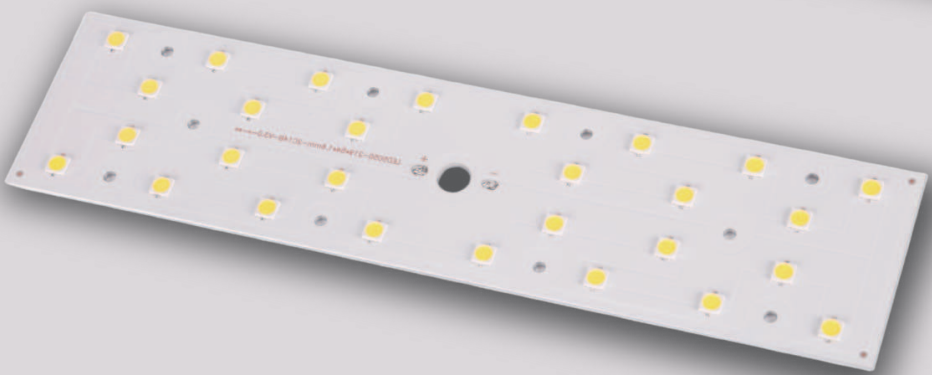
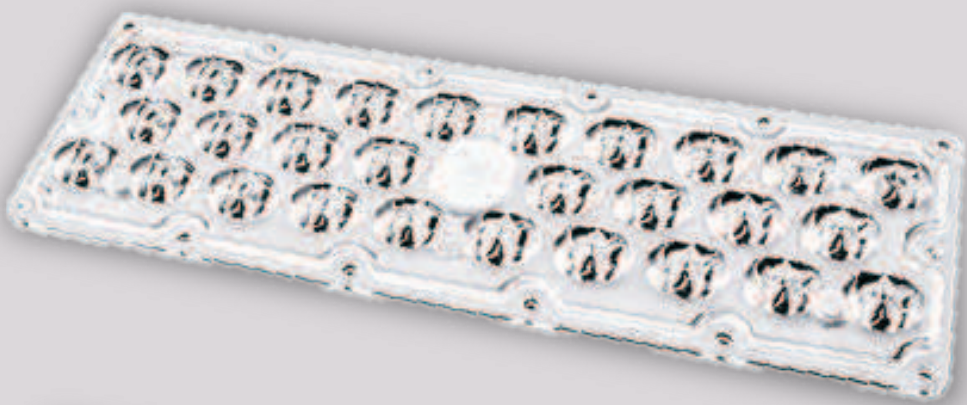
- LUMINOUS EFFICACY: Up to 120lm/W
- IP & IK RATING: IP66/IK10
- LIGHT DISTRIBUTION: 60°, 120°
- CONNECTOR SIZE: M15
- HEAT SINK: Anodizing aluminum alloy, silver color

Light Distribution Curve



Parameters

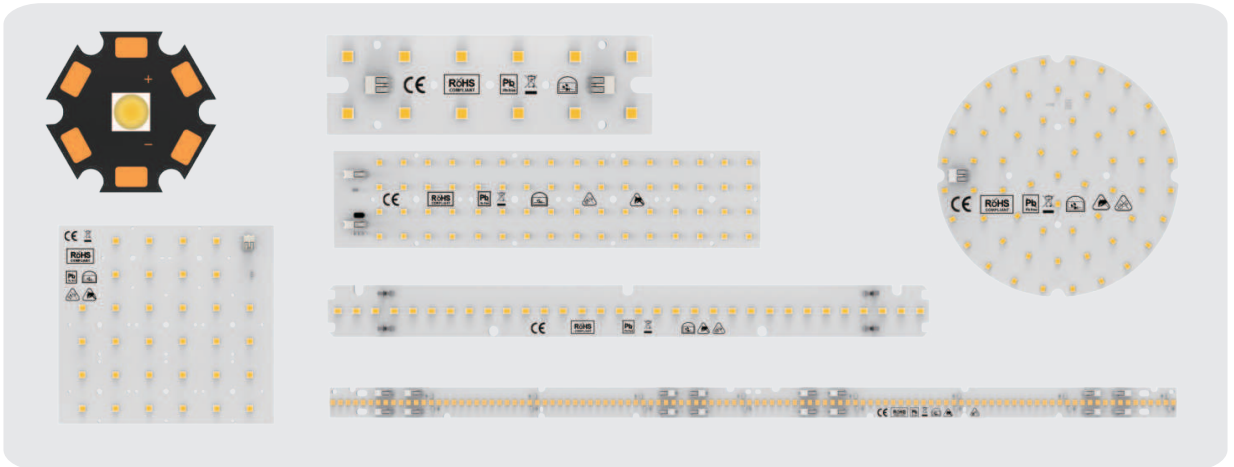
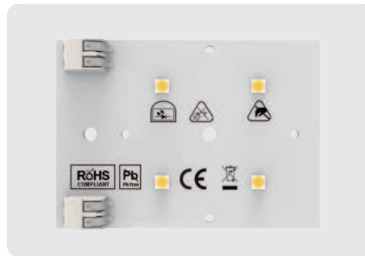
Model	TL-M32-10-15-3030	TL-M33-25-30-3030
Power	10W	25W
Input Voltage	30V	30V
Input Current	0.34A	0.83A
LEDs	3030 LED	3030 LED
CRI	>70(Ra 80/90 customizable)	>70(Ra 80/90 customizable)
CCT	3000K/4000K/5000K/6000K	3000K/4000K/5000K/6000K
LED Qty	15pcs	30pcs
Luminous Efficacy	120lm/W	120lm/W
Luminous Flux(±5%)	1200lm	3000lm
IP Rate	IP66	IP66
Body Material	Aluminum 6063-T5	Aluminum 6063-T5
Lens Material	PC	PC
Connector Size	M15	M15
Module Size(mm)	Φ75×H75	Φ100×H98.5
Working Temperature	-40℃ ~ 50℃, 20%~ 90% RH	-40℃ ~ 50℃, 20%~ 90% RH
Storage Temperature	-45℃ ~ 55℃, 10%~ 90% RH	-45℃ ~ 55℃, 10%~ 90% RH



SKD Solutions

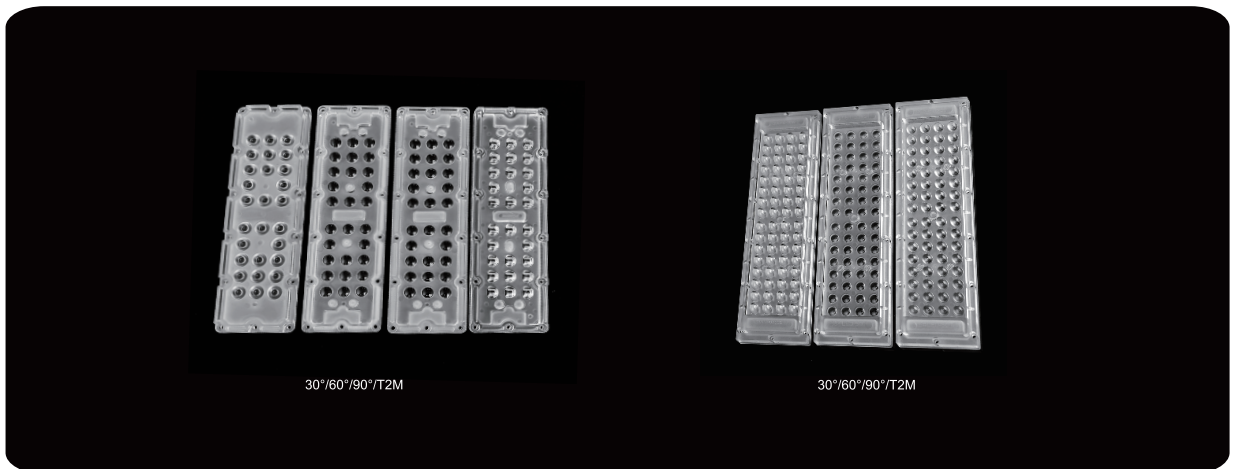
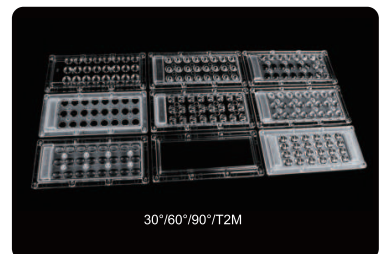
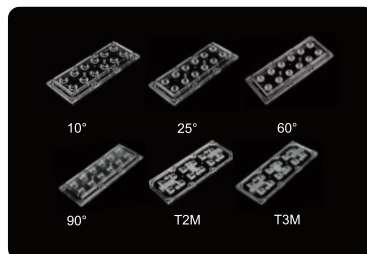
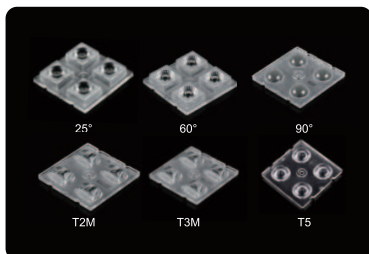


PCBA





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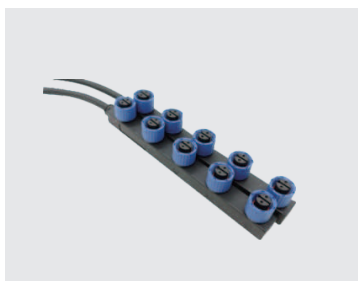
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