

TUBU

**Industrial and Agricultural
LED Lighting Expert**

2023-2024 CATALOGUE

TUBU

COMPANY PROFILE



10 years

Lighting Industry Experience

50 +

Self-owned Testing Equipments

50 +

Patent Self-design Series

SHENZHEN TUBU TECH CO., LTD, is a professional ISO 9001 & ISO 14001 certified LED Lighting manufacturer located in Shenzhen, China. TUBU is engaged in the research and development of different types of led lights since 2014. We focus on the LED lightings, like led tri-proof light, led grow light, led farm light, led high bay light, led low bay light, led floodlight, and led street light, etc.

We have obtained CE, RoHS, ENEC, CB, D-MARK, ETL, DLC, FCC, IK10, IP69K certification for our products. All TUBU products are under strict product testing and quality control processes. We value customers and the quality at the most important place, and all our products provide 5 years warranty.

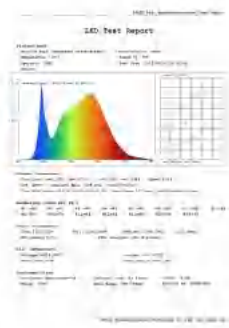
We have an experienced and professional sales team and engineers, we can respond to your questions and requirements very quickly, and offer some professional solutions according to your special application requirements. What's more, we can provide the Dialux simulation service for free. We accept OEM and ODM orders.

OUR TEAM



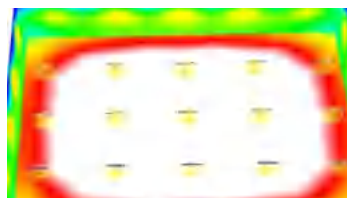
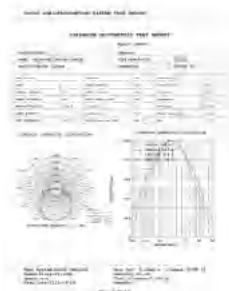
Integrating Sphere

The integrating sphere can be used to test the luminous flux, color temperature, luminous efficiency and other parameters of the light source.



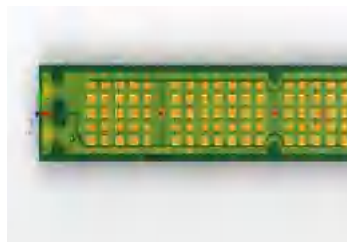
IES Photometric Test

The IES test refers to the light intensity distribution of the light source (or luminaire) in all directions of space. The curve formed by marking the luminous intensity values in each direction on the polar coordinate graph is the light distribution curve of the luminaire.



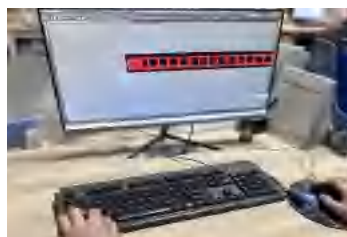
Light Distribution Design

Comfortable, professional and uniform light distribution helps customers gain more projects. TUBU provides customers with customized light distribution solutions.



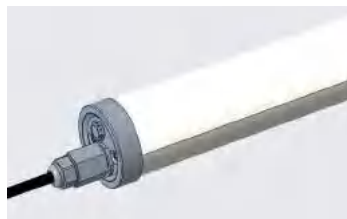
Electronic Design

Electronic components play a fundamental role in defining a luminaire's reliability and overall performance. TUBU has been using the most reliable drivers since entering the industry and with various intelligent controls, DALI/Motion sensors provides convenience for high efficiency and energy-saving and meets the requirements of sustainable development.



Product Design

The structure of the product will directly affect the performance. TUBU starts from the structure and fully considers the heat dissipation, IP, IK, installation, customization and other aspects of the product.



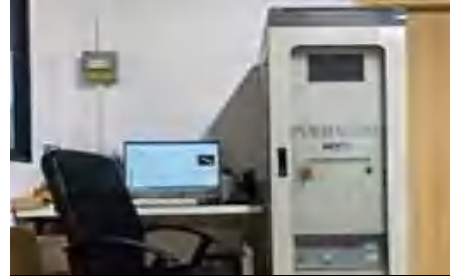
Appearance Design

Differentiation is the changing demand of the market. TUBU's aesthetic design in lighting gives the product not only an elegant appearance, but at the same time is suitable for a wide range of applications.

R&D TEST EQUIPMENTS



Photometric, Colorimetric
& Electric Test System



Goniophotometer



Constant Temperature and
Humidity Test Chamber



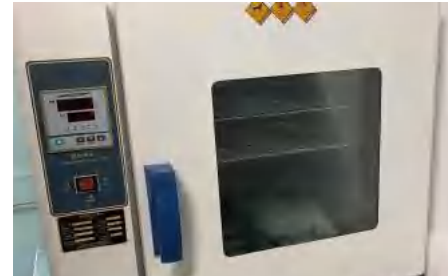
IP69K Water Spray Test Chamber



IP65 IP66 Water
Spray Test Chamber



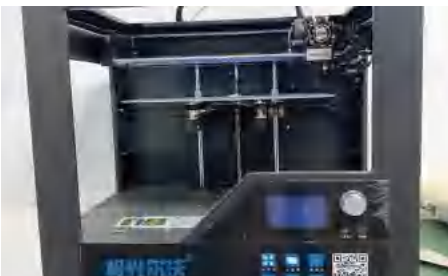
UV Accelerated
Weathering Test Chamber



Electrothermal Constant
Temperature Drying Oven



Salt Spray Chamber



3D Printer



Multiplex Temperature Tester



AC Power Source



Transportation Vibration Simulator

- ✓ 3D Printing
- ✓ IPX5 / X6 / X7 test
- ✓ Thermal test
- ✓ Anti-corrosion test
- ✓ 3G vibration test
- ✓ Salt spray test
- ✓ Needle-flame
- ✓ Load test
- ✓ Cord anchorage test
- ✓ Drop test
- ✓ AC / DC power source
- ✓ Suspension test
- ✓ Draught-proof test
- ✓ Power meter
- ✓ Water-proof test
- ✓ Anti-UV test
- ✓ Oven
- ✓ Electronic load test
- ✓ Dust-proof test
- ✓ IES test
- ✓ Integrating sphere
- ✓ Glow-wire test
- ✓ Safety test
- ✓ Touch current test
- ✓ Lifespan test
- ✓ RoHS test
- ✓ Surge test
- ✓ Humidity test
- ✓ Wind resistance test
- ✓ Endurance test
- ✓ Aging test
- ✓ Electronic balance
- ✓ Oscilloscope
- ✓ Constant temperature
- ✓ Digital multimeter

QUALIFICATIONS AND CERTIFICATES



ISO-9001



ENEC



CB



ETL



CE



IK10



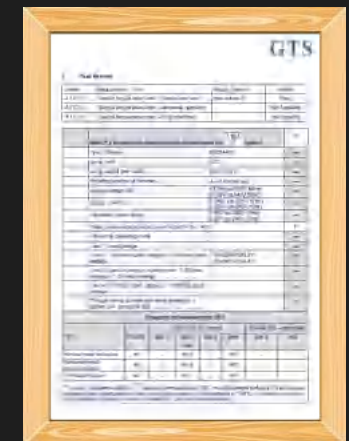
IP69K



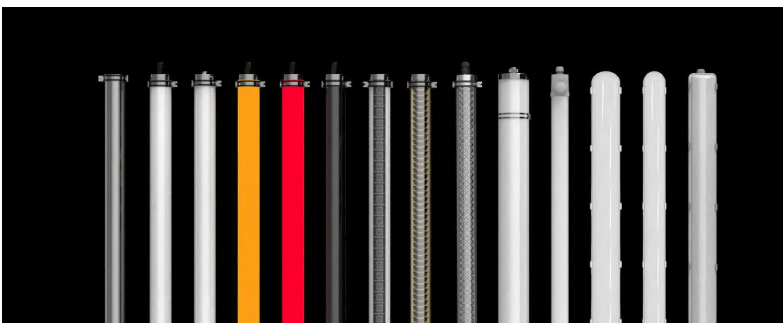
DLG



SAA

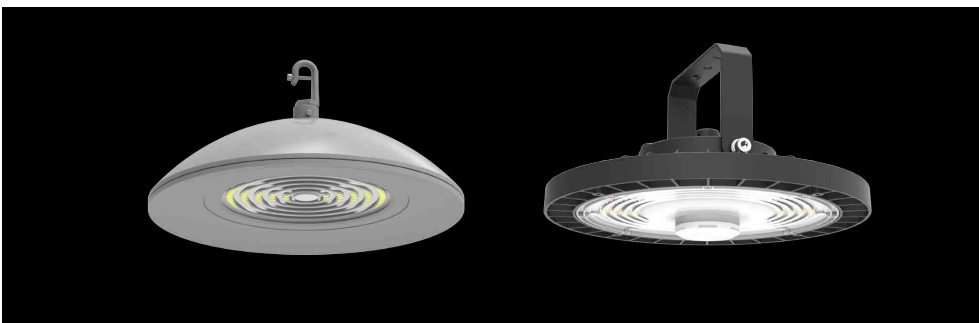


D - MARK



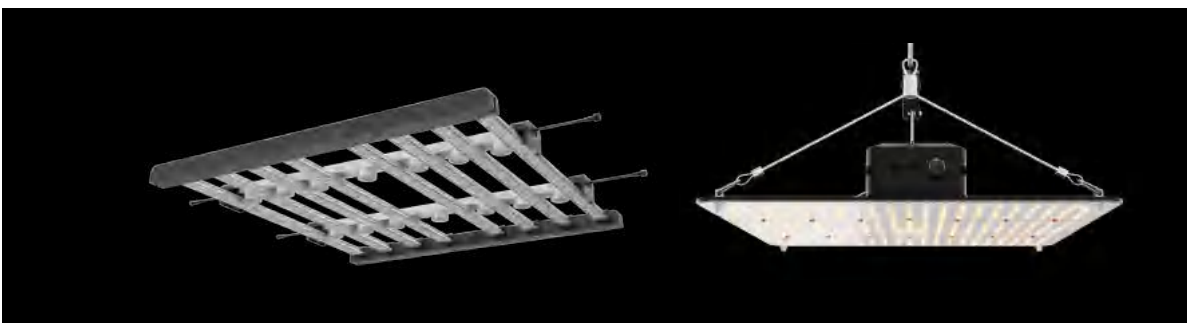
LED Tri-Proof Light

PAGE 09 - 42



LED High Bay / Low Bay Light

PAGE 43 - 58

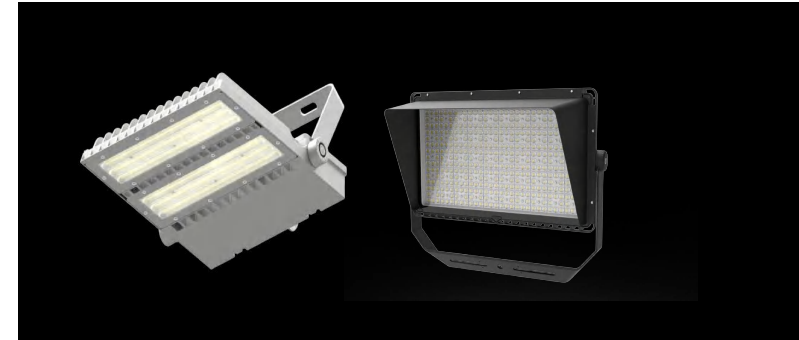


LED Grow Light

PAGE 59 - 64

LED Flood Light

PAGE 65-74



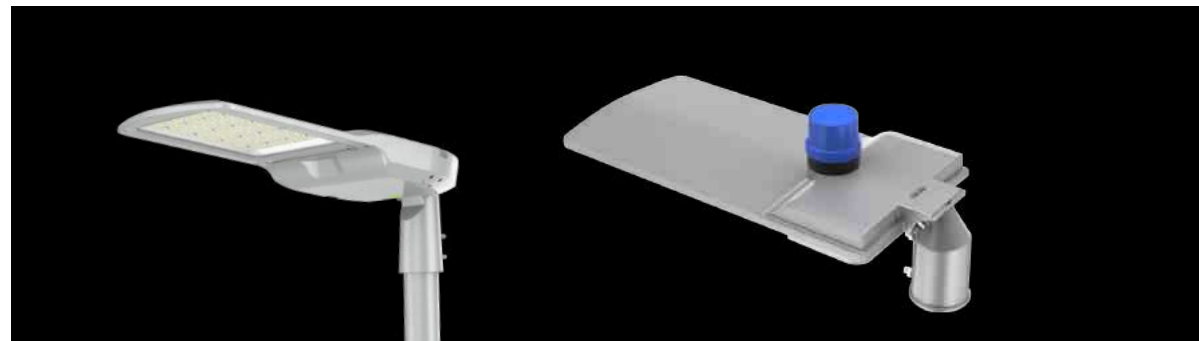
LED Marine Searchlight

PAGE 75-80

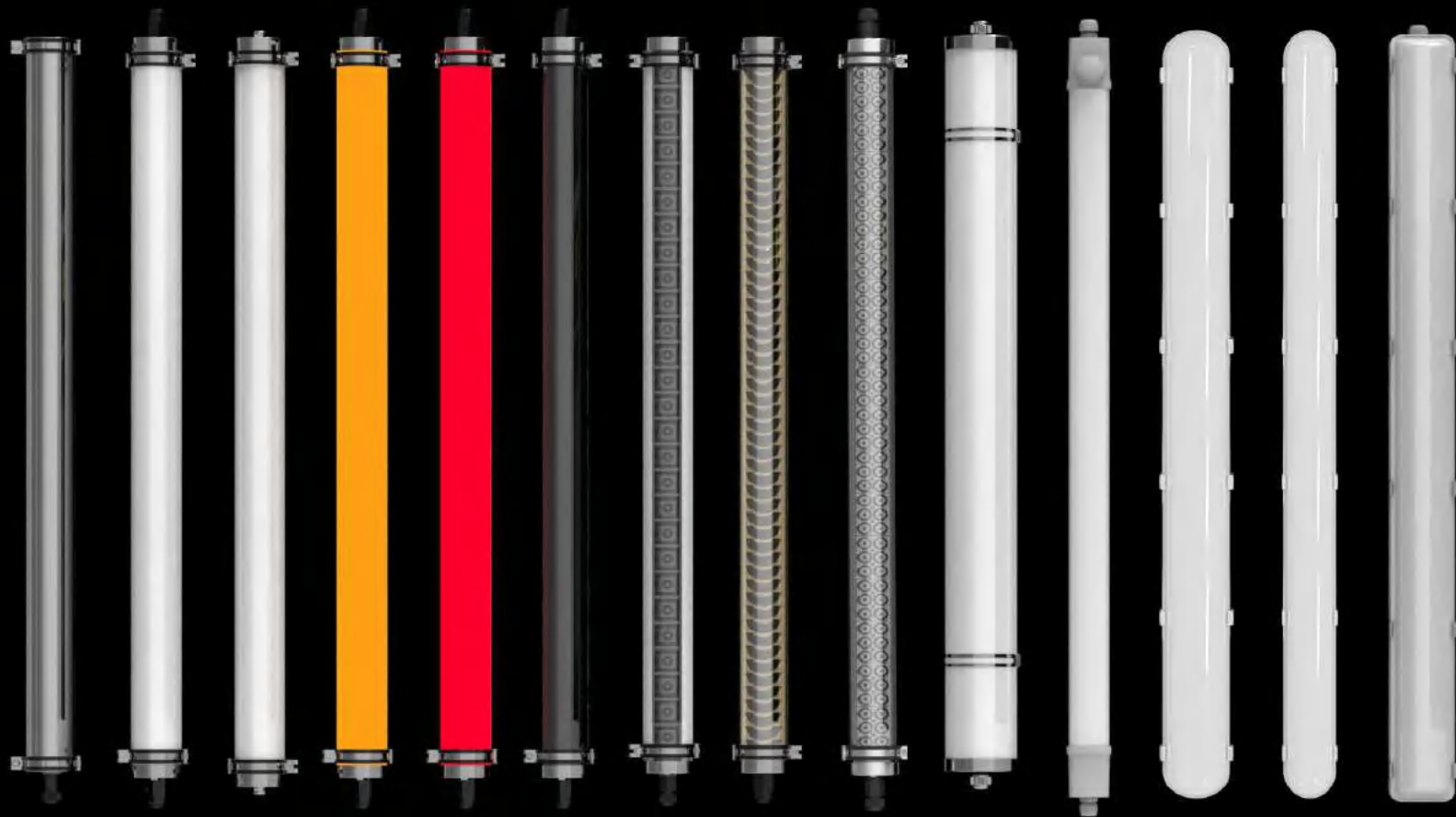


LED Street Light

PAGE 81-86



LED Tri-Proof Light





Easy Install LED Tri-proof Light L18
PAGE 11-12



Ø 45 mm LED Tri-proof Light L9M
PAGE 13-14



Ø 100 mm LED Tri-proof Light L9P
PAGE 15-16



DLG LED Tri-proof Light L9
PAGE 17-18



UGR<19 IP69K Tri-proof Light
PAGE 19-20



UGR<16 LED Tubular Light
PAGE 21-22



Tube Style LED Tubular Light
PAGE 23-24



Grid Type LED Tubular Light
PAGE 25-26



Mesh Type LED Tubular Light
PAGE 27-28



Farm RW LED Tubular Light
PAGE 29-30



Wine Cellar LED Tubular Light
PAGE 31-32



High Borosilicate Glass LED Tri-Proof Light
PAGE 33-34



IP66 LED Batten Light L10-K Series
PAGE 35-36



IP65 LED Batten Fixture-O Series
PAGE 37-38



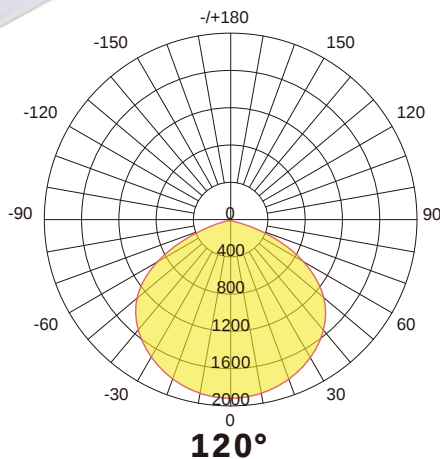
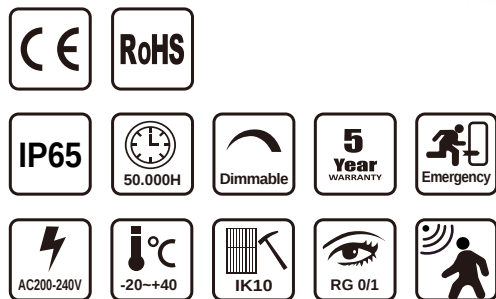
Toolless LED Tri-proof Light L11
PAGE 39-40



LED Linear Low Bay Fixture L1
PAGE 41-42

Features

- Easy installation, modular design
- IP65
- PMMA IK08 / PC IK10
- Environmentally friendly, no mercury, no UV, no IR
- System efficiency up to 140lm/W & 170lm/W
- High CRI>80
- 5 year warranty
- Wide beam angle 120°
- Quick start instant 100% luminous flux
- Certificate: CE, RoHS certified
- Surface mount or suspension mount



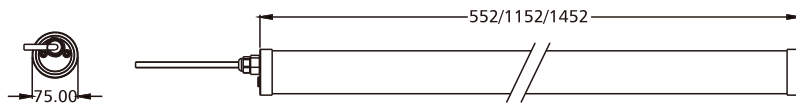
Applications

- Car parks
- Poultry lighting
- Farm lighting
- Port installations
- Railway stations
- Airports
- Inspection pits
- Tunnels

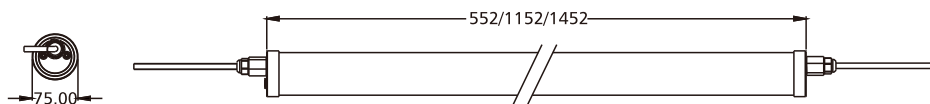




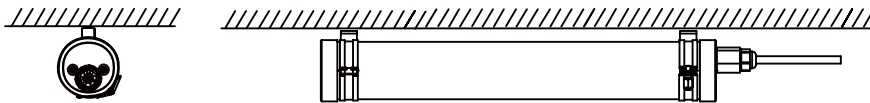
Single Installation



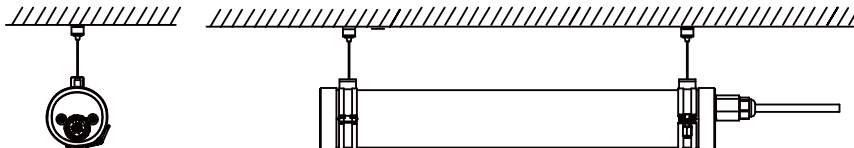
Linkable Installation



Surface Mount



Suspension Mount

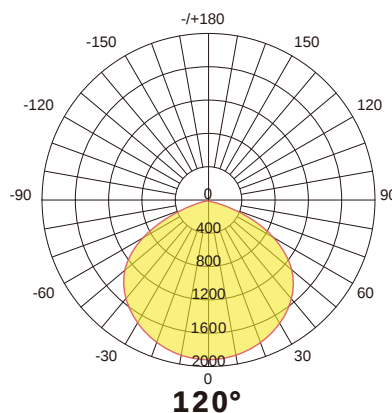


Specifications

Product Code	TBL182F-20W	TBL184F-40W	TBL185F-60W
Power	20W	40W	60W
Input Voltage	200-240VAC / 100-277VAC (50/60Hz)		
Input Current	0.15A@220VAC	0.3A@220VAC	0.4A@220VAC
PF	0.95@220VAC		
Dimming Option	0-10V / DALI		
CCT	2700-6500K		
Luminous Flux	2800Lm	5600Lm	8400Lm
Efficiency	140Lm/W±5% (Ra>80)		
Luminous Flux	3400Lm	6800Lm	10200Lm
Efficiency	170Lm/W±5% (Ra>80)		
LED Brand	Lumileds / Hongli 2835		
Beam Angle	120°		
Operation Temp	-20°C~+40°C		
Storage Temp	-20°C~+60°C		
Life Span	Ta 40°C L70>54000 hours		
IP Class	IP65		
IK Class	PMMA IK08 / PC IK10		
Certificate	CE, RoHS, CB, IK10, IP65		
Lamp Body Color	Milky PC / PMMA housing & 304 / 316 stainless steel end caps		
Product Size (mm)	Ø75*552	Ø75*1152	Ø75*1452
Packing Size (mm)	730*260*260	1330*260*180	1630*260*180
Quantity / Carton	9PCS	6PCS	6PCS
Gross Weight (kg) ±0.3	13	12	14
Installation Mode	Surface mount / Suspension mount		

Features

- IP69K, IP66
- PC IK08
- System efficiency up to 150lm/W
- High CRI>80, SDCM<3
- Environmentally friendly, no mercury, no UV, no IR
- Wide beam angle 120°
- Quick start instant 100% luminous flux
- 5 year warranty
- Certificate: CE, RoHS certified



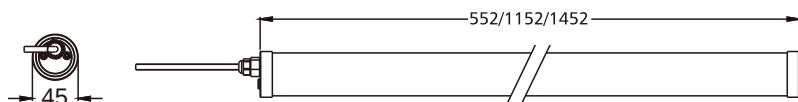
Applications

- Car parks
- Ships
- Food processing
- Poultry lighting
- Farm lighting
- Water treatment plants
- Railway stations
- Car washing
- Airports
- Inspection pits
- Tunnels
- Port installations

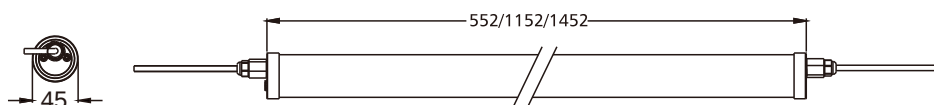




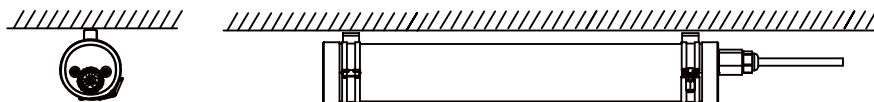
Single Installation



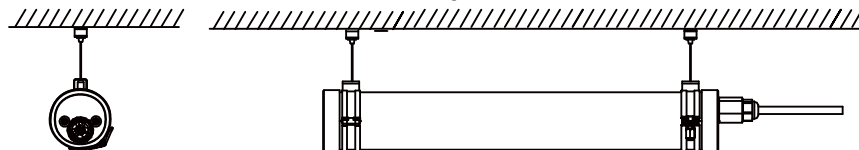
Linkable Installation



Surface Mount



Suspension Mount



Specifications

Product Code	TBL9M2F-15W	TBL9M4F-30W	TBL9M5F-45W
Power	15W	30W	45W
Input Voltage	100-240V / 277VAC (50/60Hz)		
Input Current	0.07A@220VAC	0.14A@220VAC	0.23A@220VAC
PF	0.90@220VAC		
Dimming Option	/		
CCT	2700-6500K		
Luminous Flux	1950Lm	3900Lm	5850Lm
Efficiency	130Lm/W±5% (Ra>80)		
Luminous Flux	2250Lm	4500Lm	6750Lm
Efficiency	150Lm/W±5% (Ra>80)		
LED Brand	Lumileds / Hongli 2835		
Beam Angle	120°		
Operation Temp	-20°C~+40°C		
Storage Temp	-20°C~+60°C		
Life Span	Ta 40°C L70>54000 hours		
IP Class	IP66 / IP69K		
IK Class	PC IK08		
Certificate	CE, RoHS		
Lamp Body Color	Milky PC / PMMA housing & 304 / 316 stainless steel end caps		
Product Size (mm)	Ø45*552	Ø45*1152	Ø45*1452
Packing Size (mm)	690*245*310	1290*245*310	1590*245*310
Quantity / Carton	20PCS	20PCS	20PCS
Gross Weight (kg) ±0.3	14	15	17.5
Installation Mode	Surface mount / Suspension mount		

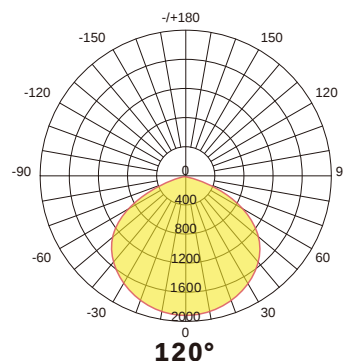
Features

- IP67 & IP69K & IK10
- PMMA IK08 / PC IK10
- System efficiency up to 170lm/W
- Against water pressure of 100bar (1450psi) and temperature of 80°C
- Environmentally friendly, no mercury, no UV, no IR
- High CRI>80
- 5 year warranty
- Wide beam angle 120°
- Quick start instant 100% luminous flux
- Certificate: CE, RoHS certified
- Surface mount or suspension mount



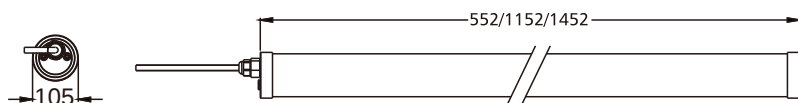
Applications

- Car parks
- Ships
- Food processing
- Poultry lighting
- Farm lighting
- Water treatment plants
- Railway stations
- Car washing
- Airports
- Inspection pits
- Tunnels
- Port installations

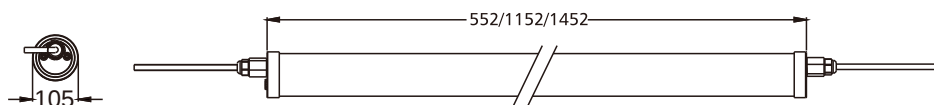




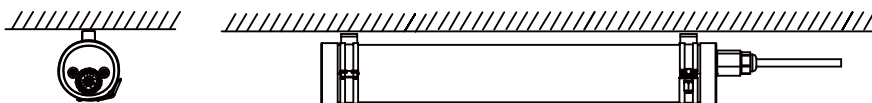
Single Installation



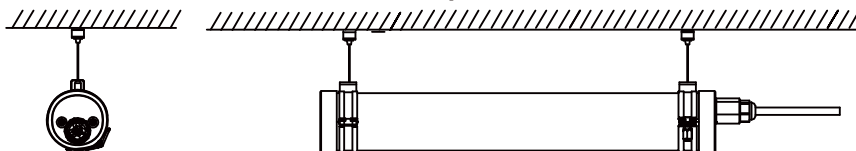
Linkable Installation



Surface Mount



Suspension Mount



Specifications

Product Code	TBL9P2F-30W	TBL9P4F-60W	TBL9P5F-80W
Power	30W	60W	80W
Input Voltage	200-240VAC / 100-277VAC (50/60Hz)		
Input Current	0.15A@220VAC	0.3A@220VAC	0.4A@220VAC
PF	0.90@220VAC		
Dimming Option	0-10V / DALI		
CCT	3000K / 4000K / 5000K / 6000K		
Luminous Flux	4200Lm	8400Lm	11200Lm
Efficiency	140Lm/W±5% (Ra>80)		
Luminous Flux	5100Lm	10200Lm	13600Lm
Efficiency	170Lm/W±5% (Ra>80)		
LED Brand	Lumileds / Hongli 2835		
Beam Angle	120°		
Operation Temp	-20°C~+40°C		
Storage Temp	-20°C~+60°C		
Life Span	Ta 40°C L70>54000 hours		
IP Class	IP67 & IP69K		
IK Class	PMMA IK08 / PC IK10		
Certificate	CE, RoHS, IK10, IP69K		
Lamp Body Color	Milky PC / PMMA housing & 304 / 316 stainless steel end caps		
Product Size (mm)	ø105*552	ø105*1152	ø105*1452
Packing Size (mm)	730*340*345	1330*345*240	1630*345*240
Quantity / Carton	9PCS	6PCS	6PCS
Gross Weight (kg) ±0.3	14	15	17
Installation Mode	Surface mount / Suspension mount		

TUBU

DLG LED Tri-proof Light L9

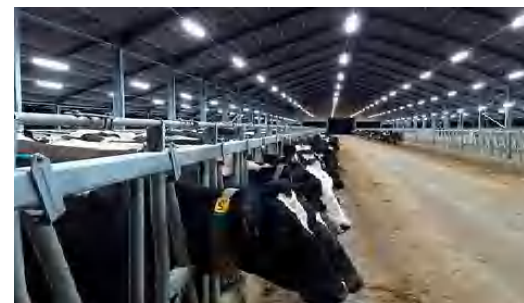
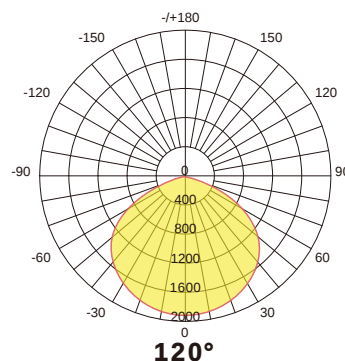
Features

- IP67 & IP69K & IK10
- PMMA IK08 / PC IK10
- Anti-ammonia
- Against water pressure of 100bar (1450psi) and temperature of 80°C
- System efficiency up to 140lm/W & 170lm/W
- High CRI>80
- Environmentally friendly, no mercury, no UV, no IR
- Wide beam angle 120°
- 5 year warranty
- Quick start instant 100% luminous flux
- Certificate: CE, RoHS certified
- Surface mount or suspension mount



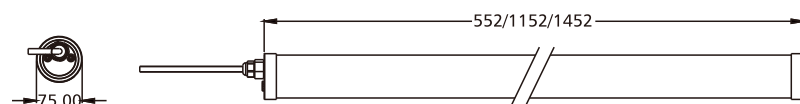
Applications

- Car parks
- Ships
- Food processing
- Poultry lighting
- Farm lighting
- Water treatment plants
- Railway stations
- Car washing
- Airports
- Inspection pits
- Tunnels
- Port installations

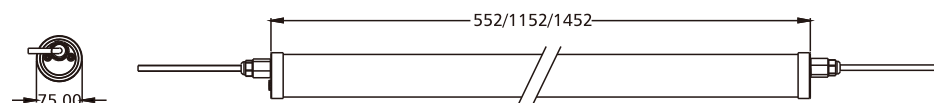




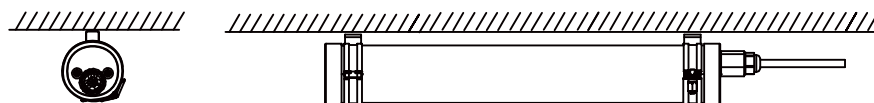
Single Installation



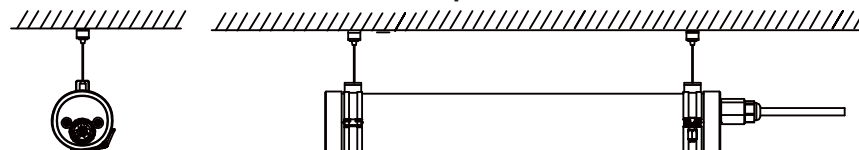
Linkable Installation



Surface Mount



Suspension Mount

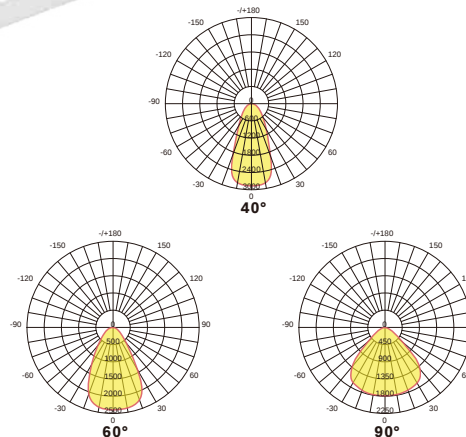


Specifications

Product Code	TBL92F-20W	TBL94F-40W	TBL95F-50W	TBL95F-60W
Power	20W	40W	50W	60W
Input Voltage	200-240VAC / 100-277VAC (50/60Hz)			
Input Current	0.09A@220VAC	0.19A@220VAC	0.23A@220VAC	0.28A@220VAC
PF	0.90@220VAC			
Dimming Option	0-10V / DALI			
CCT	3000K/4000K/5000K/6000K			
Luminous Flux	2800Lm	5600Lm	7000Lm	8400Lm
Efficiency	140Lm/W±5% (Ra>80)			
Luminous Flux	3400Lm	6800Lm	8500Lm	10200Lm
Efficiency	170Lm/W±5% (Ra>80)			
LED Brand	Lumileds / Hongli 2835			
Beam Angle	120°			
Operation Temp	-20°C ~ +40°C			
Storage Temp	-20°C ~ +60°C			
Life Span	Ta 40°C L70>54000 hours			
IP Class	IP67 & IP69K			
IK Class	PMMA IK08 / PC IK10			
Certificate	CE, RoHS, CB, IK10, IP69K, ENEC, RCM			
Lamp Body Color	Milky PC / PMMA housing & 304 / 316 stainless steel end caps			
Product Size (mm)	∅75*552	∅75*1152	∅75*1452	∅75*1452
Packing Size (mm)	730*260*260	1330*260*180	1630*260*180	1630*260*180
Quantity / Carton	9PCS	6PCS	6PCS	6PCS
Gross Weight (kg) ±0.3	13	12	14	14
Installation Mode	Surface mount / Suspension mount			

Features

- UGR<19 low glare
- PMMA clear IK08 / PC clear IK10
- IP67 & IP69K
- Against water pressure of 100bar (1450psi) and temperature of 80°C
- System efficiency up to 150lm/W
- High CRI>80
- 304 / 316 stainless steel end caps, breather, mounting bracket
- Flicker free
- Wide beam angle 40° 60° 90°
- CE, RoHS, IP69K, IK10, ENEC, RCM, CB certified
- 5 year warranty



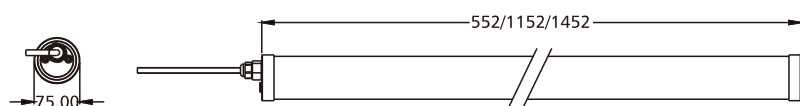
Applications

- Tunnels
- Car parks
- Cultural facilities
- Housing facilities
- Urban lighting
- Sports facilities
- Schools and universities
- Railway stations and airports
- Public institutions and offices
- Port and naval installations
- Water treatment
- Inspection pits

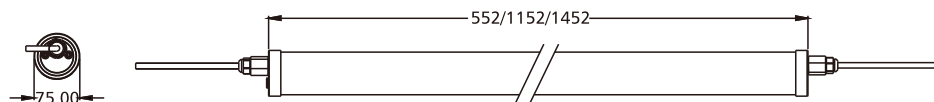




Single Installation



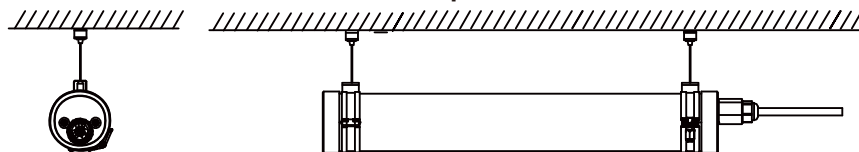
Linkable Installation



Surface Mount



Suspension Mount

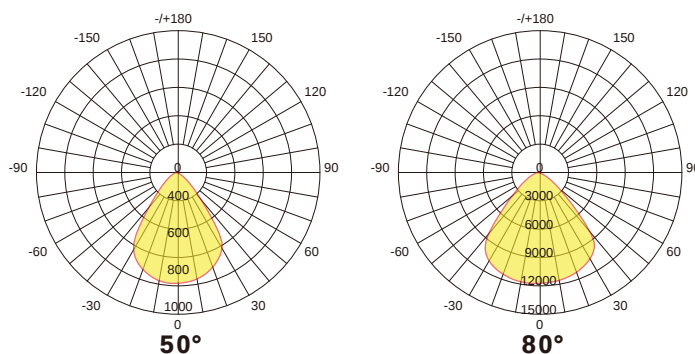


Specifications

Product Code	TBL92F-20W-DXG	TBL94F-40W-DXG	TBL95F-50W-DXG	TBL95F-60W-DXG
Power	20W	40W	50W	60W
Input Voltage	200-240VAC / 100-277VAC (50/60Hz)			
Input Current	0.09A@220VAC	0.19A@220VAC	0.23A@220VAC	0.28A@220VAC
PF	0.90@220VAC			
Dimming Option	0-10V / DALI			
CCT	3000K / 4000K / 5000K / 6000K			
Luminous Flux	2600Lm / 3000Lm	5200Lm / 6000Lm	6500Lm / 7500Lm	7800Lm / 9000Lm
Efficiency	130Lm/W±5% / 150Lm/W±5% (Ra>80)			
LED Brand	Lumileds / Hongli 3030			
Beam Angle	40° UGR<16 / 60° UGR<19 / 90° UGR<22			
Operation Temp	-20°C~+40°C			
Storage Temp	-20°C~+60°C			
Life Span	Ta 40°C L70>54000 hours			
IP Class	IP67 & IP69K			
IK Class	PMMA IK08 / PC IK10			
Certificate	CE, RoHS, CB, IP69K, RCM, ENEC			
Lamp Body Color	Milky PC / PMMA housing & 304 / 316 stainless steel end caps			
Product Size (mm)	∅ 75*552	∅ 75*1152	∅ 75*1452	∅ 75*1452
Packing Size (mm)	730*260*260	1330*260*180	1630*260*180	1630*260*180
Quantity / Carton	9PCS	6PCS	6PCS	6PCS
Gross Weight (kg) ±0.3	13	12	14	14
Installation Mode	Surface mount / Suspension mount			

Features

- IP67 & IP69K & IK10
- PMMA IK08 / PC IK10
- Against water pressure of 100bar (1450psi) and temperature of 80°C
- System efficiency up to 130lm/W
- High CRI>80
- UGR<16
- Environmentally friendly, no mercury, no UV, no IR
- Wide beam angle 50° 80°
- 5 year warranty
- Quick start instant 100% luminous flux
- Certificate: CE, RoHS certified
- Surface mount or suspended



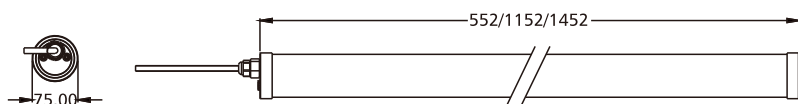
Applications

- Car parks
- Ships
- Food processing
- Poultry lighting
- Farm lighting
- Water treatment plants
- Railway stations
- Car washing
- Airports
- Inspection pits
- Tunnels
- Port installations

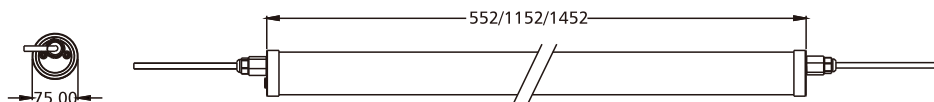




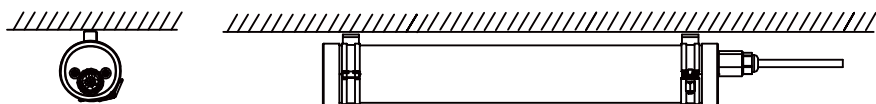
Single Installation



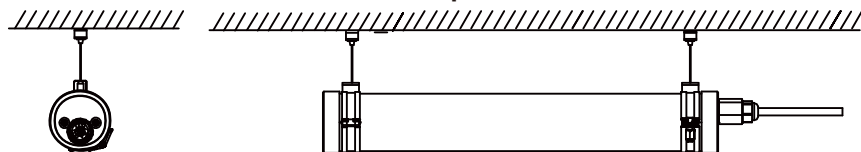
Linkable Installation



Surface Mount



Suspension Mount



Specifications

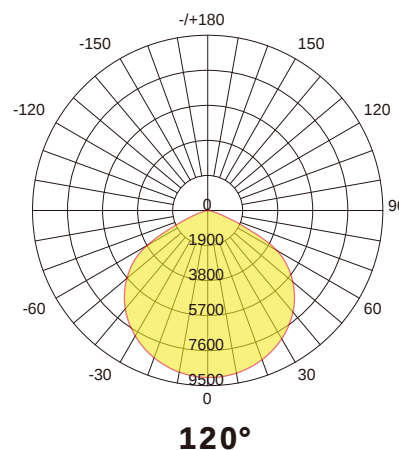
Product Code	TBL92F-20W-UGR	TBL94F-40W-UGR	TBL95F-50W-UGR	TBL95F-60W-UGR
Power	20W	40W	50W	60W
Input Voltage	200-240VAC / 100-277VAC (50/60Hz)			
Input Current	0.09A@220VAC	0.19A@220VAC	0.23A@220VAC	0.28A@220VAC
PF	0.90@220VAC			
Dimming Option	0-10V / DALI			
CCT	3000K / 4000K / 5000K / 6000K			
Luminous Flux	2600Lm	5200Lm	6500Lm	7800Lm
Efficiency	130Lm/W±5% (Ra>80)			
LED Brand	Lumileds / Hongli			
Beam Angle	50° UGR<16 / 80° UGR<19			
Operation Temp	-20°C~+40°C			
Storage Temp	-20°C~+60°C			
Life Span	Ta 40°C L70>54000 hours			
IP Class	IP67 & IP69K			
IK Class	PMMA IK08 / PC IK10			
Certificate	CE, RoHS, CB, IK10, IP69K, ENEC			
Lamp Body Color	Milky PC / PMMA housing & 304 / 316 Stainless steel end caps			
Product Size (mm)	∅75*552	∅75*1152	∅75*1452	∅75*1452
Packing Size (mm)	730*260*260	1330*260*180	1630*260*180	1630*260*180
Quantity / Carton	9PCS	6PCS	6PCS	6PCS
Gross Weight (kg) ±0.3	13	12	14	14
Installation Mode	Surface mount / Suspension mount			

TUBU

Tube Style LED Tubular Light

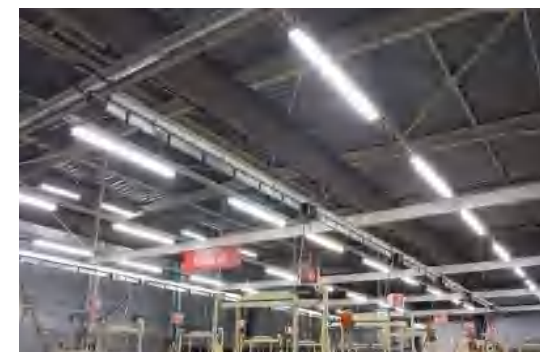
Features

- IP67 & IP69K
- PMMA IK08 / PC IK10
- Against water pressure of 100bar (1450psi) and temperature of 80°C
- System efficiency up to 130lm/W
- High CRI>80
- Environmentally friendly, no mercury, no UV, no IR
- Wide beam angle 120°
- Quick start instant 100% luminous flux
- 5 year warranty
- Certificate: CE, RoHS certified
- Surface mount or suspended



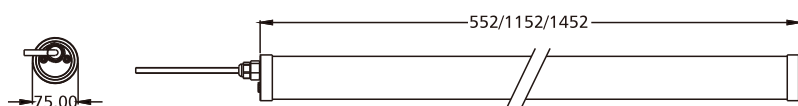
Applications

- Car parking lighting
- School lighting
- Workshops
- Supermarket
- Warehouse
- Storage

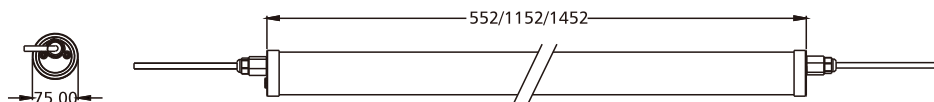




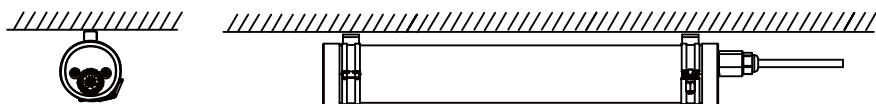
Single Installation



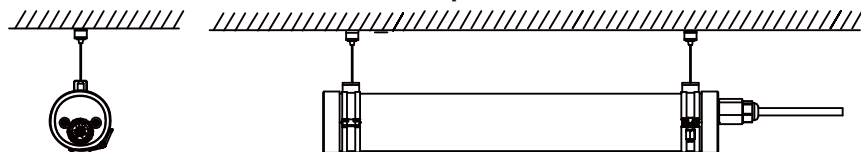
Linkable Installation



Surface Mount



Suspension Mount



Specifications

Product Code	TBL92F-20W-T	TBL94F-40W-T	TBL95F-50W-T	TBL95F-60W-T
Power	20W	40W	50W	60W
Input Voltage	200-240VAC / 100-277VAC (50/60Hz)			
Input Current	0.09A@220VAC	0.19A@220VAC	0.23A@220VAC	0.28A@220VAC
PF	0.90@220VAC			
Dimming Option	0-10V / DALI			
CCT	3000K / 4000K / 5000K / 6000K			
Luminous Flux	2600Lm	5200Lm	6500Lm	7800Lm
Efficiency	130Lm/W±5% (Ra>80)			
LED Brand	Lumileds / Hongli			
Beam Angle	120°			
Operation Temp	-20°C~+40°C			
Storage Temp	-20°C~+60°C			
Life Span	Ta 40°C L70>54000 hours			
IP Class	IP67 & IP69K			
IK Class	PMMA IK08 / PC IK10			
Certificate	CE, RoHS, CB, IK10, IP69K, ENEC			
Lamp Body Color	Milky PC / PMMA housing & 304 / 316 stainless steel end caps			
Product Size (mm)	Ø75*552	Ø75*1152	Ø75*1452	Ø75*1452
Packing Size (mm)	730*260*260	1330*260*180	1630*260*180	1630*260*180
Quantity / Carton	9PCS	6PCS	6PCS	6PCS
Gross Weight (kg) ±0.3	13	12	14	14
Installation Mode	Surface mount / Suspension mount			

Grid Type LED Tubular Light

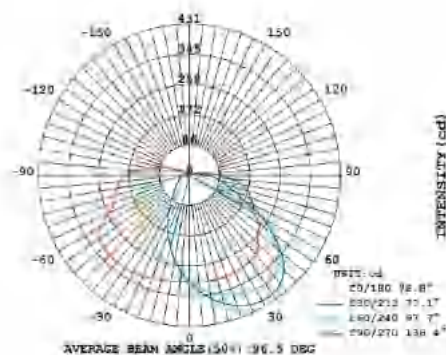
Features

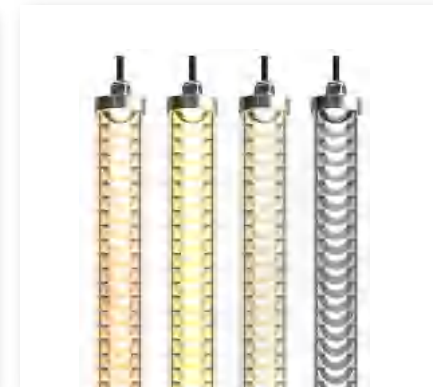
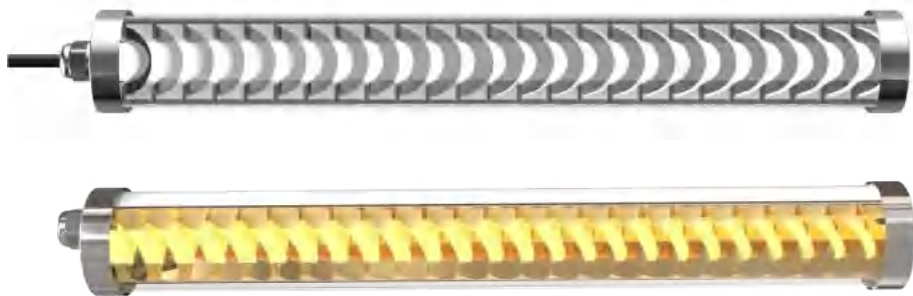
- IP67 & IP69K
- PMMA IK08 / PC IK10
- Against water pressure of 100bar (1450psi) and temperature of 80°C
- System efficiency up to 60lm/W
- High CRI>80
- Environmentally friendly, no mercury, no UV, no IR
- Wide beam angle 80*120°
- Quick start instant 100% luminous flux
- 5 year warranty
- Certificate: CE, RoHS certified
- Surface mount or suspended



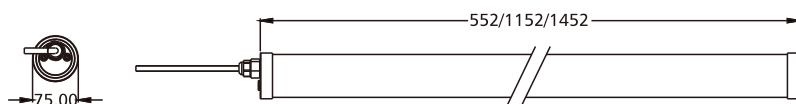
Applications

- Car parking lighting
- School lighting
- Workshops
- Supermarket
- Warehouse
- Storage

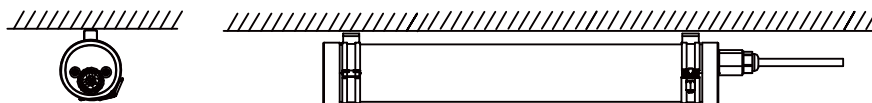




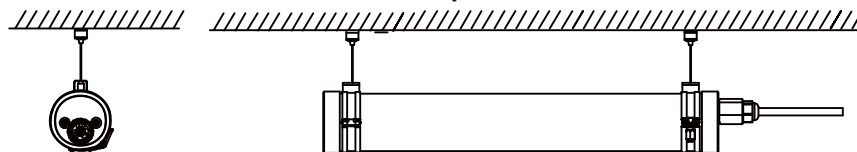
Single Installation



Surface Mount



Suspension Mount



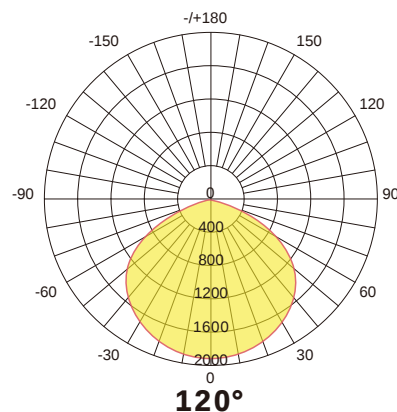
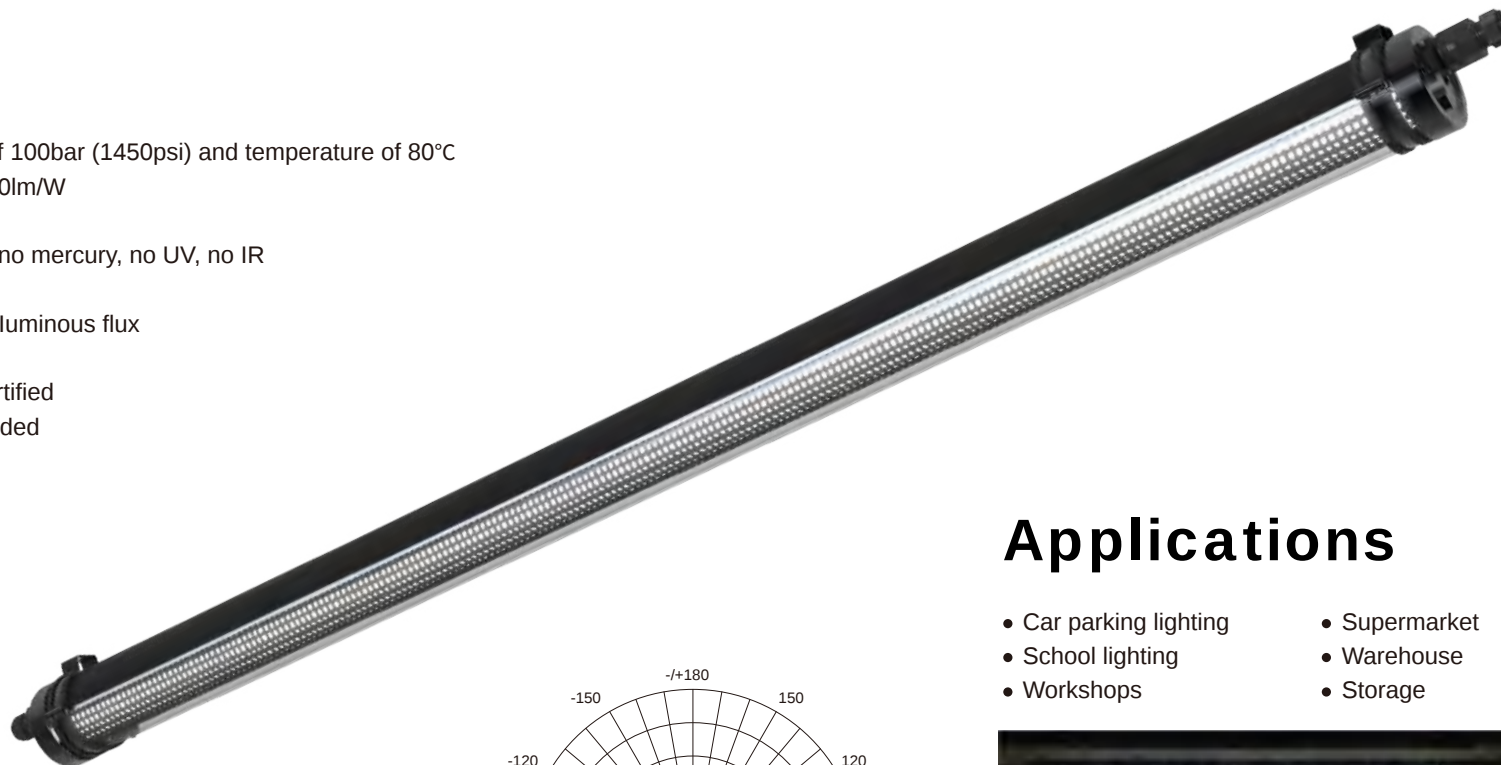
Specifications

Product Code	TBL92F-20W-G	TBL94F-40W-G	TBL95F-50W-G	TBL95F-60W-G
Power	20W	40W	50W	60W
Input Voltage	200-240VAC / 100-277VAC (50/60Hz)			
Input Current	0.09A@220VAC	0.19A@220VAC	0.23A@220VAC	0.28A@220VAC
PF	0.90@220VAC			
Dimming Option	0-10V / DALI			
CCT	3000K / 4000K / 5000K / 6000K			
Luminous Flux	1200Lm	2400Lm	3000Lm	3600Lm
Efficiency	60Lm/W±5% (Ra>80)			
LED Brand	Lumileds / Hongli			
Beam Angle	80°120°			
Operation Temp	-20°C~+40°C			
Storage Temp	-20°C~+60°C			
Life Span	Ta 40°C L70>54000 hours			
IP Class	IP67 & IP69K			
IK Class	PMMA IK08 / PC IK10			
Certificate	CE, RoHS, CB, IK10, IP69K, ENEC			
Lamp Body Color	Milky PC / PMMA housing & 304 / 316 stainless steel end caps			
Product Size (mm)	Ø75*552	Ø75*1152	Ø75*1452	Ø75*1452
Packing Size (mm)	730*260*260	1330*260*180	1630*260*180	1630*260*180
Quantity / Carton	9PCS	6PCS	6PCS	6PCS
Gross Weight (kg) ±0.3	13	12	14	14
Installation Mode	Surface mount / Suspension mount			

Mesh Type LED Tubular Light

Features

- IP67 & IP69K
- PMMA IK08 / PC IK10
- Against water pressure of 100bar (1450psi) and temperature of 80°C
- System efficiency up to 60lm/W
- High CRI>80
- Environmentally friendly, no mercury, no UV, no IR
- Wide beam angle 120°
- Quick start instant 100% luminous flux
- 5 year warranty
- Certificate: CE, RoHS certified
- Surface mount or suspended



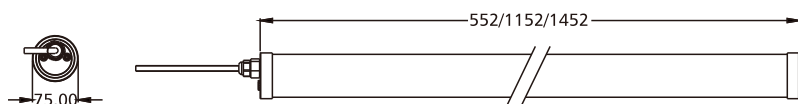
Applications

- Car parking lighting
- School lighting
- Workshops
- Supermarket
- Warehouse
- Storage

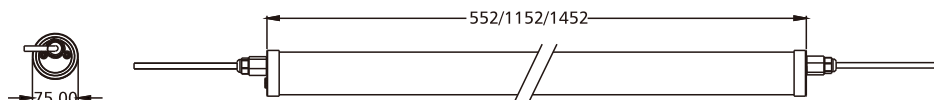




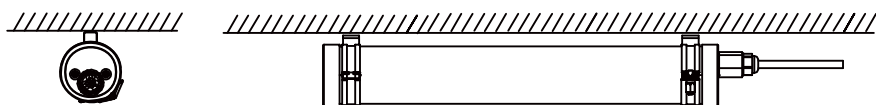
Single Installation



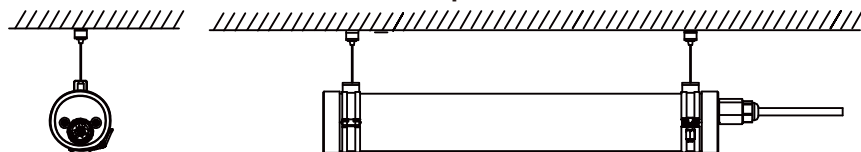
Linkable Installation



Surface Mount



Suspension Mount



Specifications

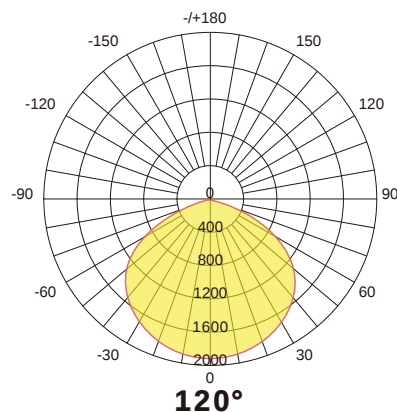
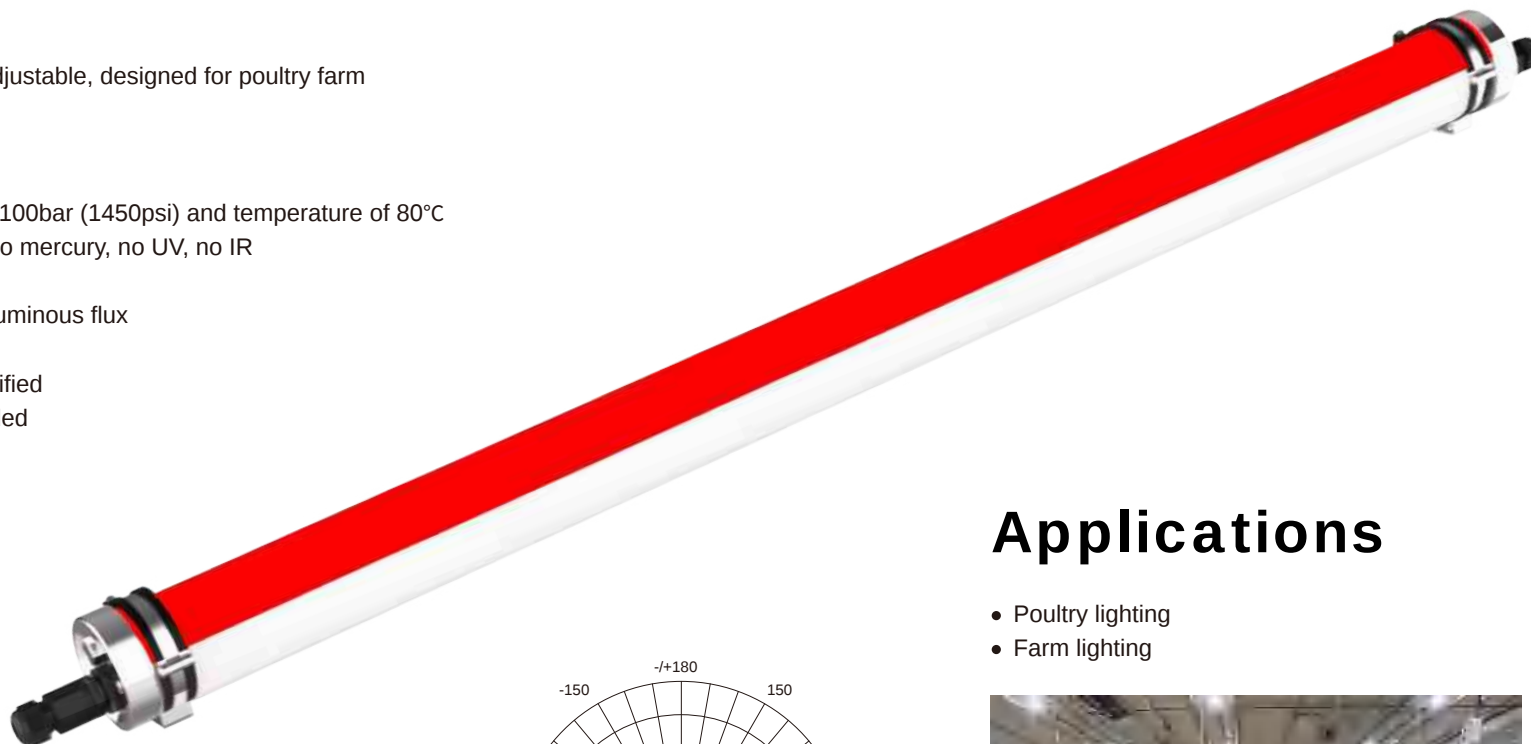
Product Code	TBL92F-20W-M	TBL94F-40W-M	TBL95F-50W-M	TBL95F-60W-M
Power	20W	40W	50W	60W
Input Voltage	200-240VAC / 100-277VAC (50/60Hz)			
Input Current	0.09A@220VAC	0.19A@220VAC	0.23A@220VAC	0.28A@220VAC
PF	0.90@220VAC			
Dimming Option	0-10V / DALI			
CCT	3000K / 4000K / 5000K / 6000K			
Luminous Flux	1200Lm	2400Lm	3000Lm	3600Lm
Efficiency	60Lm/W±5% (Ra>80)			
LED Brand	Lumileds / Hongli			
Beam Angle	120°			
Operation Temp	-20°C~+40°C			
Storage Temp	-20°C~+60°C			
Life Span	Ta 40°C L70>54000 hours			
IP Class	IP67 & IP69K			
IK Class	PMMA IK08 / PC IK10			
Certificate	CE, RoHS, CB, IK10, IP69K, ENEC			
Lamp Body Color	Milky PC / PMMA housing & 304 / 316 stainless steel end caps			
Product Size (mm)	Ø75*552	Ø75*1152	Ø75*1452	Ø75*1452
Packing Size (mm)	730*260*260	1330*260*180	1630*260*180	1630*260*180
Quantity / Carton	9PCS	6PCS	6PCS	6PCS
Gross Weight (kg) ±0.3	13	12	14	14
Installation Mode	Surface mount / Suspension mount			

TUBU

Farm RW LED Tubular Light

Features

- Red & white 2 in 1 CCT adjustable, designed for poultry farm
- IP67 & IP69K
- PMMA IK08 / PC IK10
- Anti-ammonia
- Against water pressure of 100bar (1450psi) and temperature of 80°C
- Environmentally friendly, no mercury, no UV, no IR
- Wide beam angle 120°
- Quick start instant 100% luminous flux
- 5 Year warranty
- Certificate: CE, RoHS certified
- Surface mount or suspended



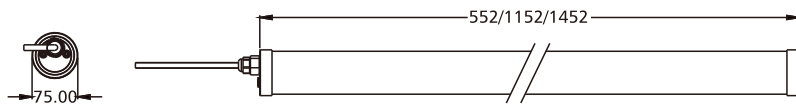
Applications

- Poultry lighting
- Farm lighting

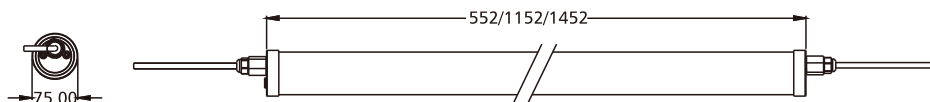




Single Installation



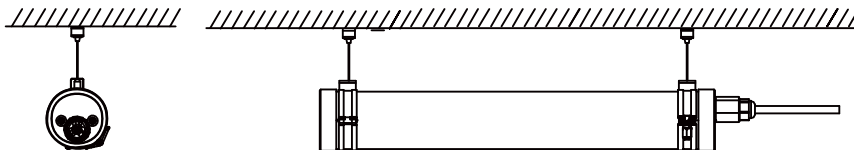
Linkable Installation



Surface mount



Suspension mount

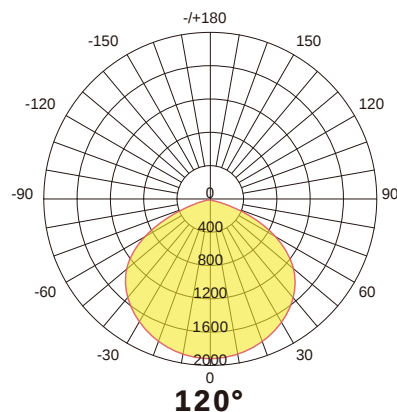
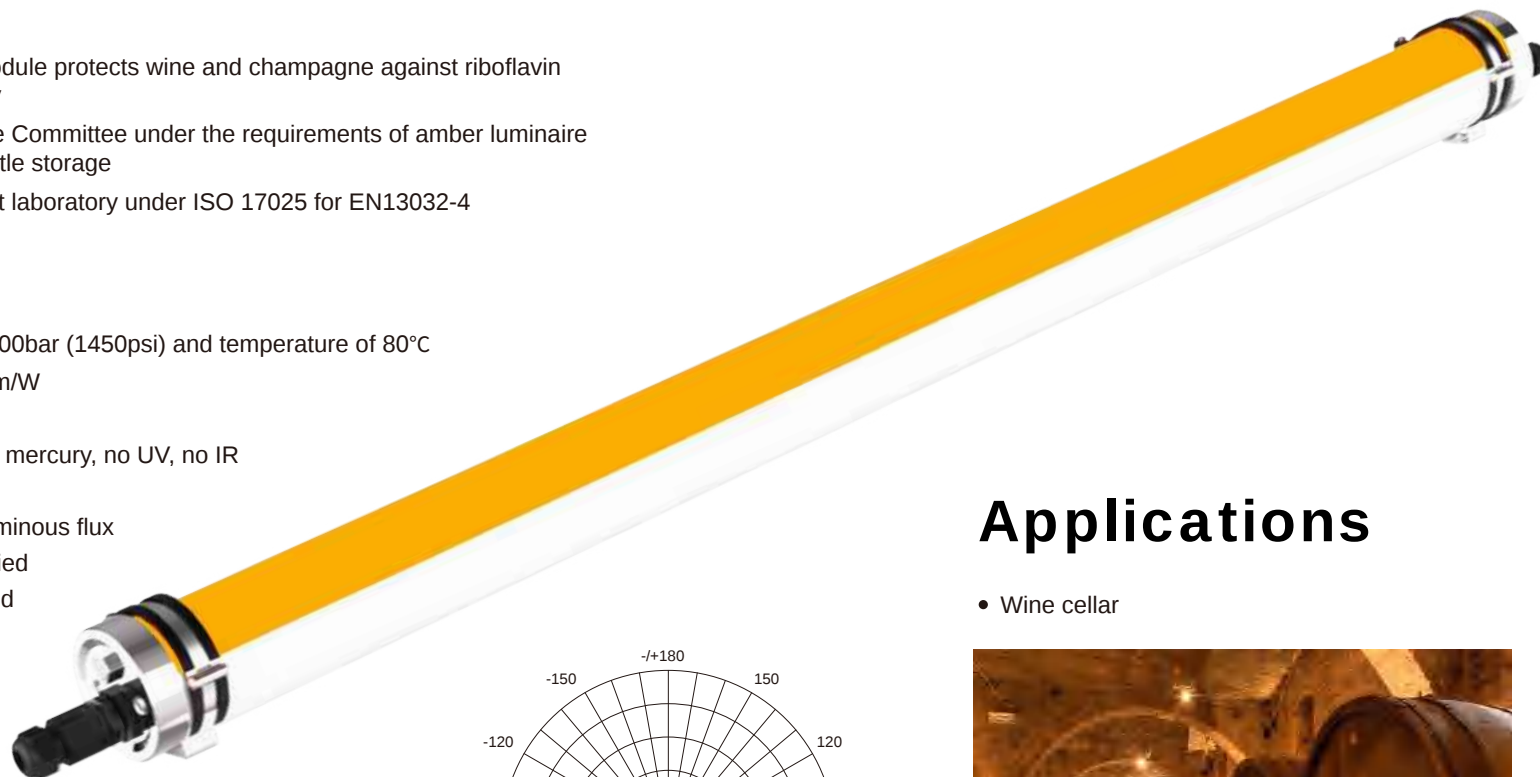


Specifications

Product Code	TBL94F-20W-RW	
Power	20W White + 20W Red	
Input Voltage	200-240VAC (50/60Hz)	
PF	0.90@220VAC	
Dimming	0-10V	
CCT	4000K(White) & 627nm(Red)	
Luminous Flux	2600Lm±5%	900Lm±5%
Efficiency	4000K 130Lm/W±5%(Ra > 80)	Red 45Lm/W±5%
LED Brand	Lumileds/Hongli 2835	
Beam Angle	120°	
Operation Temp	-20°C~+40°C	
Storage Temp	-20°C~+60°C	
Life Span	Ta 40°C L70>54000 hours	
IP Class	IP67 & IP69K	
IK Class	PMMA IK08 / PC IK10	
Certificate	CE, RoHS, CB, IK10, IP69K, ENEC	
Lamp Body Color	Milky PC / PMMA Housing & 304 / 316 Stainless Steel End Caps	
Product Size (mm)	Ø 75*1152	
Packing Size (mm)	1330*260*180	
Quantity/carton	6PCS	
Gross weight (kg) ±0.3	12	
Installation mode	Surface Mount / Suspension Mount	

Features

- The specific amber LED module protects wine and champagne against riboflavin effects from photosensitivity
- Certified by the Champagne Committee under the requirements of amber luminaire qualification protocol for bottle storage
- Qualified by an independent laboratory under ISO 17025 for EN13032-4
- IP67 & IP69K
- PMMA IK08 / PC IK10
- Anti-ammonia
- Against water pressure of 100bar (1450psi) and temperature of 80°C
- System efficiency up to 35lm/W
- 5 year warranty
- Environmentally friendly, no mercury, no UV, no IR
- Wide beam angle 120°
- Quick start instant 100% luminous flux
- Certificate: CE, RoHS certified
- Surface mount or suspended



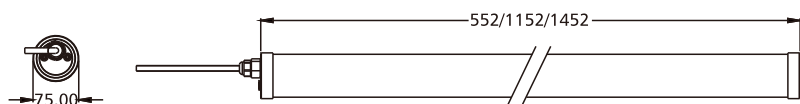
Applications

- Wine cellar

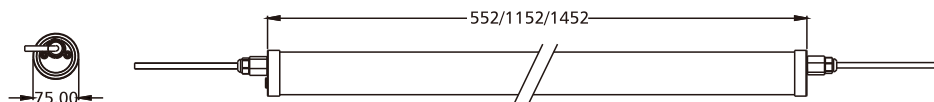




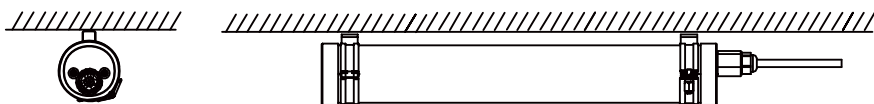
Single Installation



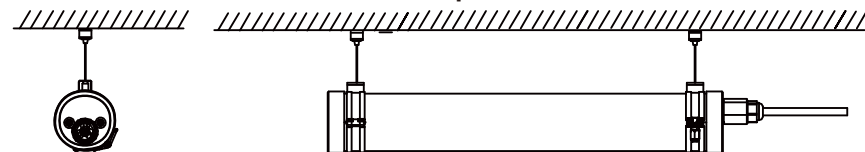
Linkable Installation



Surface mount



Suspension mount



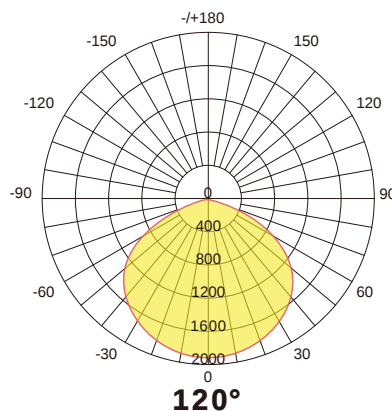
Specifications

Product Code	TBL92F-20W	TBL94F-40W	TBL95F-50W	TBL95F-60W
Power	20W	40W	50W	60W
Input Voltage	200-240VAC / 100-277VAC (50/60Hz)			
Input Current	0.09A@220VAC	0.19A@220VAC	0.23A@220VAC	0.28A@220VAC
PF	0.90@220VAC			
Dimming Option	0-10V / DALI			
CCT	590-595nm			
Luminous Flux	700Lm	1400Lm	1750Lm	2100Lm
Efficiency	35Lm/W±5%			
Luminous Flux	1300Lm	2600Lm	3250Lm	3900 Lm
Efficiency	65Lm/W±5%			
LED Brand	2835 / 3030			
Beam Angle	120°			
Operation Temp	-20°C~+40°C			
Storage Temp	-20°C~+60°C			
Life Span	Ta 40°C L70>54000 hours			
IP Class	IP67 & IP69K			
IK Class	PMMA IK08 / PC IK10			
Certificate	CE, RoHS, CB, IK10, IP69K, ENEC			
Lamp Body Color	Milky PC / PMMA housing & 304 / 316 stainless steel end caps			
Product Size (mm)	Ø 75*552	Ø 75*1152	Ø 75*1452	Ø 75*1452
Packing Size (mm)	730*260*260	1330*260*180	1630*260*180	1630*260*180
Quantity / Carton	9PCS	6PCS	6PCS	6PCS
Gross Weight (kg) ±0.3	13	12	14	14
Installation Mode	Surface mount / Suspension mount			

High Borosilicate Glass LED Tri-Proof Light

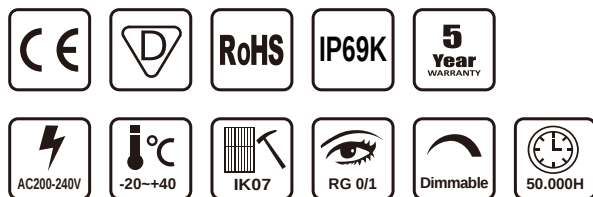
Features

- IP67 & IP69K & IK07
- High borosilicate glass, chemical resistant
- High corrosion resistance, high hardness, acid and alkali resistant
- Against water pressure of 100bar (1450psi) and temperature of 80°C
- High borosilicate glass has a very low thermal expansion coefficient and high temperature resistance, and the instantaneous temperature difference is -20°C - 150°C (under the temperature mutation within 200 degrees), which is not easy to burst
- Meet the food-grade standards
- System efficiency up to 140lm/W & 150lm/W
- High CRI>80
- Environmentally friendly, no mercury, no UV, no IR
- 5 year warranty
- Wide beam angle 120°
- Quick start instant 100% luminous flux
- Certificate: CE, RoHS certified
- Surface mount or suspension mount



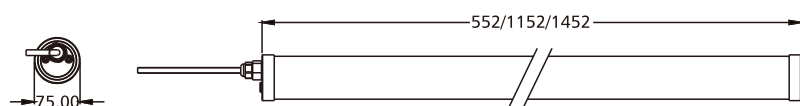
Applications

- Car parks
- Ships
- Food processing
- Poultry lighting
- Farm lighting
- Water treatment plants
- Island city
- Desert city
- Wetland environment
- War industry
- Railway stations
- Car washing
- Airports
- Inspection pits
- Tunnels
- Port installations
- Smelting factory
- Chemical plant
- Outdoor mining
- Hospital

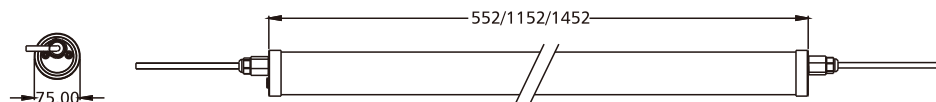




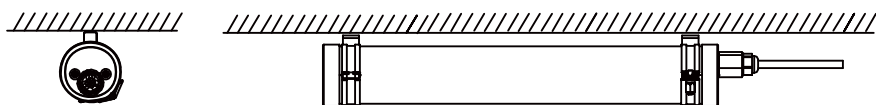
Single Installation



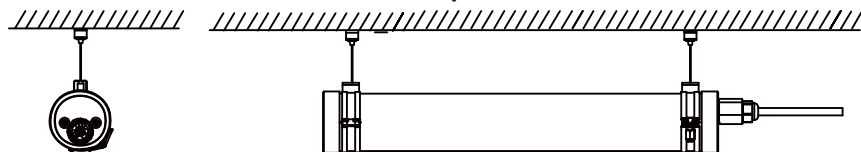
Linkable Installation



Surface Mount



Suspension Mount



Specifications

Product Code	TBL92F-20W	TBL94F-40W	TBL95F-50W	TBL95F-60W
Power	20W	40W	50W	60W
Input Voltage	200-240VAC / 100-277VAC (50/60Hz)			
Input Current	0.09A@220VAC	0.19A@220VAC	0.23A@220VAC	0.28A@220VAC
PF	0.90@220VAC			
Dimming Option	0-10V / DALI			
CCT	3000K / 4000K / 5000K / 6000K			
Luminous Flux	2800Lm	5600Lm	7000Lm	8400Lm
Efficiency	140Lm/W±5% (Ra>80)			
Luminous Flux	3000Lm	6000Lm	7500Lm	9000Lm
Efficiency	150Lm/W±5% (Ra>80)			
LED Brand	Lumileds / Hongli 2835			
Beam Angle	120°			
Operation Temp	-20°C~+40°C			
Storage Temp	-20°C~+60°C			
Life Span	Ta 40°C L70>54000 hours			
IP Class	IP67 & IP69K			
IK Class	Glass IK07			
Certificate	CE, RoHS, CB, IK07, IP69K			
Lamp Body Color	Glass transparent & 304 / 316 stainless steel end caps			
Product Size (mm)	Ø75*552	Ø75*1152	Ø75*1452	Ø75*1452
Packing Size (mm)	730*345*240	1330*345*240	1630*345*240	1630*345*240
Quantity / Carton	9PCS	6PCS	6PCS	6PCS
Gross Weight (kg) ±0.3	13	12	14	14
Installation Mode	Surface mount / Suspension mount			

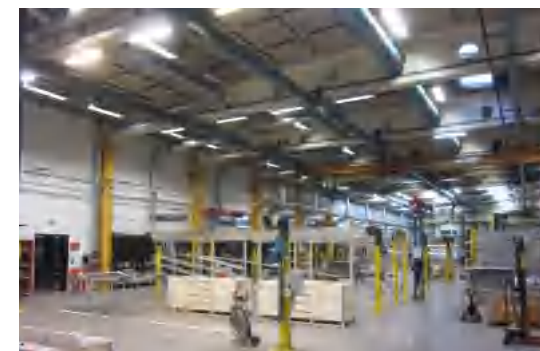
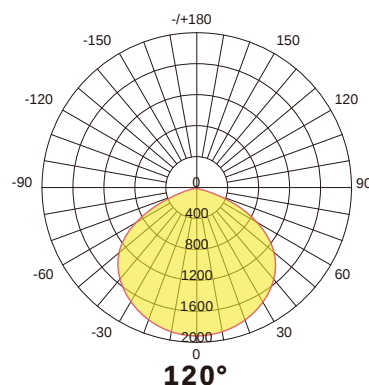
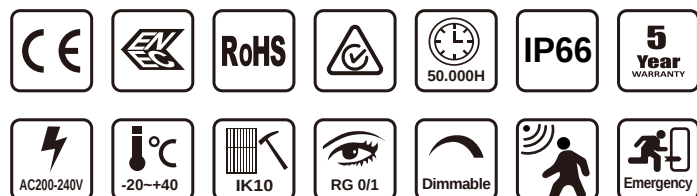
Features

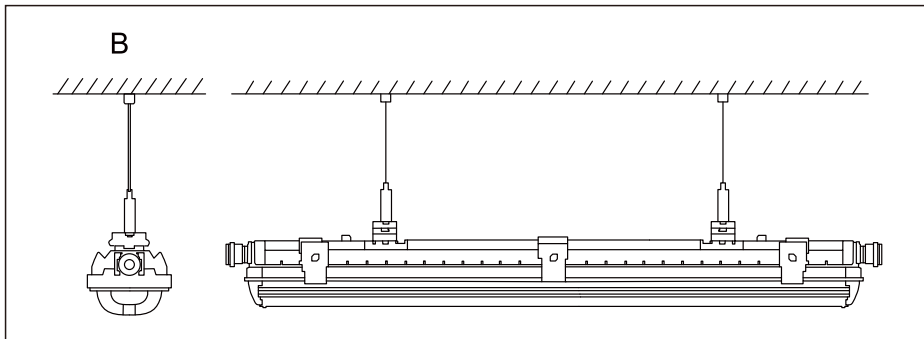
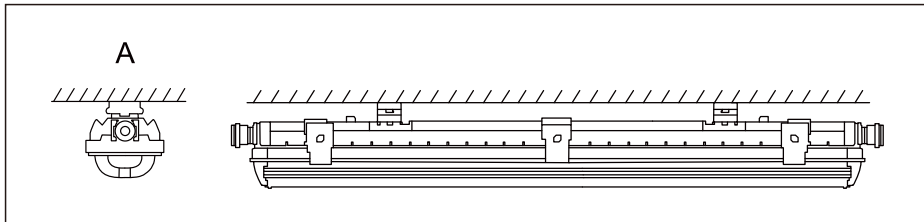
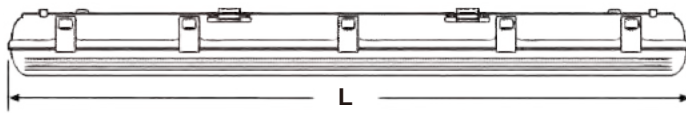
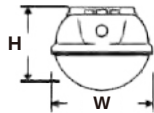
- IP66, IK10
- Stainless steel clips & safety rope
- 5*2.5mm² through wiring
- Isolated flicker free driver
- 140 ~ 160lm/W system efficiency, CRI>80
- PC cover & PC base (V2)
- Self-test emergency with LiFePO4 battery option
- Microwave sensor options (wireless control)
- Ambient temperatures: -20°C ~ +40°C
- 5 year warranty, CE, RoHS, ENEC, RCM certified
- Options: 1-10V, motion sensor, DALI, emergency
- Surface mount or suspension mount



Applications

- Workshops
- Supermarket
- Warehouse
- Storage
- School lighting
- Car parking lighting





Specifications

Product Code	TBL10A2F-18W-K	TBL10A4F-36W-K	TBL10A5F-50W-K	TBL10A5F-60W-K
Power	18W	36W	50W	60W
Input Voltage	200-240VAC / 100-277VAC (50/60Hz)			
PF	0.9A@220VAC			
Dimming Option	0-10V / DALI, MW sensor, emergency			
CCT	3000K / 4000K / 5000K / 5700K			
Luminous Flux	2520Lm	5040Lm	7000Lm	8400Lm
Efficiency	140Lm/W±5% (Ra>80)			
Luminous Flux	2880Lm	5760Lm	8000Lm	9600Lm
Efficiency	160Lm/W±5% (Ra>80)			
LED Brand	Lumileds / Hongli 2835			
Beam Angle	120°			
Operation Temp	-20°C~+40°C			
Storage Temp	-20°C~+60°C			
Life Span	Ta 40°C L70>54000 hours			
IP Class	IP66			
IK Class	IK10			
Certificate	SAA, RCM, ENEC, CE, RoHS			
Lamp Body Color	PC Base (Grey) + PC Cover (Milky)			
Product Size (mm)	600*95*83	1200*95*83	1500*95*83	1500*95*83
Packing Size (mm)	690*335*300	1290*335*210	1590*335*210	1590*335*210
Quantity / Carton	9PCS	6PCS	6PCS	6PCS
Gross Weight (kg) ±0.3	13	15	19	19
Installation Mode	Surface mount / Suspension mount			

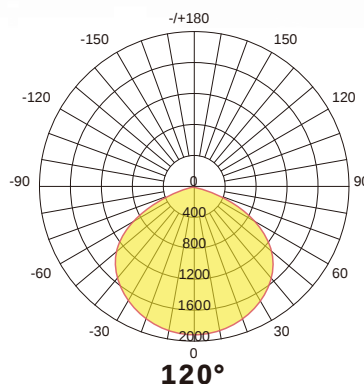
Features

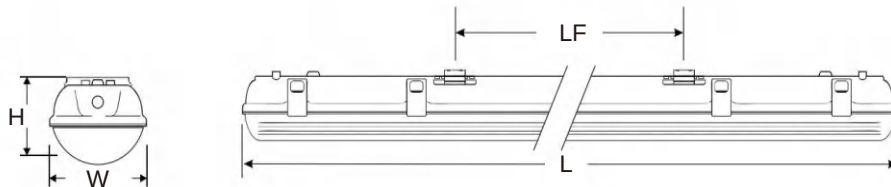
- IP65, IK08
- Stainless steel clips
- Isolated flicker free driver
- 140lm/W / 160lm/W system efficiency, CRI>80
- PC milky cover
- Self-test emergency with LiFePO4 battery optional
- Microwave sensor options (wireless control)
- Ambient temperature: -20°C ~ +40°C
- 5 year warranty, CE, RoHS certified
- Options: 0-10V, motion sensor, DALI, emergency
- Surface mount or suspension mount



Applications

- Workshops
- Supermarket
- Warehouse
- Storage
- School lighting
- Car parking lighting





Specifications

Product Code	TBL10A2F-18W-O	TBL10A4F-36W-O	TBL10A5F-50W-O	TBL10A5F-60W-O
Power	18W	36W	50W	60W
Input Voltage	200-240VAC / 100-277VAC (50/60Hz)			
Input Current	0.09A@220VAC	0.23A@220VAC	0.28A@220VAC	0.38A@220VAC
PF	0.90@220VAC			
Dimming Option	0-10V / DALI			
CCT	3000K / 4000K / 5000K / 5700K			
Luminous Flux	2520Lm / 2880Lm	5040Lm / 5760Lm	7000Lm / 8000Lm	8400Lm / 9600Lm
Efficiency	140Lm/W±5% / 160Lm/W±5% (Ra>80)			
LED Brand	Hongli 2835			
Beam Angle	120°			
Operation Temp	-20°C~+40°C			
Storage Temp	-20°C~+60°C			
Life Span	Ta 40°C L70>54000 hours			
IP Class	IP65			
IK Class	IK08			
Certificate	CE, RoHS, IK08, IP65			
Lamp Body Color	PC Base (Grey) + PC Cover (Milky)			
Product Size (mm)	600*80*72	1200*80*72	1500*80*72	1500*80*72
Packing Size (mm)	650*290*430	1250*290*260	1550*290*260	1550*290*260
Quantity / Carton	15PCS	9PCS	9PCS	9PCS
Gross Weight (kg) ±0.3	19	18	21	21
Installation Mode	Surface mount / Suspension mount			

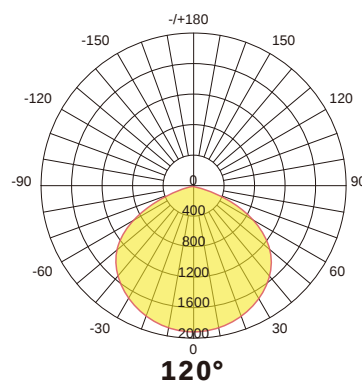
Features

- IP65 & IK08
- Wireless control: microwave sensor, PIR sensor, Zhaga socket
- 3 core & 5 core through wiring
- Dial to adjusting power and color temperature
- Housing material: PC
- System efficiency up to 140lm/W & 160lm/W
- High CRI>80
- Environmentally friendly, no mercury, no UV, no IR
- Wide beam angle 120°
- 5 year warranty
- Quick start instant 100% luminous flux
- Certificate: CE, RoHS certified
- Surface mount or suspension mount



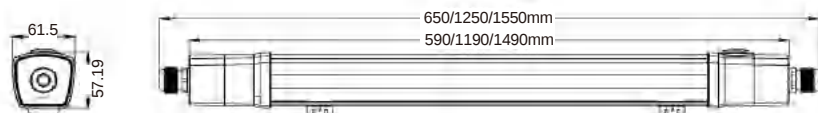
Applications

- Workshops
- Supermarket
- Warehouse
- Walkway
- School lighting
- Car parking lighting

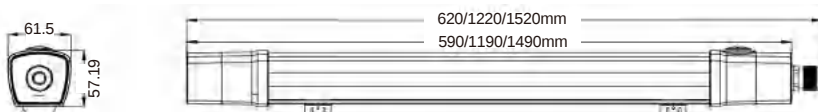




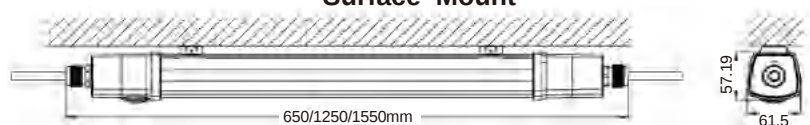
Single Installation



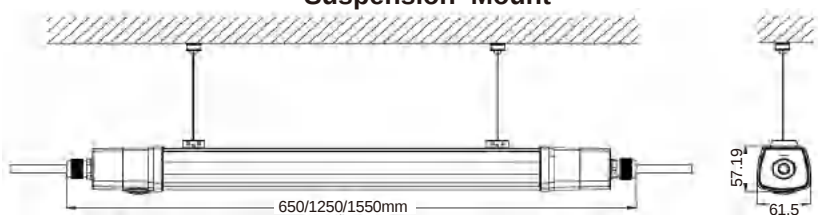
Linkable Installation



Surface Mount



Suspension Mount

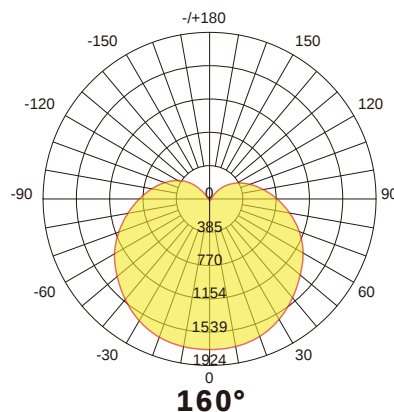
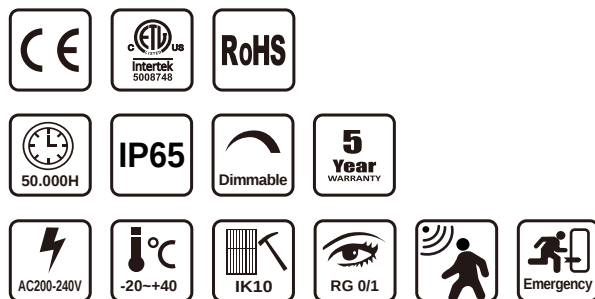
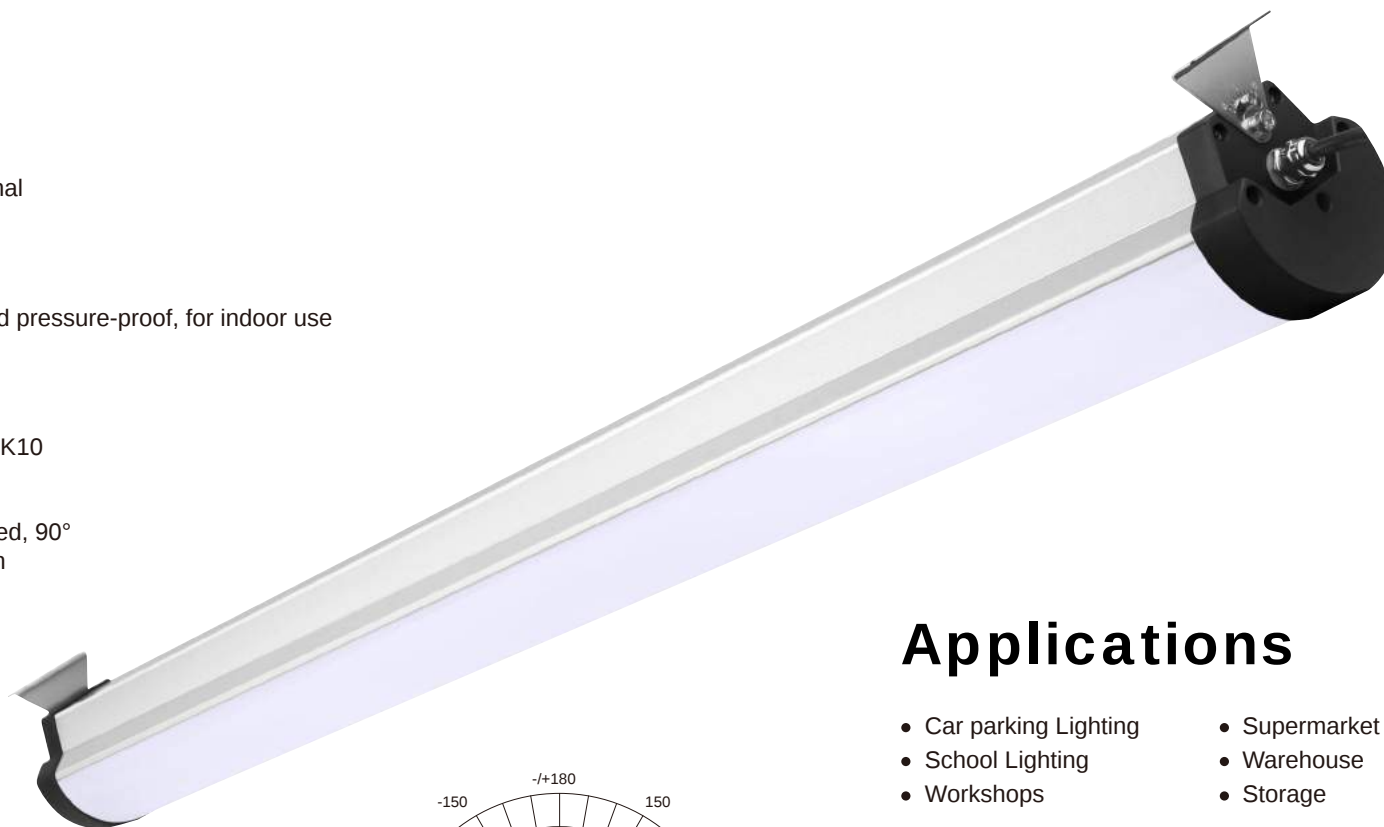


Specifications

Product Code	TBL11P2F-25W	TBL11P4F-35W	TBL11P5F-45W
Power	25W (25W/21W/18W/15W)	35W (35W/30W/25W/20W)	45W (45W/38W/32W/25W)
Input Voltage	200-240VAC / 100-277VAC (50/60Hz)		
Input Current	0.12A@220VAC	0.18A@220VAC	0.23A@220VAC
PF	0.90@220VAC		
Dimming Option	0-10V / DALI		
CCT	3000K / 4000K / 5000K / 6000K		
Luminous Flux	3500Lm	4900Lm	6300Lm
Efficiency	140Lm/W±5% (Ra>80)		
Luminous Flux	4000Lm	5600Lm	7300Lm
Efficiency	160Lm/W±5% (Ra>80)		
LED Brand	Lumileds / Hongli 2835		
Beam Angle	120°		
Operation Temp	-20°C~+40°C		
Storage Temp	-20°C~+60°C		
Life Span	Ta 40°C L70>54000 hours		
IP Class	IP65		
IK Class	PC IK08		
Certificate	CE, RoHS, IK08		
Lamp Body Color	Milky PC		
Product Size (mm)	650*58*62	1250*58*62	1550*58*62
Individual Package Size (mm)	660*65*65	1260*65*65	1560*65*65
Packing Size (mm)	680*215*215	1280*215*215	1580*215*215
Quantity / Carton	9PCS	9PCS	9PCS
Gross Weight (kg) ±0.3	12	12	14
Installation Mode	Surface mount / Suspension mount		

Features

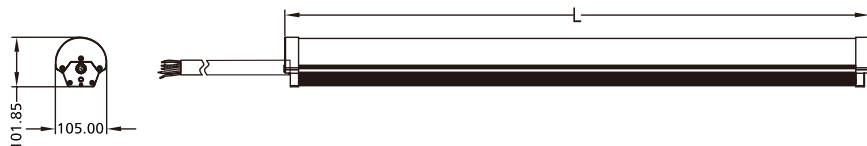
- 140lm/W standard, 170lm/W optional
- High CRI>80
- Wide beam angle 160°
- IP65 waterproof, dust corrosion and pressure-proof, for indoor use
- Aluminium housing & PC cover
- 5 year warranty
- Certificate: CE, RoHS, ETL, DLC, IK10
- Optional: 1-10V, DALI dimming
- Hanging mount accessories included, 90° adjustable mounting clips for option



Applications

- Car parking Lighting
- School Lighting
- Workshops
- Supermarket
- Warehouse
- Storage

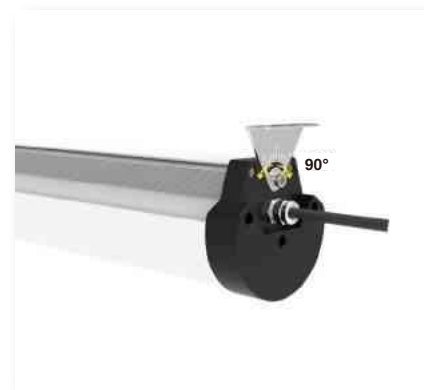
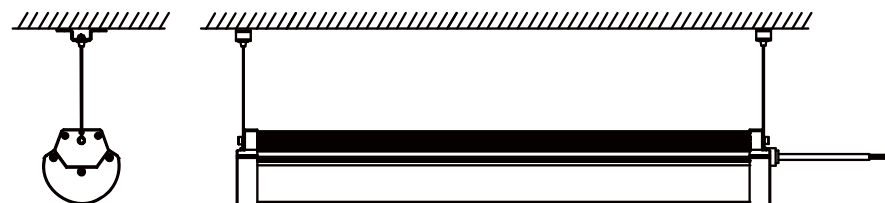




Surface Mount



Suspension Mount



Specifications

Product Code	TBF2F-20W	TBF4F-40W	TBF4F-60W	TBF5F-60W	TBF5F-80W	TBF5F-100W
Power	20W	40W	60W	60W	80W	100W
Input Voltage	200-240VAC / 100-277VAC (50/60Hz)					
PF	0.90@220VAC					
Dimming Option	0-10V / DALI					
CCT	3000K / 4000K / 5000K / 6000K					
Luminous Flux	2800Lm	5600Lm	8400Lm	8400Lm	11200Lm	14000Lm
Efficiency	140Lm/W±5% (Ra>80)					
Luminous Flux	3400Lm	6800Lm	10200Lm	10200Lm	13600Lm	17000Lm
Efficiency	170Lm/W±5% (Ra>80)					
LED Brand	Lumileds / Hongli 2835					
Beam Angle	160°					
Operation Temp	-20°C~+40°C					
Storage Temp	-20°C~+60°C					
Life Span	Ta 40°C L70>54000 hours					
IP Class	IP65					
IK Class	IK10					
Certificate	CE, RoHS, DLC, ETL					
Lamp Body Color	Silver aluminium housing + Milky PC cover					
Product Size (mm)	600*105*127	1200*105*127		1500*105*127		
Packing Size (mm)	690*245*245	1290*245*245		1590*245*245		
Quantity / Carton	4PCS	4PCS		4PCS		
Gross Weight (kg) ±0.3	15	19		19		
Installation Mode	Surface mount / Suspension mount					

LED High Bay / Low Bay Light





Smart LED High Bay Light F12
PAGE 45-46



IP69K Food Processing High Bay F10
PAGE 47-48



High-temp Ambient High Bay F9H
PAGE 49-50



LED Linear High Bay Light G1
PAGE 51-52



LED Linear High Bay Light G2
PAGE 53-54



UGR<19 LED Linear High Bay Light G2 DXG
PAGE 55-56



LED Linear Industrial Light L16
PAGE 57-58

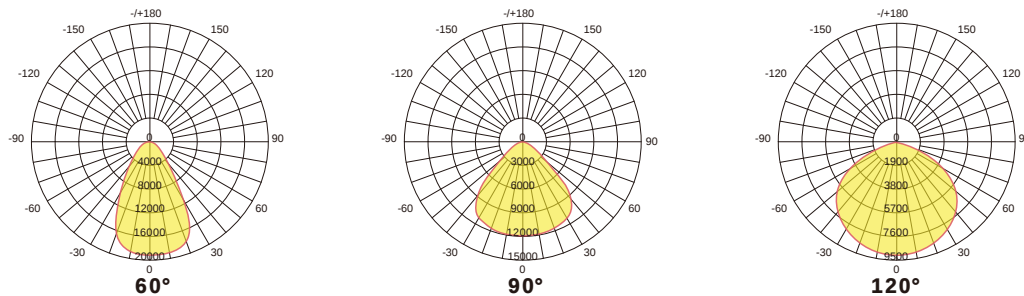
Features

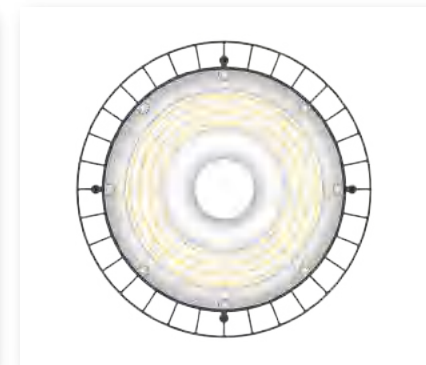
- Wattage: 200W (dimming to 150W / 100W)
- Color temperature adjustable
- Lighting efficiency: 150LM/W (Ra80) / 170LM/W (Ra80) / 190LM/W (Ra70)
- Beam angle: 60° 90° 120°
- Protection grade: IP65 IK08
- Operation environment: -40°C ~ 50°C, life span 50,000 hours
- Power protection: short circuit protection / overvoltage protection / over temperature protection
- Dimming control: 0-10V/PWM
- Installation: suspension mount / wall mount
- Controller selecting: single lamp microwave sensors / group microwave



Applications

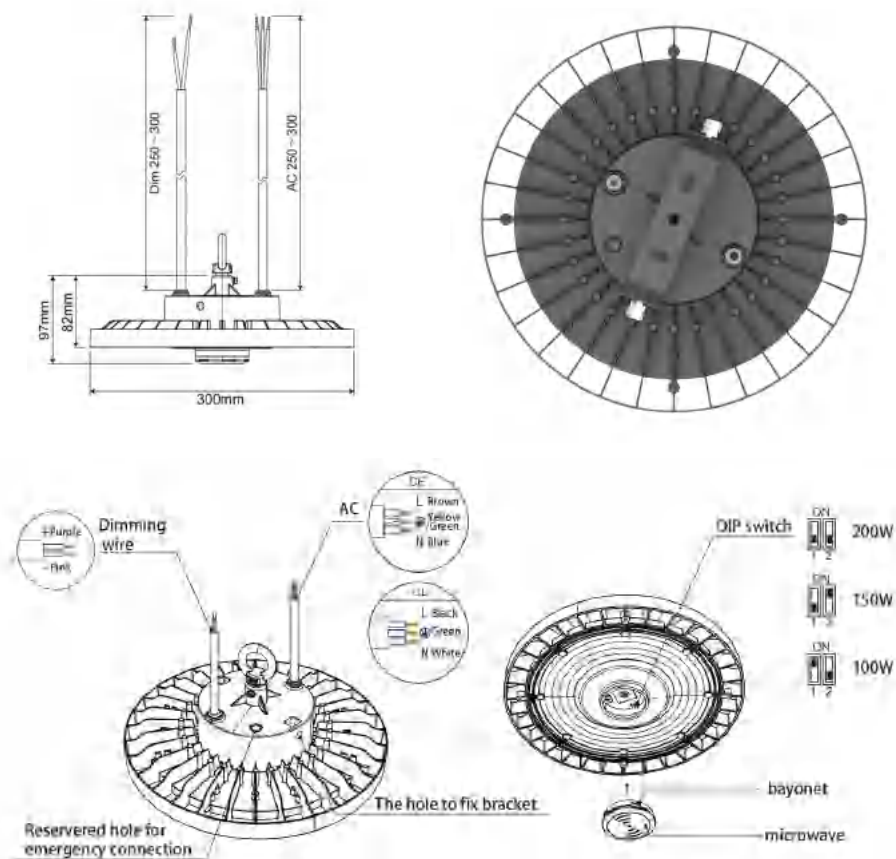
- Sports lighting
- Storage
- Warehouse





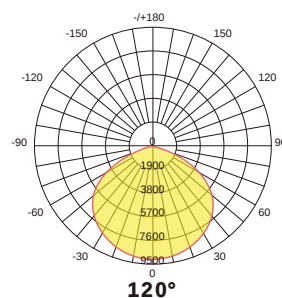
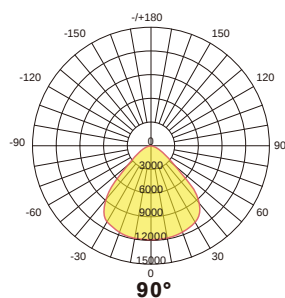
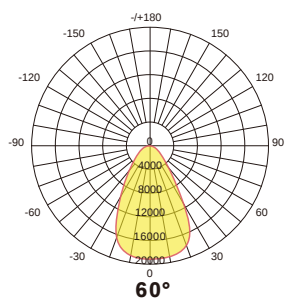
Specifications

Product Code	TBF12-200W
Power	200W (adjustable 150W / 100W)
Input Voltage	100-277VAC (50/60Hz)
Input Current	0.91A / 220VAC
PF	0.95@220VAC
Dimming	3 in dimming (PWM, 0-10V, resistor), Power dial or internal microwave controller
Dimming DC 12V Driver	12VDC $\pm$ 10%, Max current 200mA (Dimming: External control and built-in microwave control can only be used, only use in 12V)
CCT	4000K / 5000K / 5700K
Luminous Flux	30000Lm
Efficiency	150Lm/W $\pm$ 10% (Ra>80 5000K)
Luminous Flux	34000Lm
Efficiency	170Lm/W $\pm$ 5% (Ra>80 5000K)
Luminous Flux	38000Lm
Efficiency	190Lm/W $\pm$ 5% (Ra>70 5000K)
Light Type	SMD 3030 or SMD 2835
Working Temperature	-40~+50°C
Storage Temperature and Humidity	-40~85°C, 10~95% RH non-condensing
Life Span	50000 hours
Surge Lighting Stroke	6KV / 10KV
IP/IK Class	IP65 / IK08
Certificate	Accord with ETL, CB, CE, PSE, SAA, RoHS 2.0
Materials Color	Housing: die-casting aluminium Housing color: Black (RAL9005) Optics lens: PC
Product Size (mm)	$\varnothing$ 300*102
Packing Size (mm)	360*145*340
Quantity / Carton	1PCS
Gross Weight (kg) $\pm$ 0.3	4.2
Installation Mode	Suspending / wall mounted (reference the instruction)



Features

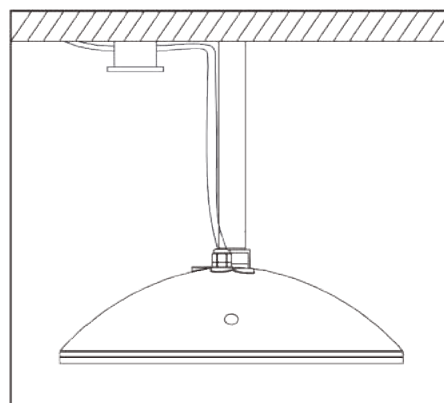
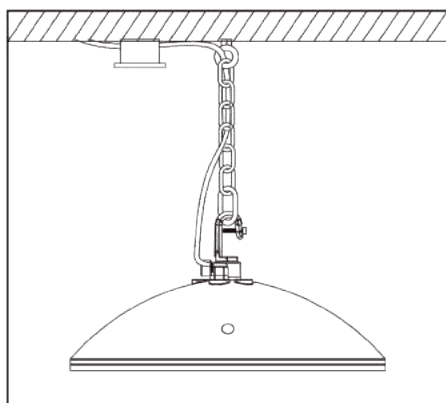
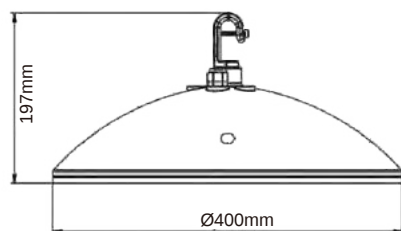
- IP69K IK10
- High output LED's, up to 140lm/W standard, 160lm/W options
- CRI>70 standard (80 / 90 option)
- Isolated driver with overheat protection, high PF>0.9, low THD, flicker free
- Environmentally friendly, no mercury, no UV
- 60° 90° 120° beam angle
- Quick start instant 100% luminous flux
- 5 year warranty
- Certificate: CE, RoHS
- Housing material: aluminium alloy
- Stainless steel screws
- Options: 1-10V, DALI dimming



Applications

- Food processing
- Beverage
- Garden centers
- Industrial facilities





Specifications

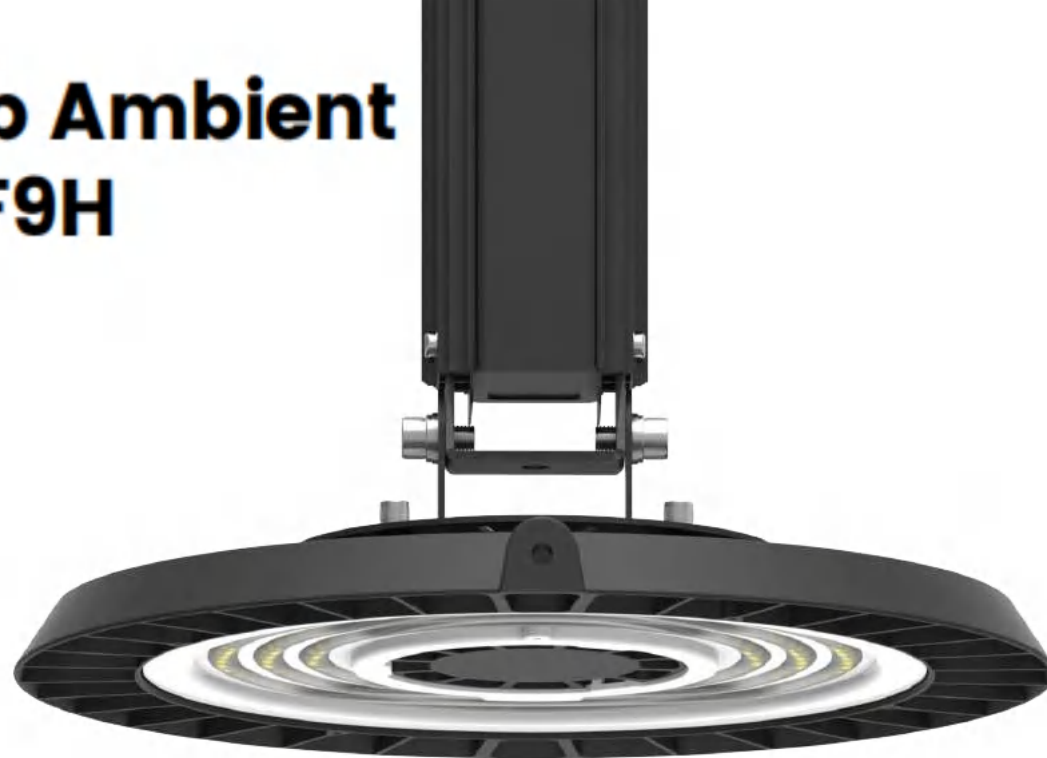
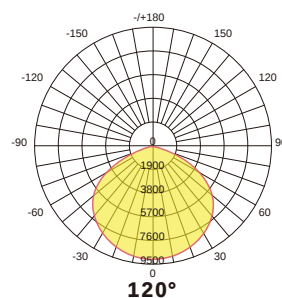
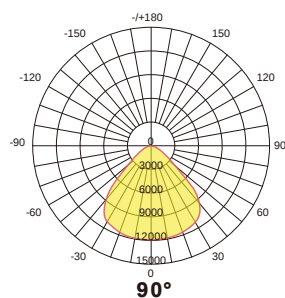
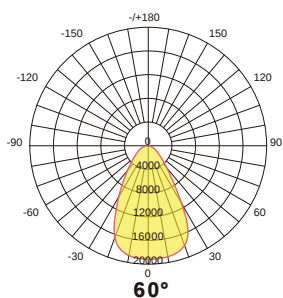
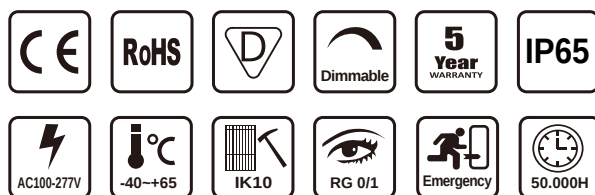
Product Code	TBF10-100W	TBF10-120W	TBF10-150W
Power	100W	120W	150W
Input Voltage	90-305VAC		
Input Current	0.47A	0.57A	0.68A
PF	>0.90		
Dimming	0-10V / DALI dimming		
CCT	3000K / 4000K / 5000K / 6000K		
Luminous Flux	14000Lm	16800Lm	21000Lm
Efficiency	140Lm/W±5% (Ra>80 5000K)		
Luminous Flux	15000Lm	18000Lm	22500Lm
Efficiency	150Lm/W±5% (Ra>70 5000K)		
LED Brand	3030		
Beam Angle	60°/ 90°/ 120°		
Operation Temp	-40°C~+45°C		
Storage Temp	-40°C~+85°C		
Life Span	Ta 45°C L70>54000 hours		
IP Class	IP69K		
IK Class	IK10		
Certificate	CE, RoHS		
Lamp Body Color	Gray (RAL9007)		
Product Size (mm)	Ø 400*197		
Net Weight (kg) ±0.3	5.8		
Packing Size (mm)	470*470*210		
Gross Weight (kg) ±0.3	6.8		
Installation Mode	Hook / Pendant mount		

TUBU

High-temp Ambient High Bay F9H

Features

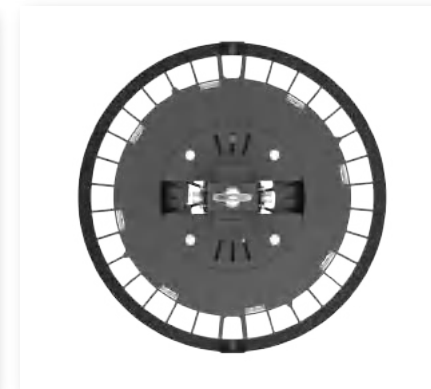
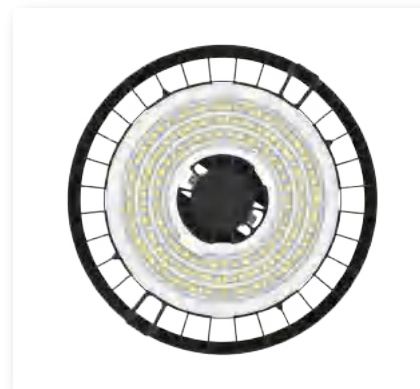
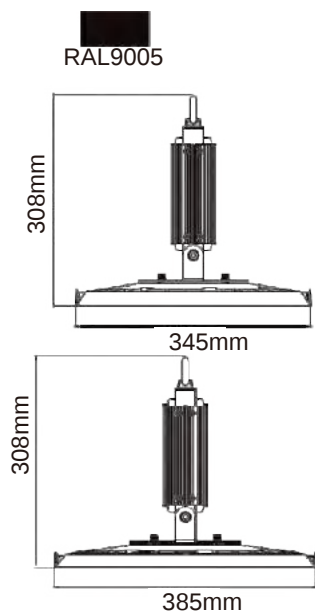
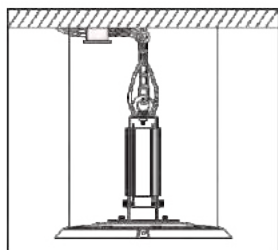
- Hi-temp ambient up to 65°C
- High output LED's, up to 160lm/W
- CRI>70
- Driver high PF>0.9, low THD, flicker free
- Environmentally friendly, no mercury, no UV, no IR
- 60° 90° 120° beam angle
- Quick start instant 100% luminous flux
- 5 year warranty
- Certificate: CE, RoHS
- Housing material: aluminium alloy
- Stainless steel screws
- Options: 1-10V, DALI dimming



Applications

- High temperature industrial area





Specifications

Product Code	TBF9-100W-H	TBF9-150W-H
Power	100W	150W
Input Voltage	200-240VAC (50/60Hz)	
Input Current	0.45A@230VAC	0.68A@230VAC
PF	>0.90	
Dimming	0-10V / DALI dimming	
CCT	3000K / 4000K / 5000K / 6000K	
Luminous Flux	15000Lm	22500Lm
Efficiency	150Lm/W±5% (Ra>80 5000K)	
Luminous Flux	16000Lm	24000Lm
Efficiency	160Lm/W±5% (Ra>70 5000K)	
LED Brand	3030	
Beam Angle	60° / 90° / 120°	
Operation Temp	-40°C~+65°C	
Storage Temp	-40°C~+85°C	
Life Span	Ta 65°C L70>54000 hours	
IP Class	IP65	
IK Class	IK10	
Certificate	CE, RoHS	
Lamp Body Color	Black (RAL9005)	
Product Size (mm)	Ø345*308	Ø385*308
Net Weight (kg) ±0.1	3.35	3.7
Packing Size (mm)	384*152*390	424*150*430
Gross Weight (kg) ±0.1	4.1	4.5
Installation Mode	Hook mount	

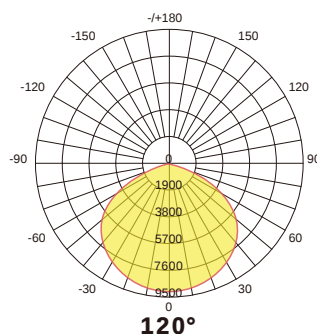
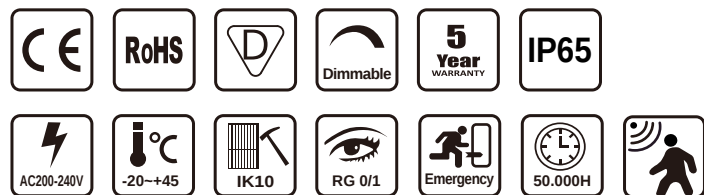
Features

- High output LED's, up to 140~160lm/W
- High CRI>80
- Brand driver TUV UL CE certified PF >0.96, THD<12
- Flicker free
- Environmentally friendly, no mercury, no UV, no IR
- IP65, indoor use
- Quick start instant 100% luminous flux
- 5 year warranty
- Certificate: CE, RoHS, SAA, C-tick
- Housing material: aluminium alloy
- Options: 1-10V, DALI dimming, microwave sensor
- Surface mount & suspension mount optional



Applications

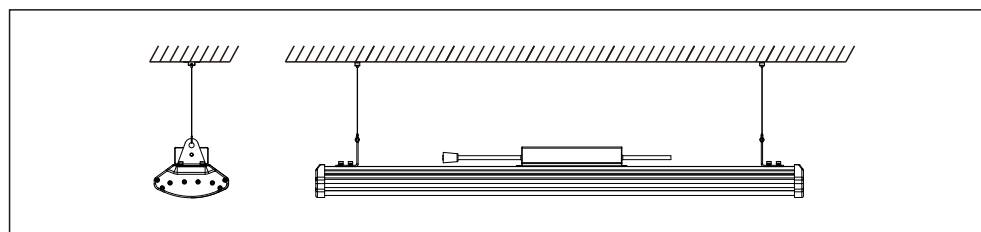
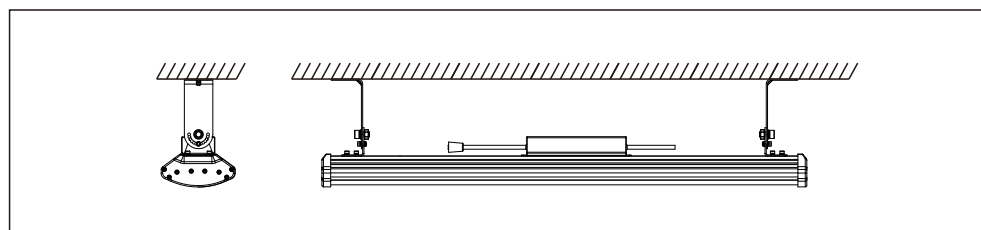
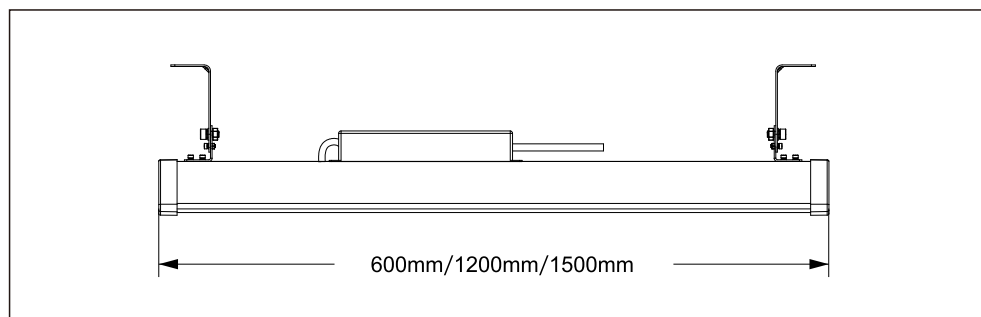
- Sports halls
- Warehouse
- Airport
- Bus station
- Supermarket
- Workshops
- Sports halls
- Exhibition halls
- Badminton court





Specifications

Product Code	TB-HT080W-G1	TB-HT150W-G1	TB-HT200W-G1
Power	80W	150W	200W
Input Voltage	200-240VAC / 100-277VAC (50/60Hz)		
PF	>0.90@220VAC		
Dimming Optional	0-10V or DALI dimming		
CCT	3000K / 4000K / 5000K / 6000K		
Luminous Flux	11200Lm	21000Lm	28000Lm
Efficiency	140Lm/W±5% (Ra>80 5000K)		
Luminous Flux	12800Lm	24000Lm	32000Lm
Efficiency	160Lm/W±5% (Ra>80 5000K)		
Light Type	SMD 2835 / 3030		
Operation Temp	-20°C~+45°C		
Storage Temp	-20°C~+60°C		
Life Span	Ta 45°C L70>54000 hours		
IP Class	IP65		
IK Class	IK10		
Certificate	CE, RoHS, SAA		
Lamp Body Color	Housing: aluminum Color: silver Lens: PC		
Product Size (mm)	600*175*75	1200*150*67	1500*150*67
Packing Size (mm)	650*250*220	1250*250*220	1550*250*220
Quantity / Carton	2PCS	2PCS	2PCS
Gross Weight (kg)	9kg	16kg	18kg
Installation Mode	Surface mount, Suspension mount		



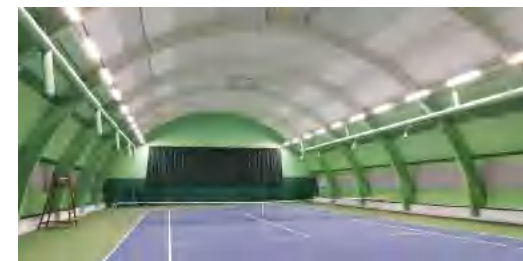
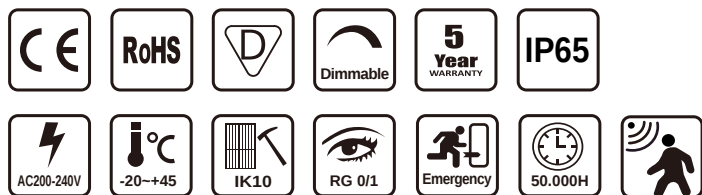
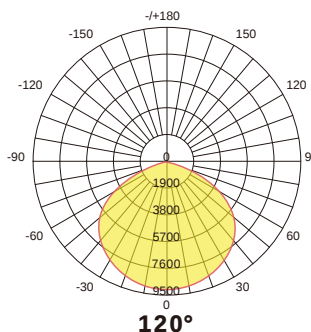
Features

- High output LED's, up to 140~160lm/W
- High CRI>80
- Brand driver, TUV UL CE certified, PF>0.96, THD<12
- Flicker free
- Environmentally friendly, no mercury, no UV, no IR
- IP65, indoor use
- Quick start instant 100% luminous flux
- 5 year warranty
- Optional: 1-10V, DALI dimming, microwave
- Surface mount & suspension mount optional
- Certificate: CE, RoHS, SAA, C-Tick



Applications

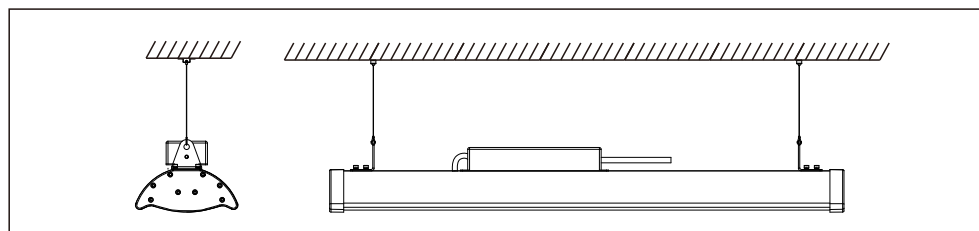
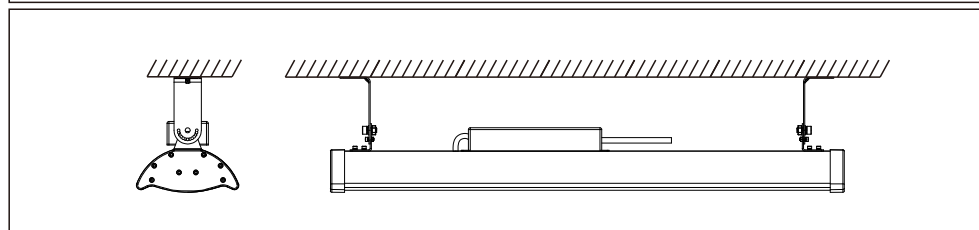
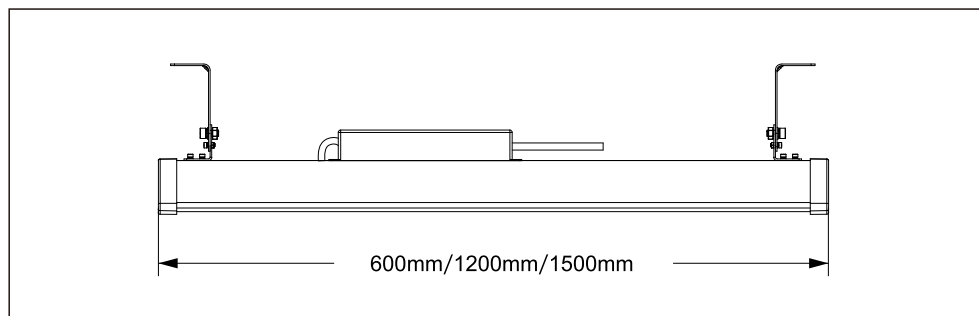
- Factories
- Airport
- Bus station
- Warehouse
- Workshops
- Supermarket
- Sports halls
- Exhibition halls
- Badminton court





Specifications

Product Code	TB-HT080W-G2	TB-HT150W-G2	TB-HT200W-G2
Power	80W	150W	200W
Input Voltage	200-240VAC / 100-277VAC (50/60Hz)		
PF	>0.9@220VAC		
Dimming (Optional)	0-10V / DALI dimming		
CCT	3000K / 4000K / 5000K / 6000K		
Luminous Flux	11200Lm	21000Lm	28000Lm
Efficiency	140Lm/W±5% (Ra>80 5000K)		
Luminous Flux	12800Lm	24000Lm	32000Lm
Efficiency	160Lm/W±5% (Ra>80 5000K)		
Light Type	SMD 2835 / 3030		
Operation Temp	-20°C~+45°C		
Storage Temp	-20°C~+60°C		
Life Span	Ta 45°C L70>54000 hours		
IP Class	IP65		
IK Class	IK10		
Certificate	CE, RoHS, SAA		
Lamp Body Color	Housing: aluminum Color: silver Lens: PC		
Product Size (mm)	600*175*75	1200*175*75	1500*175*75
Packing Size (mm)	650*250*220	1250*250*220	1550*250*220
Quantity / Carton	2pcs	2pcs	2pcs
Gross Weight (kg)	9kg	16kg	18kg
Installation Mode	Surface mount / Suspension mount		



UGR<19 LED Linear High Bay Light G2 DXG

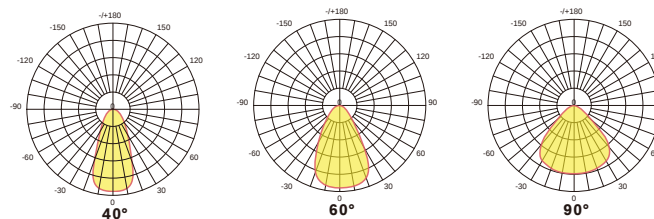
Features

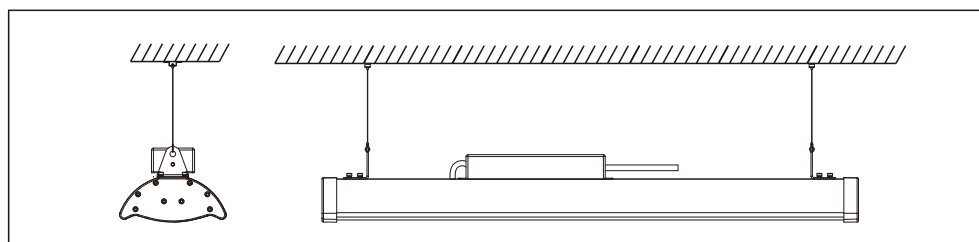
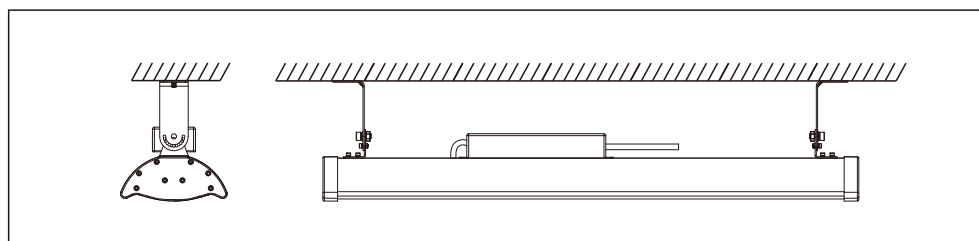
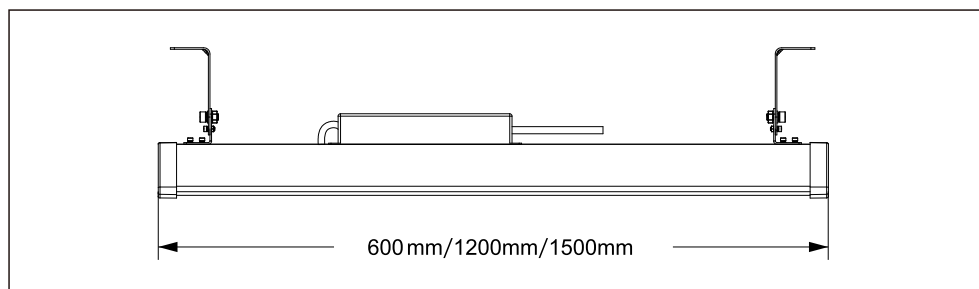
- High output LED's, up to 130lm/W, LM80 certified light source
- High CRI>80
- Brand driver, TUV UL CE certified, PF>0.96, THD<12
- Flicker free
- Environmentally friendly, no mercury, no UV, no IR
- IP65, indoor & outdoor using
- Quick start instant 100% luminous flux
- 5 year warranty
- Certificate: CE, RoHS, SAA, C-Tick, IP65 report
- Options: 1-10V dimming, microwave
- Hanging mount accessories included



Applications

- Factories
- Airport
- Bus station
- Warehouse
- Workshops
- Supermark
- Sports halls
- Exhibition halls
- Badminton court





Specifications

Product Code	MG-HT150WF-DXG	MG-HT200WF-DXG
Power	150W	200W
Input Voltage	2200-240VAC	
PF	>0.9@220VAC	
Dimming (Optional)	0-10V / DALI dimming	
CCT	3000K / 4000K / 5000K / 6000K	
Luminous Flux	195000Lm	260000Lm
Efficiency	130lm/W±5% (Ra>80 5000K)	
Luminous Flux	22500Lm	30000Lm
Efficiency	150lm/W±5% (Ra>80 5000K)	
Light Type	SMD 3030 / 5050	
Operation Temp	-40°C ~ 45°C	
Storage Temp	-40°C ~ 80°C	
Life Span	Ta 45°C L70>54000 hours	
IP Class	IP65	
IK Class	IK10	
Certificate	CE, RoHS, SAA	
Lamp Body Color	Housing: aluminum Color: silver Lens: PC	
Product Size (mm)	1200*175*75	1500*175*75
Packing Size (mm)	1250*230*235	1550*230*235
Quantity / Carton	2pcs	2pcs
Gross Weight (kg)	7.8kg	8.7kg
Installation Mode	Surface mount / Suspension mount	

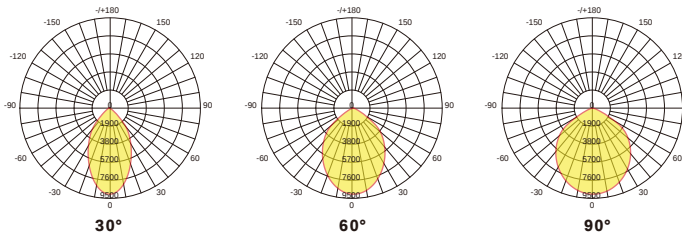
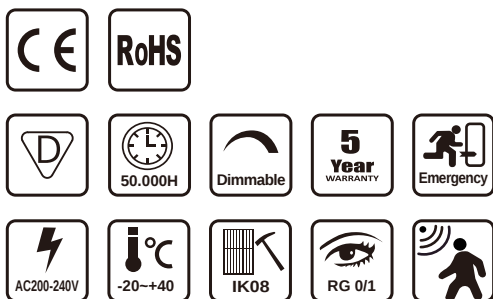
Features

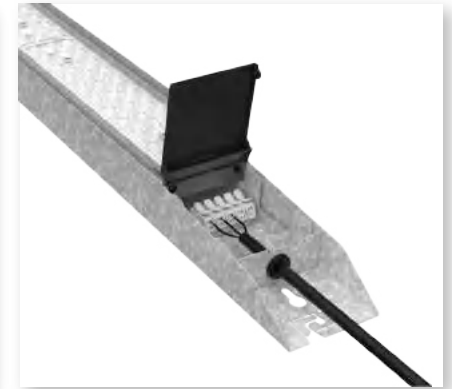
- Patented design
- System efficiency 150lm/W (170lm/W optional)
- Meanwell / Philips / Sosen Driver for option, PF>0.95
- Lumileds / Epistar 3030 SMD LED, CRI>70/80
- Available with 30° 60° 90° beam angle
- 3000K / 4000K / 5000K / 5700K / 6500K CCT
- Long life span, L70 > 50,000 hours
- Controls and dimming: DALI control & 1-10V dimming



Applications

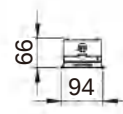
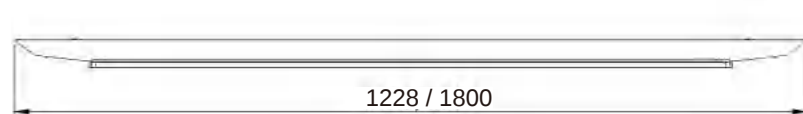
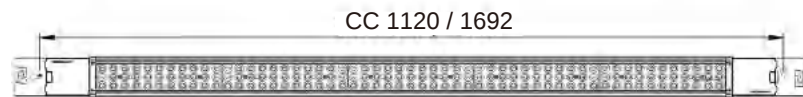
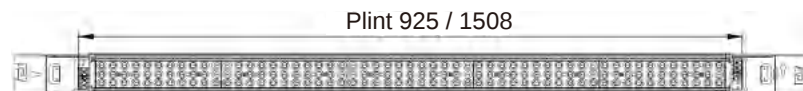
- Sports lighting
- Warehouse
- Storage
- Logistic





Specifications

Product Code	TBL16-75W	TBL16-90W	TBL16-120W
Power	75W	90W	120W
Input Voltage	200-240VAC / 100-277VAC (50/60Hz)		
Input Current	0.35A@220VAC	0.45A@220VAC	0.6A@220VAC
PF	0.90@220VAC		
Dimming Option	DALI		
CCT	3000K / 4000K / 5000K / 6000K		
Luminous Flux	11250Lm / 12750Lm	13500Lm / 15300Lm	18000Lm / 20400Lm
Efficiency	150Lm/W±5% / 170Lm/W±5% (Ra>80)		
LED Brand	SMD 3030 / 5050		
Beam Angle	30° / 60° / 90°		
Operation Temp	-20°C~+40°C		
Storage Temp	-20°C~+60°C		
Life Span	Ta 40°C L70>54000 hours		
IP Class	IP23		
IK Class	IK08		
Certificate	CE, RoHS		
Lamp Body Color	Painted (Ral 9006) galvanised steel		
Product Size (mm)	1230*94*66	1800*94*66	1800*94*66
Packing Size (mm)	1270*241*260	1840*241*185	1840*241*185
Quantity / Carton	6PCS	4PCS	4PCS
Gross Weight (kg) ±0.3	19.88	19.84	19.84
Installation Mode	Surface mount / Suspension mount		



LED Grow Light





Quantum Board LED Grow Light
PAGE 61-62



LED Grow Light Bar
PAGE 63-64

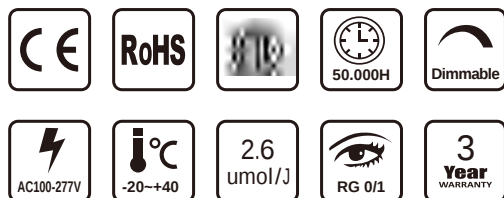
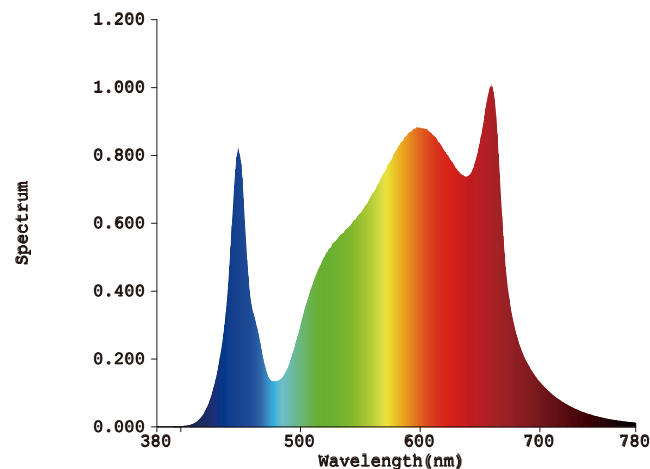
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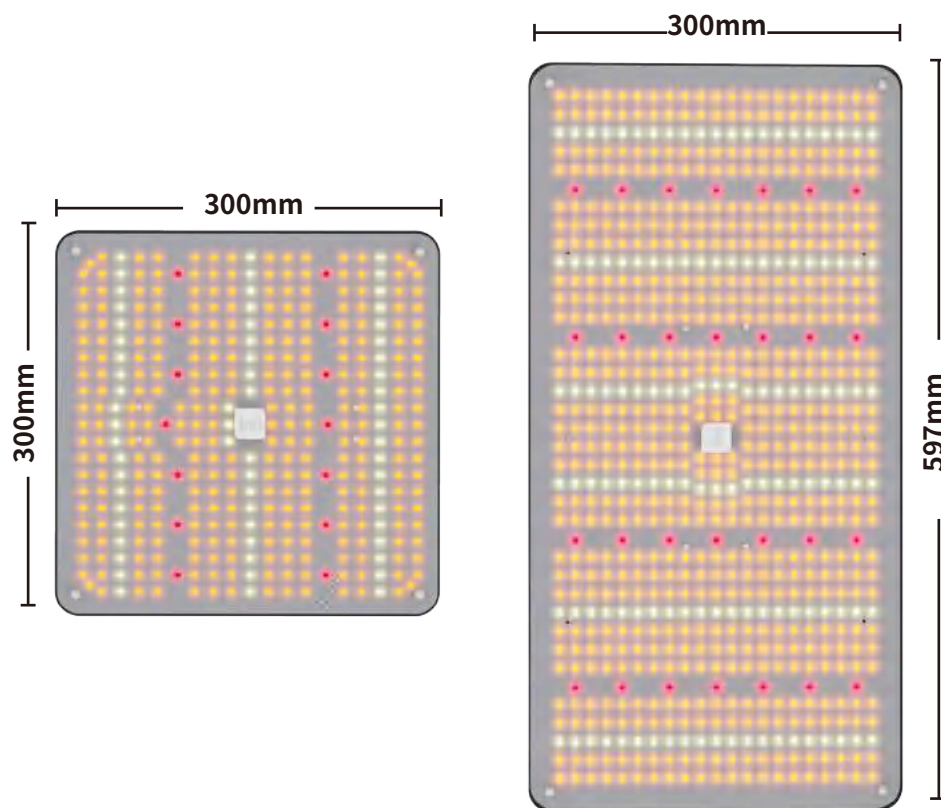
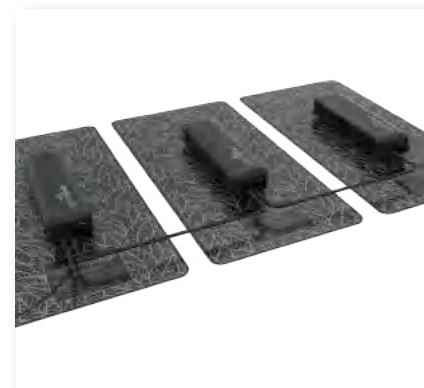
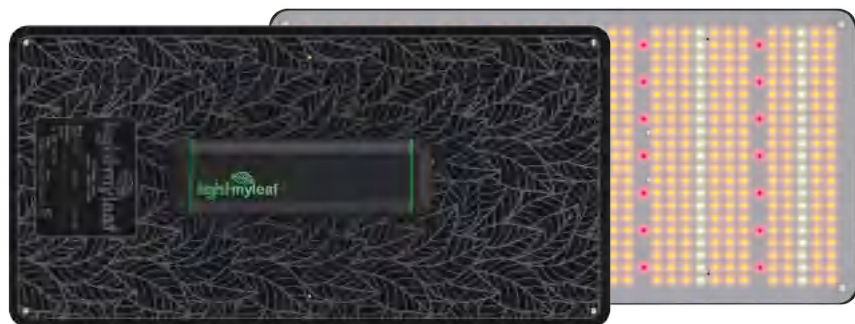
- High-efficiency full spectrum LED grow light
- Added deep red, and IR
- Save 50% on electricity costs when compared to HPS
- Waterproof IP65, for indoor growing
- Dimmable driver, with 20% ~ 100% easy dimming knob to turn on/off the lights
- Long lifespan up to L70>54,000 hours according to the calculation of the LEDs LM80 testing report
- Two adjustable hanging kits are included



Applications

- Indoor growing house





Specifications

Product Code	TBGL-120W	TBGL-240W
Power	120W	240W
Efficiency PPE	2.6umol/J	2.6umol/J
PPF Output	312umol/s	624umol/s
Power Input	100-240 VAC, 277VAC, 50-60Hz	100-240 VAC, 277VAC, 50-60Hz
Driver	Lightmyleaf	Lightmyleaf
Color	White + Red	White + Red
Dimming	0% 20% 40% 60% 80% 100%	
LED Brand	2835 / 3030 / 3535	
Beam Angle	120°	
Operation Temp	-20°C~+40°C	
Storage Temp	-20°C~+60°C	
Life Span	Ta 40°C L70>54000 hours	
IP Class	IP65	
Certificate	CE, RoHS, ETL	
Lamp Body Color	Black aluminium	
Product Size (mm)	300*300	300*597
Packing Size (mm)	320*310*80	630*310*80
Quantity / Carton	1PCS	1PCS
Gross Weight (kg) ±0.3	3.0	3.8
Installation Mode	Suspension mount	

Features

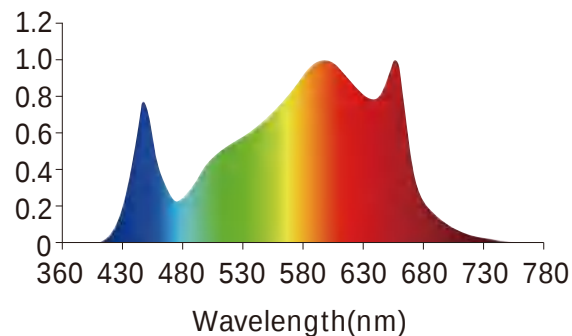
- Removable and foldable PPE 2.8umol/J vertical farming LED grow light
- Super compact design, save 50% shipping cost
- Driver & dimmer integrated design, plug & play, easy to use
- Wide range watts, 680W, 720W, 800W available
- IP65 waterproof rated, suitable for damp location
- Group control, knob dimmer and RJ14 port available
- 5 years warranty
- Customization available



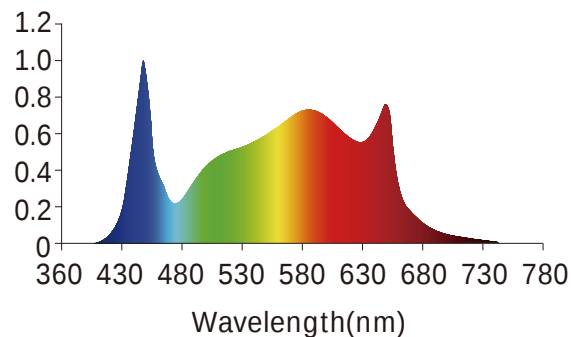
Applications

- Commercial
- Grow room
- Vertical racks

Spectrum



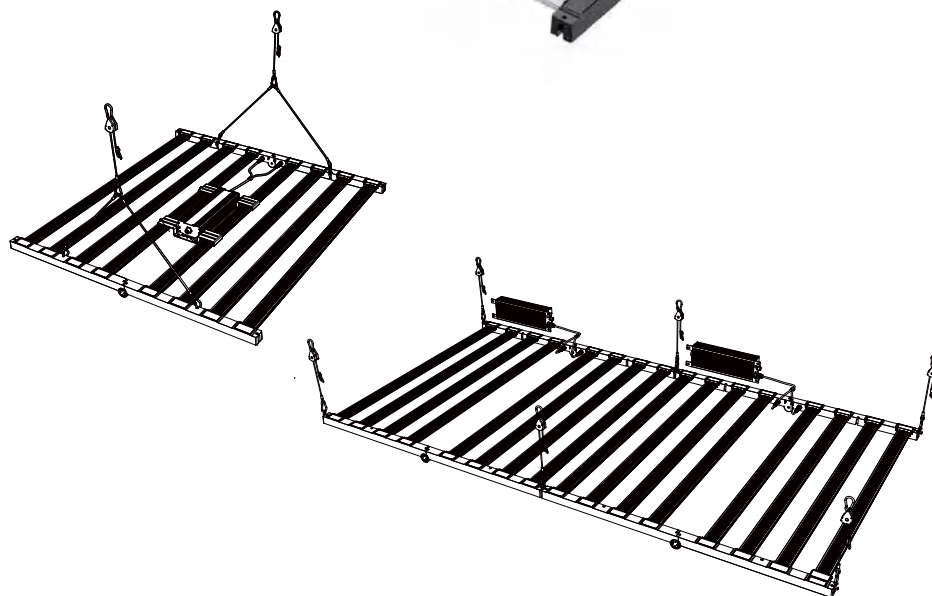
Spectrum



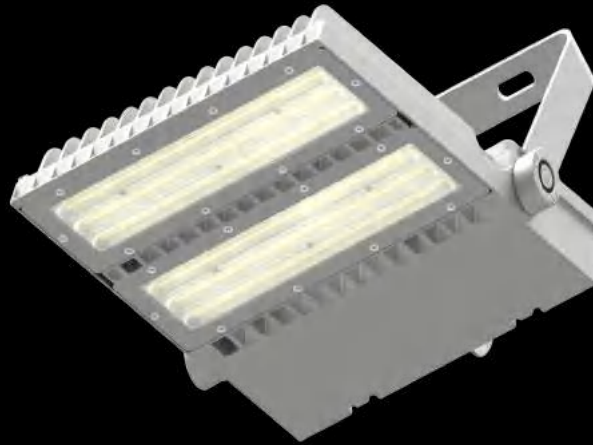


Specifications

Product Code	LM-BA-680W	LM-BA-720W	LM-BA-800W
Power	680W	720W	800W
Input Voltage	AC100-277V / AC249-528V		
Input Current	2.8A@277VAC		
PF	>0.95		
Dimming	0% 20% 40% 60% 80% 100%		
PPF	1904μmol/s	2016μmol/s	2240μmol/s
LED PPE	2.8 μmol/s/W (μmol/J)		
LED Brand	2835 / 3030		
Beam Angle	120°		
Operation Temp	-20~45 °C, 20~95% RH No condensation		
Storage Temp	-20~85°C, 10~95% RH No condensation		
Life Span	Ta 45°C L70>54000 hours		
IP Class	IP65		
Certificate	CE, RoHS, FCC, IP65		
Lamp Body Color	PC end caps with silver aluminium lamp body		
Product Size (mm)	1177*1127*59.5		
Packing Size (mm)	1198*249*183		
Quantity / Carton	1PCS		
Gross Weight (kg) ±0.3	12		
Installation Mode	Surface mount / Suspension mount		

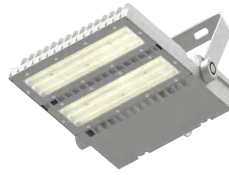


LED Flood Light





Slimline LED Flood Light TG1
PAGE 67-68



LED Area Light F3
PAGE 69-70



LED High Mast Flood Light HMG1
PAGE 71-72



High Mast LED Flood Light HMG4
PAGE 73-74

Slimline LED Flood Light TG1

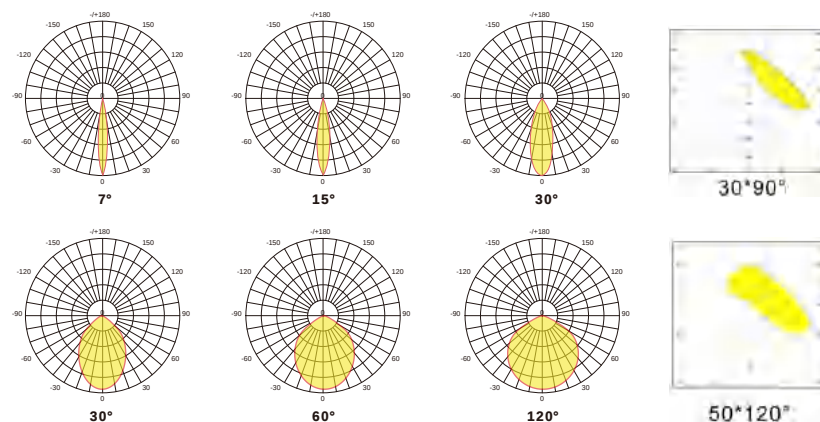
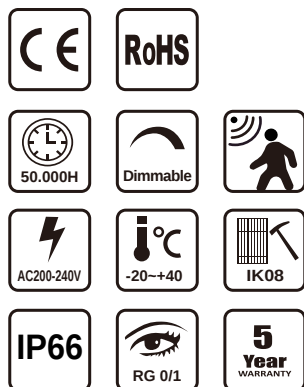
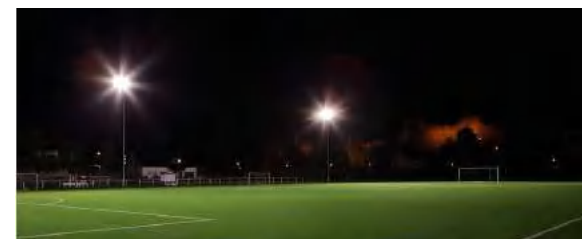
Features

- High output LED's, up to 130~150lm/W
- High CRI>70
- Lumileds LEDs
- Brand driver, TUV UL CE certificates, PF>0.96 THD<12
- 30° 60° 90° 120° 30*90° TYPE III multi beam angles for option
- Durable tempered glass front
- Environmentally friendly, no mercury, no UV no IR
- IP66, indoor & outdoor use
- Quick to install and easy to use, secure and reliable
- 5 year warranty
- Certificate: CE, RoHS



Applications

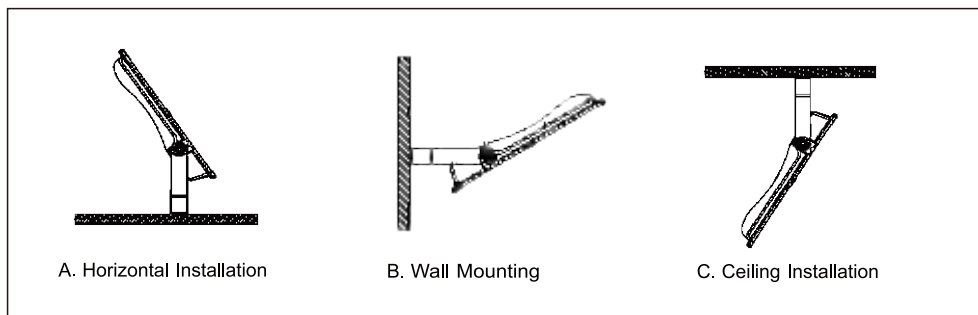
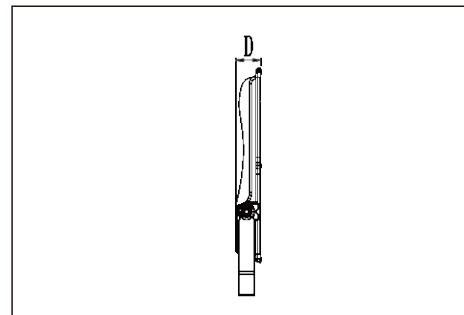
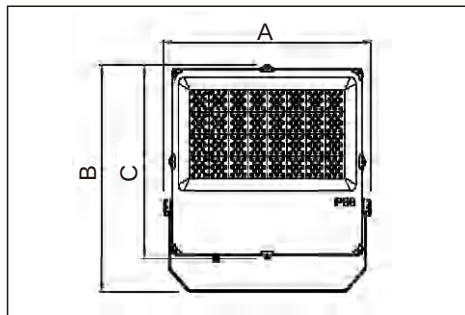
- Parking lot lighting
- Car lot lighting
- Street lighting
- Walkway lighting
- Building accent lighting
- Area & storage lighting





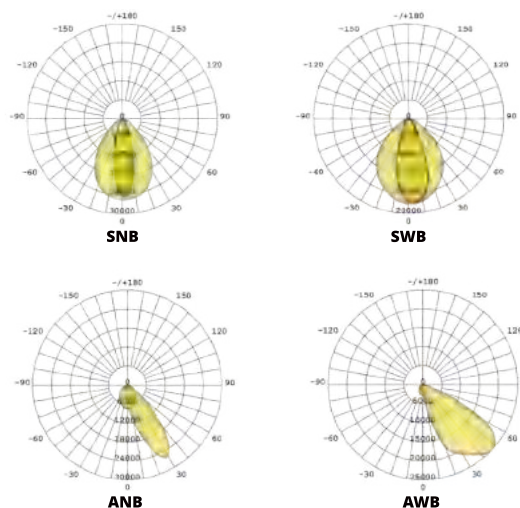
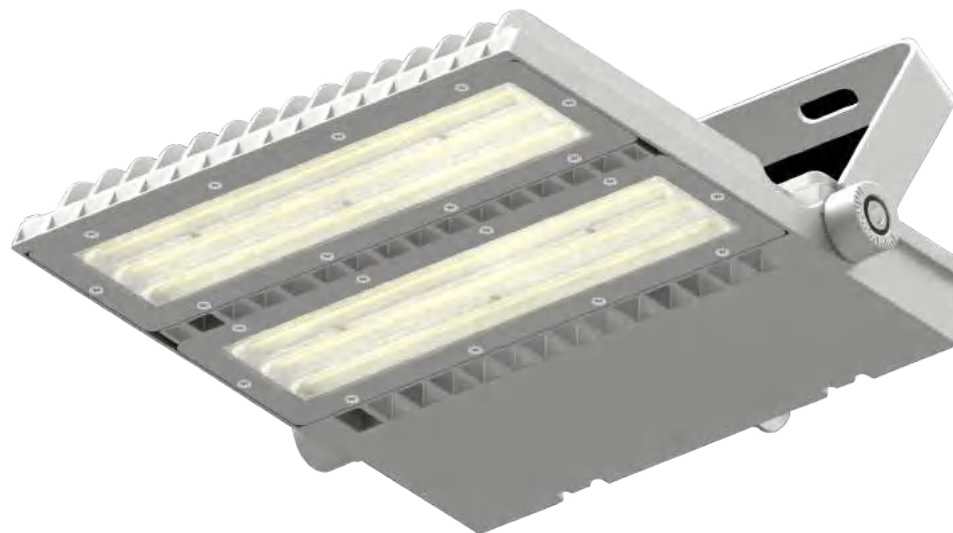
Specifications

Product Code	TBTG1-20W	TBTG1-30W	TBTG1-50W	TBTG1-100W	TBTG1-150W	TBTG1-200W	TBTG1-250W	TBTG1-300W	TBTG1-400W
Power	20W	30W	50W	100W	150W	200W	250W	300W	400W
Input Voltage	200-240VAC (50/60Hz)								
PF	>0.9@220VAC								
Dimming (Optional)	0-10V / DALI dimming								
CCT	3000K / 4000K / 5000K / 6000K								
Luminous Flux	2400lm	3600lm	6000lm	12000lm	18000lm	24000lm	30000lm	36000lm	48000lm
Efficiency	130Lm/W±5% (Ra>70 5000K)								
Luminous Flux	2600lm	3900lm	6500lm	13000lm	19500lm	26000lm	32500lm	39000lm	52000lm
Efficiency	150Lm/W±5% (Ra>70 5000K)								
LED Brand	Lumileds / Hongli								
Light Type	SMD 3030 or SMD 2835								
Operation Temp	-40°C~+45°C								
Storage Temp	-40°C~+60°C								
Life Span	Ta 45°C L70>54000 hours								
IP Class	IP66								
IK Class	IK08								
Certificate	CE, RoHS								
Lamp Body Color	Black (RAL9005)								
Product Size (mm)	122*182*47	169*248*51	228*288*52	278*364*53	394*394*56	394*445*56	394*497*58	394*497*58	545*523*65
Packing Size (mm)	405*275*220	365*270*315	475*310*315	390*305*315	440*320*115	490*420*115	540*420*115	540*420*115	580*550*115
Quantity / Carton	20pcs	10pcs	10pcs	5pcs	1pcs	1pcs	1pcs	1pcs	1pcs
Gross Weight (kg)	16kg	12kg	18kg	13kg	5.6kg	6.6kg	8.1kg	8.6kg	12.3kg
Installation Mode	Horizontal installation / Wall mounting / Ceiling installation								



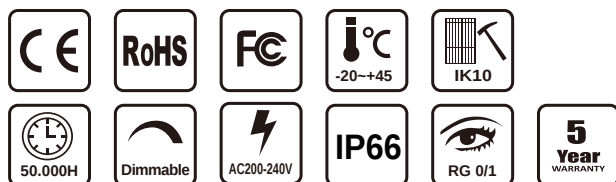
Features

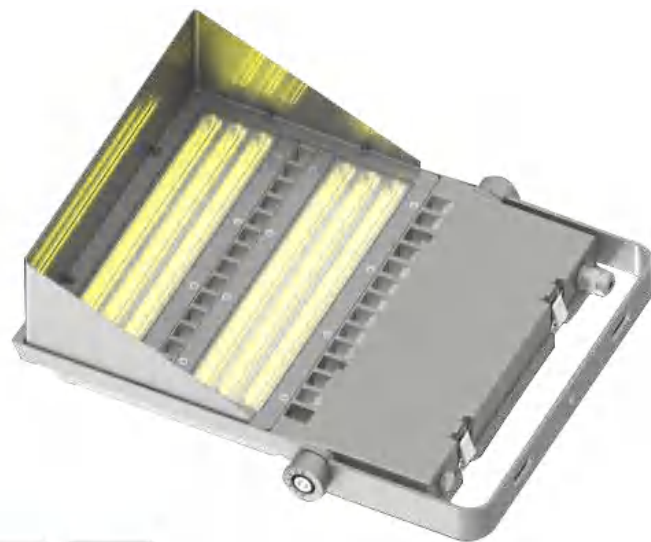
- High output LED's, up to 130~140lm/W
- Brand driver, high PF>0.96 low THD driver, flicker free
- Environmentally friendly, no mercury, no UV, no IR
- 4 different beam angles cover 90% application
- ANB: 32°*84° Tilt 30° / AWB: 50°*88° Tilt 45° / SNB: 25°*75° / SWB: 36°*88°
- IP66 protection rating; for indoor & outdoor use
- Quick start instant 100% luminous flux
- 5 year warranty
- Certificate: CE, RoHS
- Housing material: aluminium alloy
- Stainless steel screws
- Options: 0-10V / DALI dimming



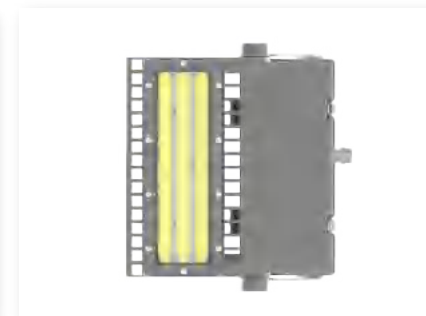
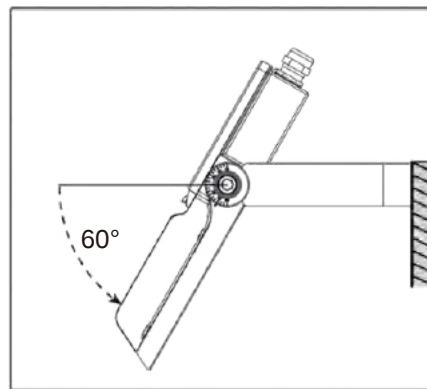
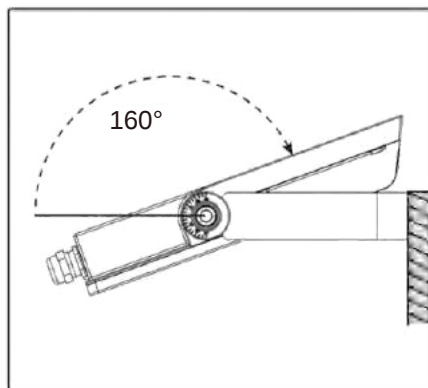
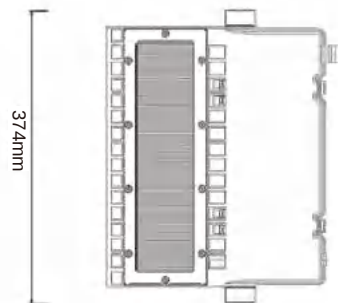
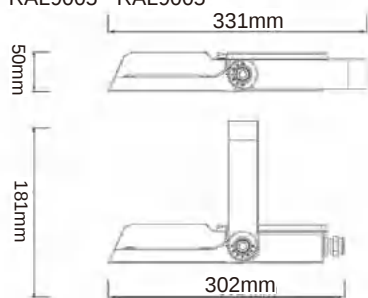
Applications

- Storage
- Billboard
- Sports lighting
- Road lighting
- Warehouse
- Any outdoor application





 RAL9005
 RAL9007



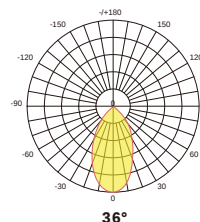
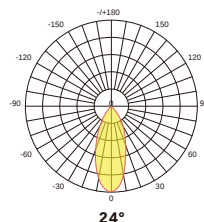
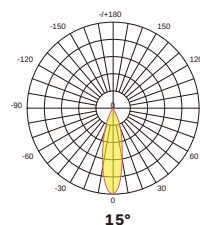
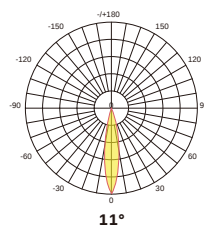
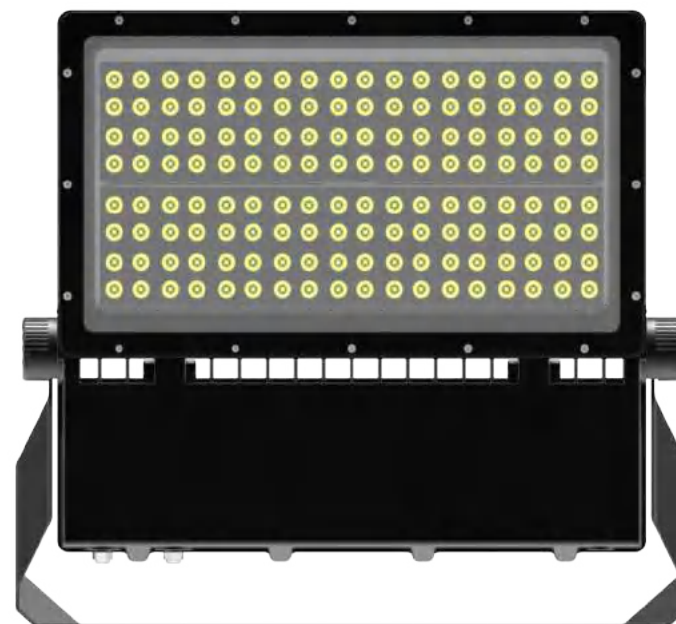
Specifications

Product Code	TB-AL-75W	TB-AL-100W	TB-AL-150W	TB-AL-200W	TB-AL-240W
Power	75W	100W	150W	200W	240W
Input Voltage	200-240VAC / 100-277VAC (50/60Hz)				
Input Current	0.34A@220VAC	0.45A@220VAC	0.68A@220VAC	0.91A@220VAC	1.1A@220VAC
PF	>0.90@220VAC				
DC output voltage	48V				
DC output current	1.4A	1.9A	2.9A	3.9A	4.65A
Dimming (Optional)	3 in 1 dimming (PWM, 0-10V, Resistor) , DALI				
CCT	3000K / 4000K / 5000K / 6000K				
Luminous Flux	9750Lm	13000Lm	19500Lm	26000Lm	31200Lm
Efficiency	130Lm/W±10% (Ra>80 5000K)				
Luminous Flux	10500Lm	14000Lm	21000Lm	28000Lm	33600Lm
Efficiency	140Lm/W±10% (Ra>80 5000K)				
LED Brand	3030				
Light Type	Asymmetric and symmetric light				
Operation Temp	-40°C~+45°C				
Storage Temp	-40°C~+85°C				
Life Span	Ta 45°C L70>54000 hours				
IP Class	IP66				
IK Class	IK10				
Certificate	CE, RoHS				
Lamp Body Color	Gray (default with RAL9007), Black (optional for RAL9005)				
Product Size (mm)	331*374*50			441*374*50	
Net weight (kg) ± 0.1	4.58	4.63	4.76	6.37	
Packing Size (mm)	430*370*76			500*415*76	
Gross Weight (kg) ± 0.1	4.98	5.03	5.16	6.84	
Total Size (mm) (2pcs)	445*328*390			520*170*440	
Total Weight (2pcs) ± 0.2	20.68	20.88	21.4	14.43	
Installation Mode	Bracket mount				

LED High Mast Flood Light HMG1

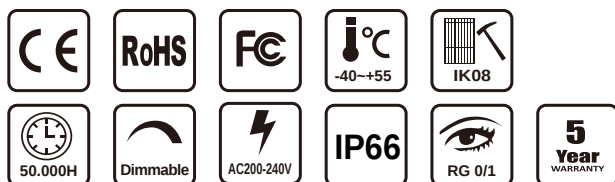
Features

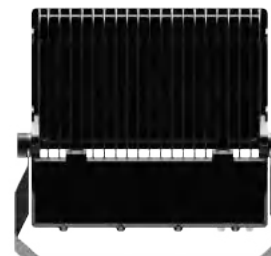
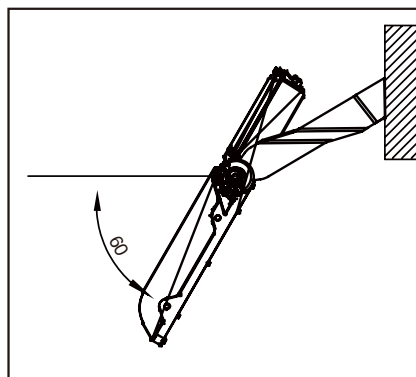
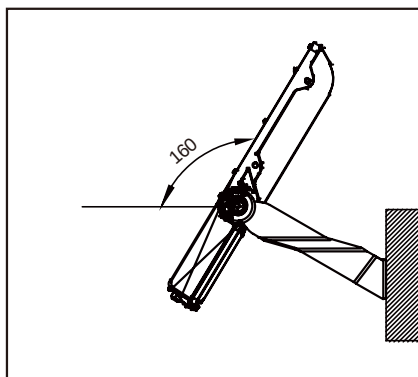
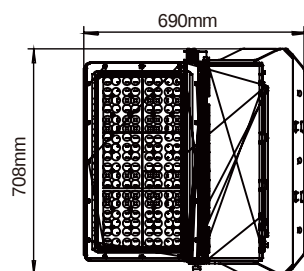
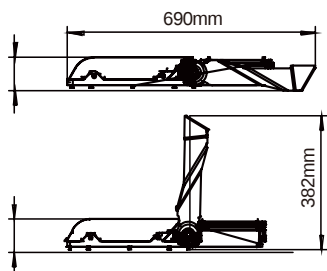
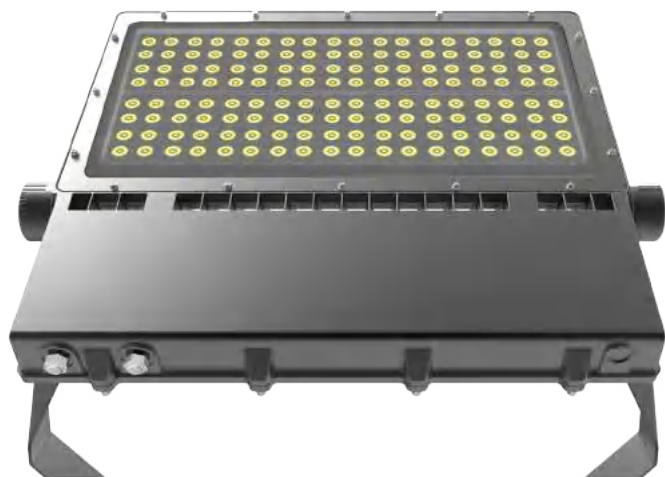
- High output LED's, up to 100~150lm/W
- Brand driver, high PF>0.96 low THD driver, flicker free
- Environmentally friendly, no mercury, no UV no IR
- 11° 15° 24° 36° AWB & ANB beam angles
- IP66 protection rating, for indoor & outdoor use
- Quick start instant 100% luminous flux
- 5 year warranty
- Certificate: CE, RoHS
- Housing material: aluminium alloy
- Stainless steel screws
- Options: 0-10V / DALI



Applications

- High mast
- Stock
- Sports grounds
- Crushers
- Workshops
- Golf courses
- Loading docks
- Ports/wharf



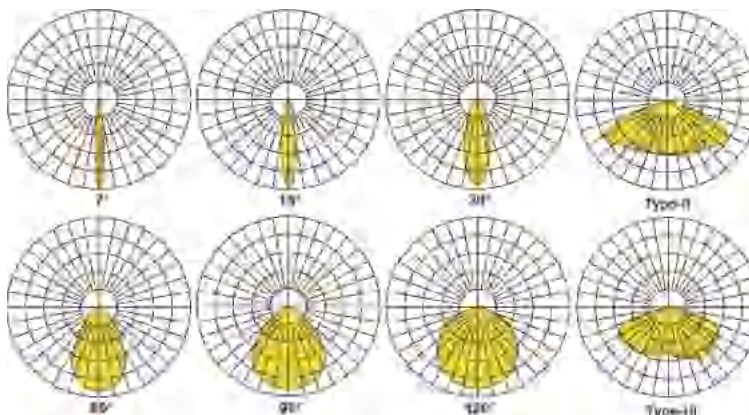
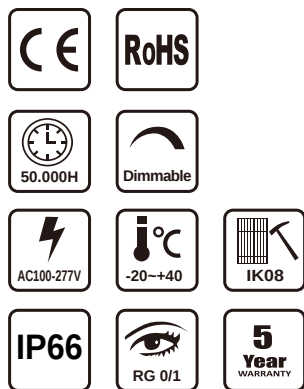


Specifications

Product Code	TBHMGI-350W	TBHMGI-500W	TBHMGI-600W
Power	350W	500W	600W
Input Voltage	90-305VAC / 200-480VAC		
Input Current	1.59A@220VAC	2.27A@220VAC	2.73A@220VAC
PF	>0.90@220VAC		
Dimming (Optional)	3 in 1 dimming (PWM, 0-10V, Resistor), DALI		
CCT	2700K-6500K		
Luminous Flux	35000Lm	50000Lm	60000Lm
Efficiency	100Lm/W±10% (Ra>80 5000K)		
Luminous Flux	52500Lm	75000Lm	90000Lm
Efficiency	150Lm/W±10% (Ra>70 5000K)		
LED Brand	3030		
Light Type	10° / 15° / 24° / 36°		
Operation Temp	-40°C~+50°C		
Storage Temp	-40°C~+85°C		
Life Span	Ta 50°C L70>54000 hours		
IP Class	IP66		
IK Class	IK08		
Certificate	CE, RoHS		
Lamp Body Color	Black (RAL9005)		
Product Size (mm)	690*708*94		
Net Weight (kg) ± 0.3	23		
Packing Size (mm)	800*800*150		
Gross Weight (kg) ± 0.3	25.6		
Installation Mode	Bracket mount		

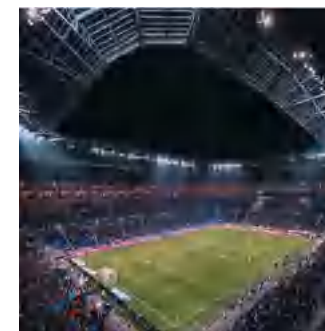
Features

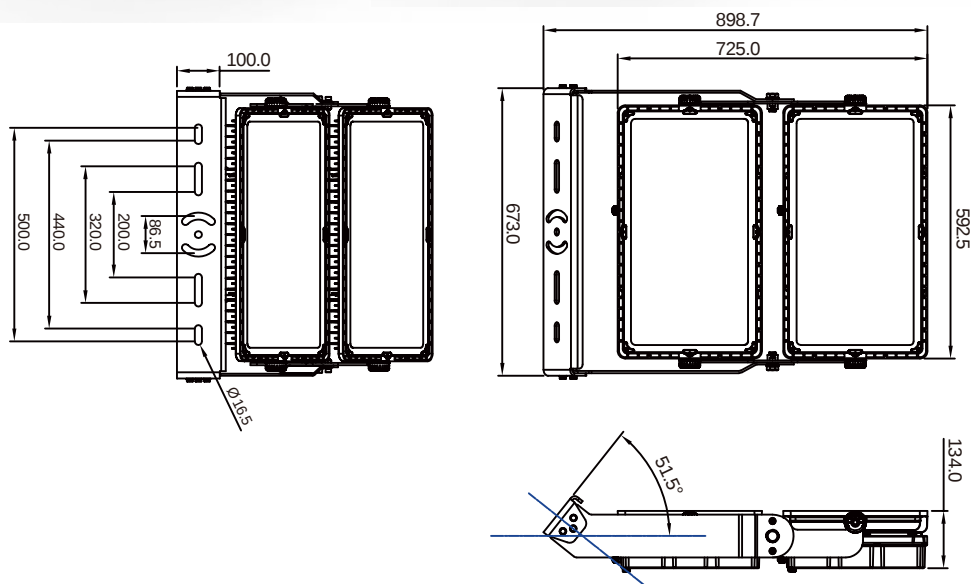
- Efficiency: up to 160lm/W, 140 ~ 190lm/W available
- LED Chip: lumileds 3030 / 5050 or Bridgelux 3030
- SDCM: <5
- Beam angle: 7° 15° 30° 60° 90° 120° Type2 / Type3 PC lens
- IP Rating: IP66
- Installation: bracket
- Certifications: CE, RoHS
- Warranty: 5 years



Applications

- Stadium
- Wharf
- Airport
- Dock
- Tower crane
- Football field
- Basketball court
- Tennis court
- Golf course
- Large outdoor parking lot





Specifications

Product Code	HMG4-500W HMG4-600W	HMG4-1000W HMG4-1200W	HMG4-1500W HMG4-1800W
Power	500W 600W	1000W 1200W	1500W 1800W
Input Voltage	100-277VAC		
PF	0.90@220VAC		
Dimming (Optional)	0-10V / DALI		
CCT	2700K / 3000K / 4000K / 5000K / 5700K / 6500K		
Luminous Flux	500W-80000Lm 600W-96000Lm	1000W-160000Lm 1200W-192000Lm	1500W-240000Lm 1800W-288000Lm
Efficiency	160Lm/W $\pm$ 10% (Ra>70 5000K)		
Luminous Flux	500W-95000Lm 600W-114000Lm	1000W-190000Lm 1200W-228000Lm	1500W-285000Lm 1800W-342000Lm
Efficiency	190Lm/W $\pm$ 10% (Ra>70 5000K)		
Beam Angle	7° / 15° / 30° / 60° / 90° / 120° Type2 / Type3 PC lens		
Operation Temp	-40°C~+50°C , 20~95% RH No condensation		
Storage Temp	-20°C~+85°C , 10~95% RH No condensation		
Life Span	Ta 50°C L70>54000 hours		
IP / IK Class	IP66 / IK08		
Certificate	CE, RoHS		
Lamp Body Color	Housing: die-casting aluminum	Color: black (RAL9005)	Lens: PC
Product Warranty	5 years		
Installation Mode	Surface mount / Bracket mount		
Product Size (mm)	637*483*134	897*673*134	1286*673*134
Packing Size (mm)	672*534*188	990*763*220	1378*763*220
Gross Weight (kg)	16.5	40	56

LED Marine Searchlight





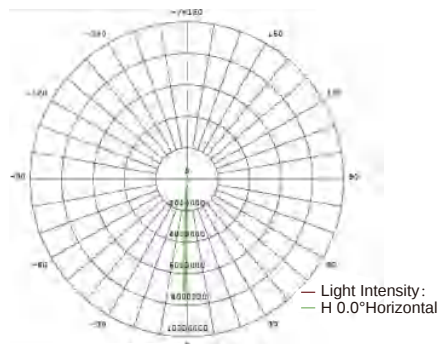
**High-Intensity LED
Marine Searchlight
PAGE 77-78**



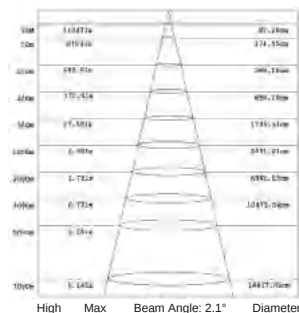
**IP66 Marine LED Searchlight
PAGE 79-80**

Features

- Protection class: IP66
- Power: 120W / 240W / 300W available
- Luminous flux: ≥ 1000 lm
- Irradiation distance: ≥ 2500 m (1LUX)
- Beam angle: 3.5° / 2.5°
- Slip-rings provide continuous 360-degree horizontal rotation with no stop points
- Auto-return to home position
- Auto-scan with user programmability
- Advanced proportional-speed control
- Approved for temperatures down to -35°C and up to $+55^\circ\text{C}$
- Materials: marine grade aluminum and stainless steel with salt-resistant powder coat finish
- Lower power consumption: LED's consume 75% or more less power than Halogen lamps
- Longer life: LED's last tens-of-thousands of hours compared to approximately 250 to 750 hours depending upon the Halogen lamp. This reduces lamp replacement costs, increases reliability



Average beam angle (50%): 2.1°

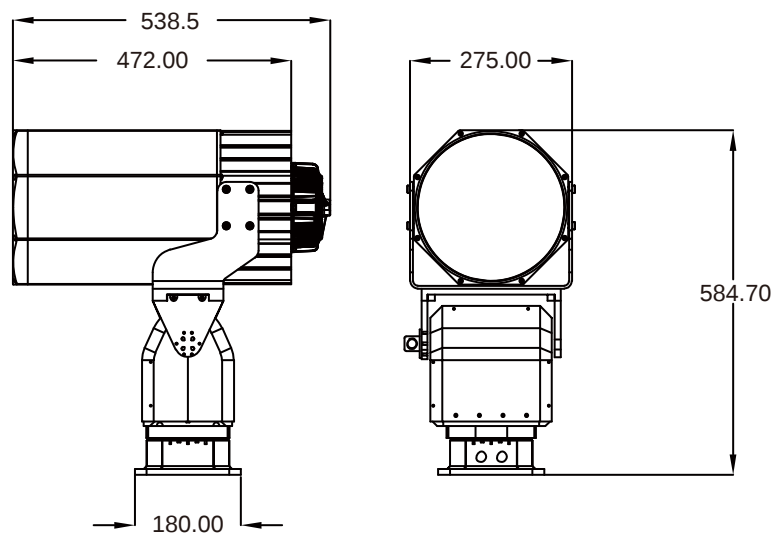


Note: The curve is the illumination area and the average illuminance in the area of the lamp under different projection distances

Applications

- National defense
- Marine
- Military
- Water conservation
- Expedition and oil field
- Wharf
- Large surface warship
- Maritime search and rescue



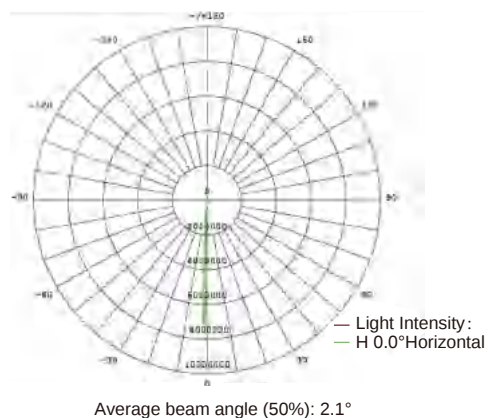
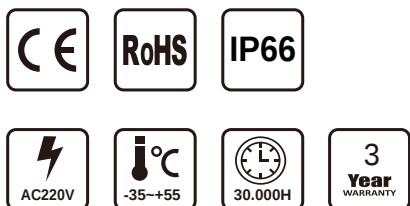


Specifications

Model	TB-SL120W		TB-SL200W	TB-SL300W
Light Information	Light Source		LED	
	Power Consumption	120W	200W	300W
	Color Temperature		6500K	
	Input Voltage		AC100 ~ 277V (50/60Hz)	
	Working Temperature		-35°C ~ +55°C	
	IP Rating		IP66	
	Lifespan		>30,000 hours	
	Beam Angle		3°	
	Beam Distance		≥2000m (1LUX)	
	Housing Material	1070 Pure aluminum cold forging, with salt-resistant, scratch-resistant white powder coat finish		
	Weight	40Kg		
Cloud Platform (Optional)	Adjustable Speed		Horizontal: 0.1° ~ 25°/S, vertical 0.1° ~ 15°/S	
	Adjustable Angle		Horizontal: 0 ~ 180° or 0 ~ 360°, vertical +30° ~ -30°, or customizable	
	Preset Position		200pcs	
	Repeated Positioning Accuracy		±0.2°	
	Communication Protocol		Pelco-D, Pelco-P for option	
	Communication Baud Bate		2400 / 4800 / 9600 / 9200 bps for option	
Communication Interface		RS485 / RS422		

Features

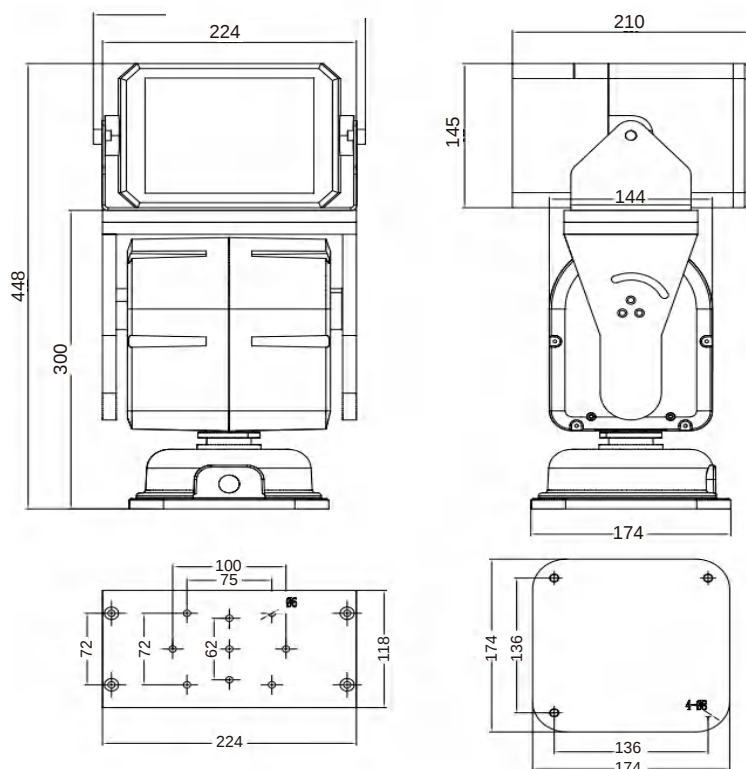
- Protection class: IP66
- Irradiation distance: ≥ 500 m (1LUX)
- Beam angle: 4°
- Slip-rings provide continuous 360-degree horizontal rotation with no stop points
- Auto-return to home position
- Auto-scan with user programmability
- Advanced proportional-speed control
- Approved for temperatures down to -35°C and up to $+55^\circ\text{C}$
- Materials: marine grade aluminum and stainless steel with salt-resistant powder coat finish
- Lower power consumption: LED's consume 75% or more less power than Halogen lamps
- Longer life: LED's last tens-of-thousands of hours compared to approximately 250 to 750 hours depending upon the Halogen lamp. This reduces lamp replacement costs, increases reliability



Applications

- National defense
- Marine
- Military
- Water conservation
- Expedition and oil field
- Wharf
- Large surface warship
- Maritime search and rescue





Specifications

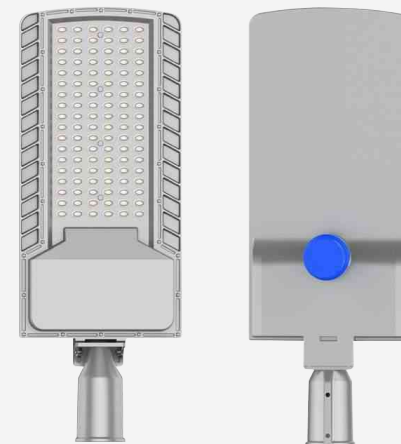
Model		TB-SL80W
Light Information	Light Source	LED
	Power Consumption	80W
	Color Temperature	6500K
	Input Voltage	AC220 V (50/60Hz)
	Working Temperature	-35°C ~ +55°C
	IP Rating	IP66
	Lifespan	>30,000 hours
	Beam Angle	5°
	Beam Distance	≥300m (1LUX)
Cloud Platform (Optional)	Housing Material	1070 pure aluminum cold forging, with salt-resistant, scratch-resistant white powder coat finish
	Weight	10Kg
	Adjustable Speed	Horizontal: 0.1° ~ 9°/S, vertical 0.1° ~ 6°/S
	Adjustable Angle	Horizontal: 0°~180° or 0°~360°, vertical +15°~ -30°, or customizable
	Preset Position	32pcs
	Repeated Positioning Accuracy	±0.5°
	Communication Protocol	Pelco-D, Pelco-P for option
	Communication Baud Rate	2400 / 4800 / 9600 / 19200 bps for option
	Communication Interface	RS485

LED Street Light





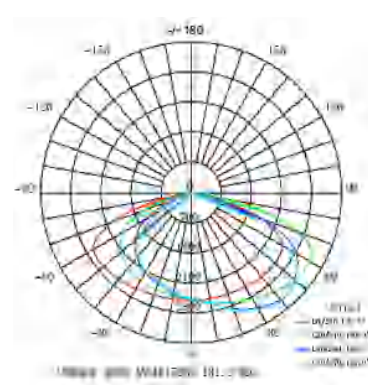
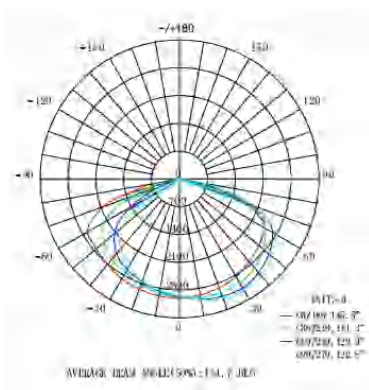
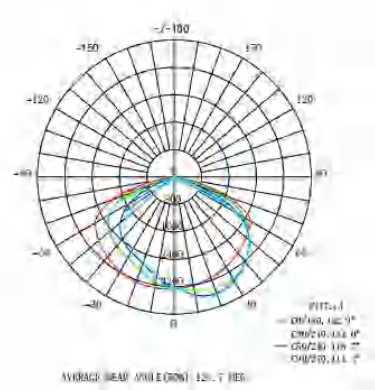
**Tool-Free Install LED
Street Light S7
PAGE 83-84**



**ECO Series LED Street Light S10
PAGE 85-86**

Features

- Patent private mold, integrated die-casting aluminium
- High light efficiency, 130lm / 150lm / 170lm/W available
- Professional PC anti-glare lens: lens angle 60° 90° 120° T2M / T3M / T4M
- 0-10V dimming, time control, light sensing, internet of things control and other functions are optional
- Flat honeycomb design, good heat dissipation
- Horizontal locator for easy installation
- The protection level reaches IP66
- Tempered glass panel, fixed without glue



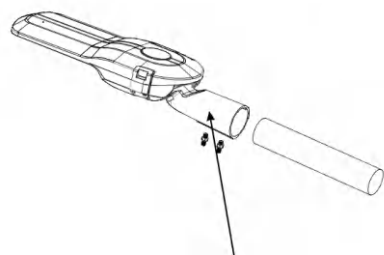
Applications

- Main road
- High way
- Flyover
- City street
- Residential district
- Industrial
- Overpass
- Sidewalk
- Square
- School
- Park



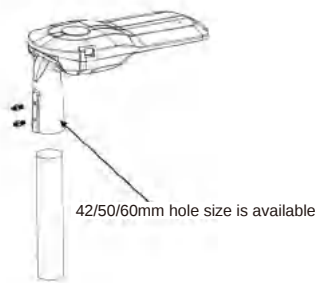


Installation hole size: 60mm



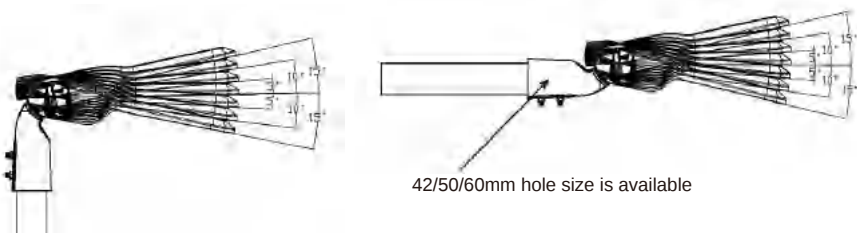
42/50/60mm hole size is available

Installation hole size: 60mm



42/50/60mm hole size is available

Installation hole size: 60mm



42/50/60mm hole size is available

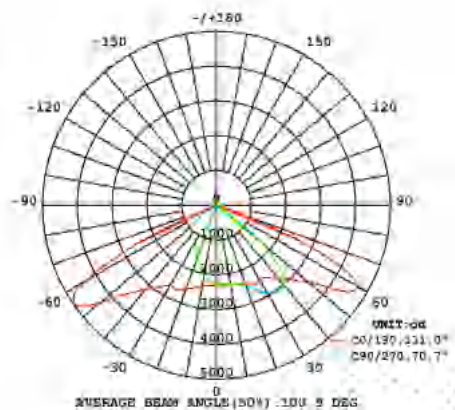
Specifications

Product Code	RL-S7-25W	RL-S7-50W	RL-S7-60W	RL-S7-80W	RL-S7-100W	RL-S7-120W
Power	25W	50W	60W	80W	100W	120W
LED Type	Lumileds 5050					
Voltage	AC100V-240V (50/60Hz)					
LED Quantity	48pcs	48pcs	48pcs	72pcs	72pcs	72pcs
Luminous Flux	4500Lm	8700Lm	10200Lm	14000Lm	17500Lm	20400Lm
Warm White	3000-4000K					
Neutral White	4000-5000K					
Cool White	5000-6000K					
Beam Angle	60° / 90° / 120° / T2M / T3M / T4M					
CRI	Ra>70					
Driver Efficiency	>88%					
Luminous Efficiency	170-180lm/W					
PF	>0.95					
THD	≤15%					
IP Rank	IP66					
Lamp Size (mm)	568*200*109	568*200*109	568*200*109	613*240*109	613*240*109	613*240*109
Net Weight	4kg	4kg	4kg	4.92kg	4.92kg	4.92kg
Certificate	CE, CB, RoHS					

Product Code	RL-S7-150W	RL-S7-180W	RL-S7-200W	RL-S7-250W	RL-S7-300W
Power	150W	180W	200W	250W	300W
LED Type	Lumileds 5050				
Voltage	AC100V-240V (50/60Hz)				
LED Quantity	96pcs	96pcs	128pcs	128pcs	192pcs
Luminous Flux	26250Lm	30600Lm	35000Lm	42000Lm	51000Lm
Warm White	3000-4000K				
Neutral White	4000-5000K				
Cool White	5000-6000K				
Beam Angle	60° / 90° / 120° / T2M / T3M / T4M				
CRI	Ra>70				
Driver Efficiency	>88%				
Luminous Efficiency	170-180lm/W				
PF	>0.95				
THD	≤15%				
IP Rank	IP66				
Lamp Size (mm)	683*260*130	683*260*130	693*300*130	693*300*130	793*300*130
Net Weight	5.86KG	5.86KG	6.47KG	6.47KG	7.7KG
Certificate	CE, CB, RoHS				

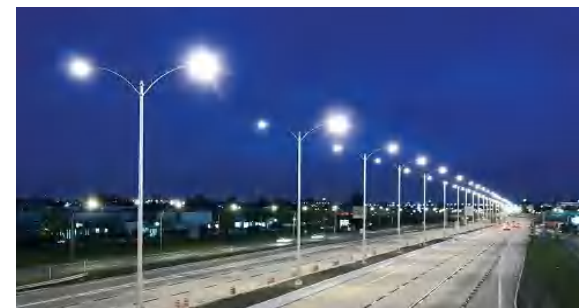
Features

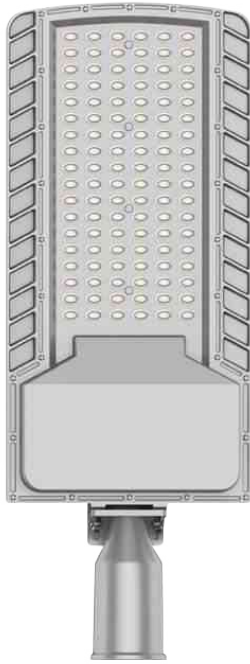
- Patent private mold, integrated die-casting aluminium
- High efficiency, 180lm/W
- Use professional anti-glare full cut-off light distribution: T2
- 0-10V dimming / time control / light sensor / IOT control available
- Flat honeycomb design, good heat dissipation
- Angle of mounting adapter can be installed and adjusted 90° 180° ($\pm 15^\circ$)
- The protection level reaches IP67



Applications

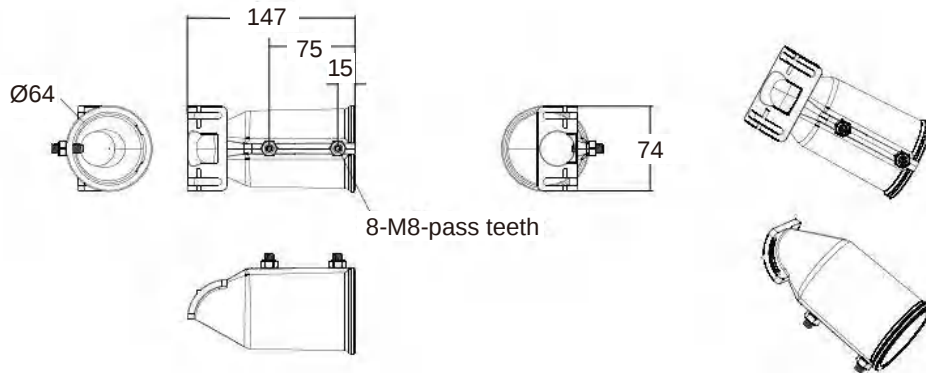
- Main road
- High way
- Flyover
- City street
- Residential district
- Industrial
- Overpass
- Sidewalk
- Square
- School
- Park





Specifications

Product Code	RL-S10-30W	RL-S10-50W	RL-S10-100W	RL-S10-150W	RL-S10-200W
Power	20-40W	50-70W	80-120W	150-180W	200-240W
LED Type	EMC 5050				
Voltage	AC100V-277V (50/60Hz)				
LED Quantity	24pcs	32pcs	72pcs	108pcs	144pcs
Luminous Flux	3600-7200Lm	9000-12600Lm	14400-21600Lm	27000-32400Lm	36000-43200Lm
Warm White	2700-3500K				
Neutral White	4000-4500K				
Cool White	5000-6000K				
Beam Angle	T2				
CRI	Ra>70				
Driver Efficiency	>90%				
Luminous Efficiency	180lm/W				
PF	>0.95				
THD	≤15%				
IP Rank	IP67				
Lamp Size (mm)	438*108*75	467*175*75	564*221*75	647*241*75	740*276*75
Net Weight	1.15kg	1.54kg	1.89kg	2.21kg	2.50kg
Certificate	CE, CB, RoHS				



60mm mounting holes

TUBU

Industrial and Agricultural LED Lighting Expert

ADD

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