



**SHINE A LIGHT  
IN  
EVERY  
CORNER**

2017 FYTLED Industrial & Commercial Light Catalog



# FYTLED

## The No.1 Brand for Industrial LED Lighting

FYTLED Factory

## About us

Founded in June 2008, FYT LED Co., Ltd. has been constantly pushing the boundaries of industrial and commercial lighting creating new levels of energy efficiency and amazing new lighting experiences. Our deep understanding of the effects lighting has on people, allows us to deliver innovations and step by step up the ante on modern lighting. We understand that today's lighting systems need to do much more than just illuminate. The effects light has on us, how it makes us feel and experience the world around us, is what we focus on. We believe that everyone should experience the best light possible at every given moment of the day.



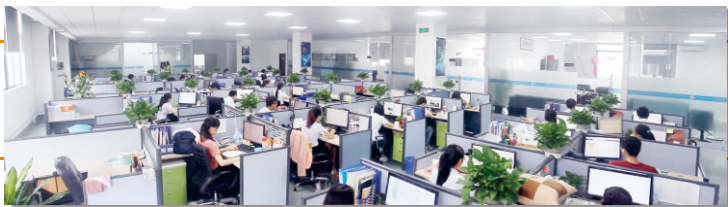
Exhibition hall





## Service from people you can trust

We are proud of our excellent service and the good reputation we managed to achieve. From initial contact and commissioning through handling during production and shipment, our sales representatives will be there for you to handle all upcoming issues and to provide you with sound advice. Knowledgeable and friendly with a high level of professional expertise, our sales, after sales and engineering will always be at your disposal.



## Energy&cost savings

Choosing a building's new lighting system requires a well-planned and careful approach. Lighting typically consumes 20 - 30% of the electricity used in an average industrial environment, and in commercial areas usually the required energy is even higher.

By choosing FYT's LED lights two big benefits can be gained because our lights contribute to both energy and financial savings. All of our LED lights are robust, highly energy efficient and have a long lifespan. And thanks to a cost efficient manufacturing process and a low failure rate we can provide very competitive prices.

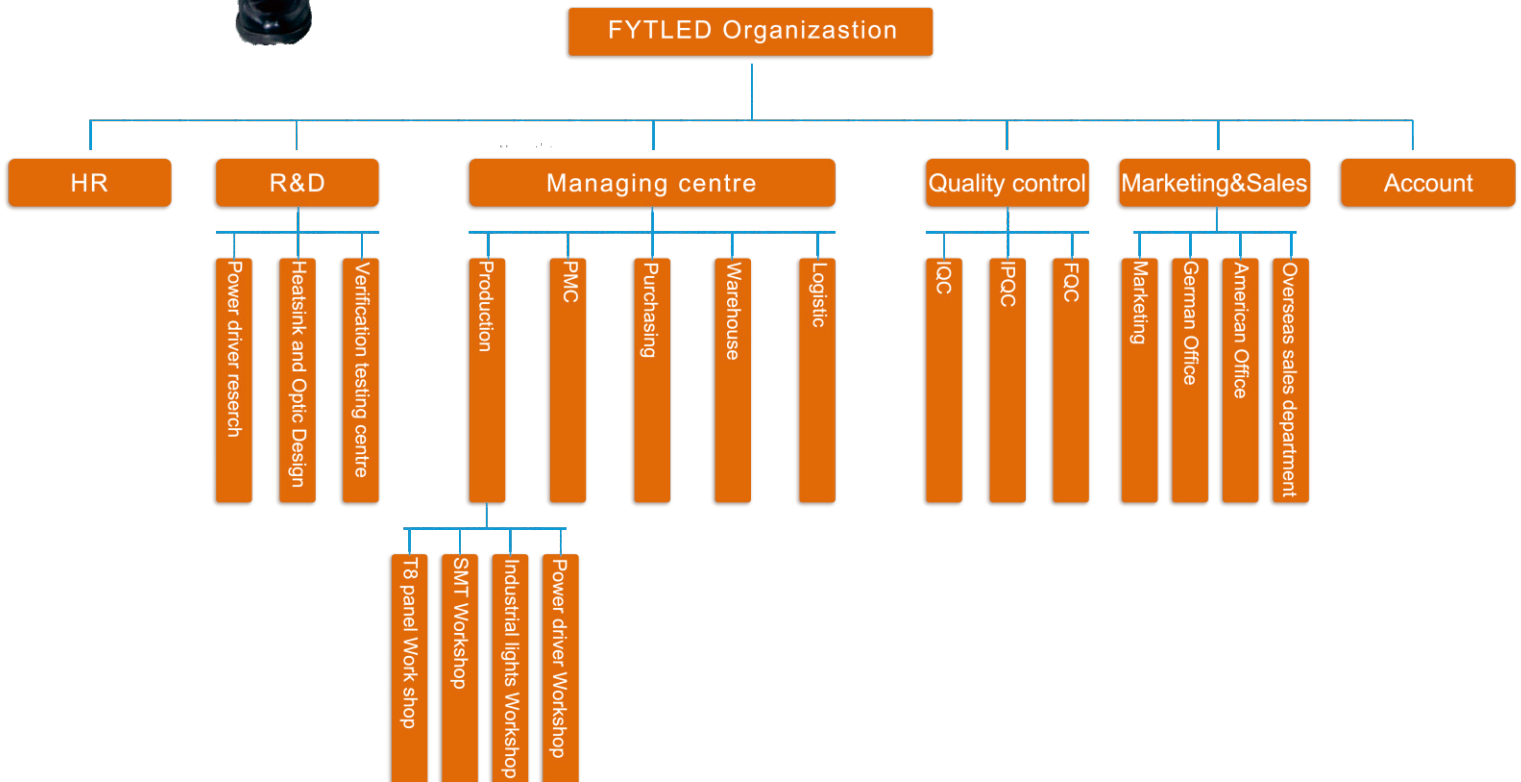




# Organization

As of 2010 FYT LED Co., Ltd. features a divisional organization. While each division focuses on specific tasks, all divisions work together to achieve our common goals. We pride ourselves at promoting each of our 150 employees to be an essential part of the team. This allows us to work very cohesively and prepares us for upcoming challenges.

FYTLED General Manager: Tom Tang





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# Tomline & Cleanline Linear High Bay

## Features

- Extremely energy efficient - up to real 150 lm/w
- Excellent heat dissipation performance
- High color fidelity through CRI 80Ra
- Perfectly suitable for industrial use due to IP65
- D-Mark tested for the use in paper production, wood processing etc.
- 5 Years warranty



60W/80W/100W/120W/150W/180W/200W/240W

## Options

- Optional Mean well driver available
- CRI 90 Ra available upon request
- 1-10V dimmable and DALI available
- Microwave motion sensor available
- Optional emergency power supply
- Zigbee is available
- Anti-dust edition for an ever-clean working environment

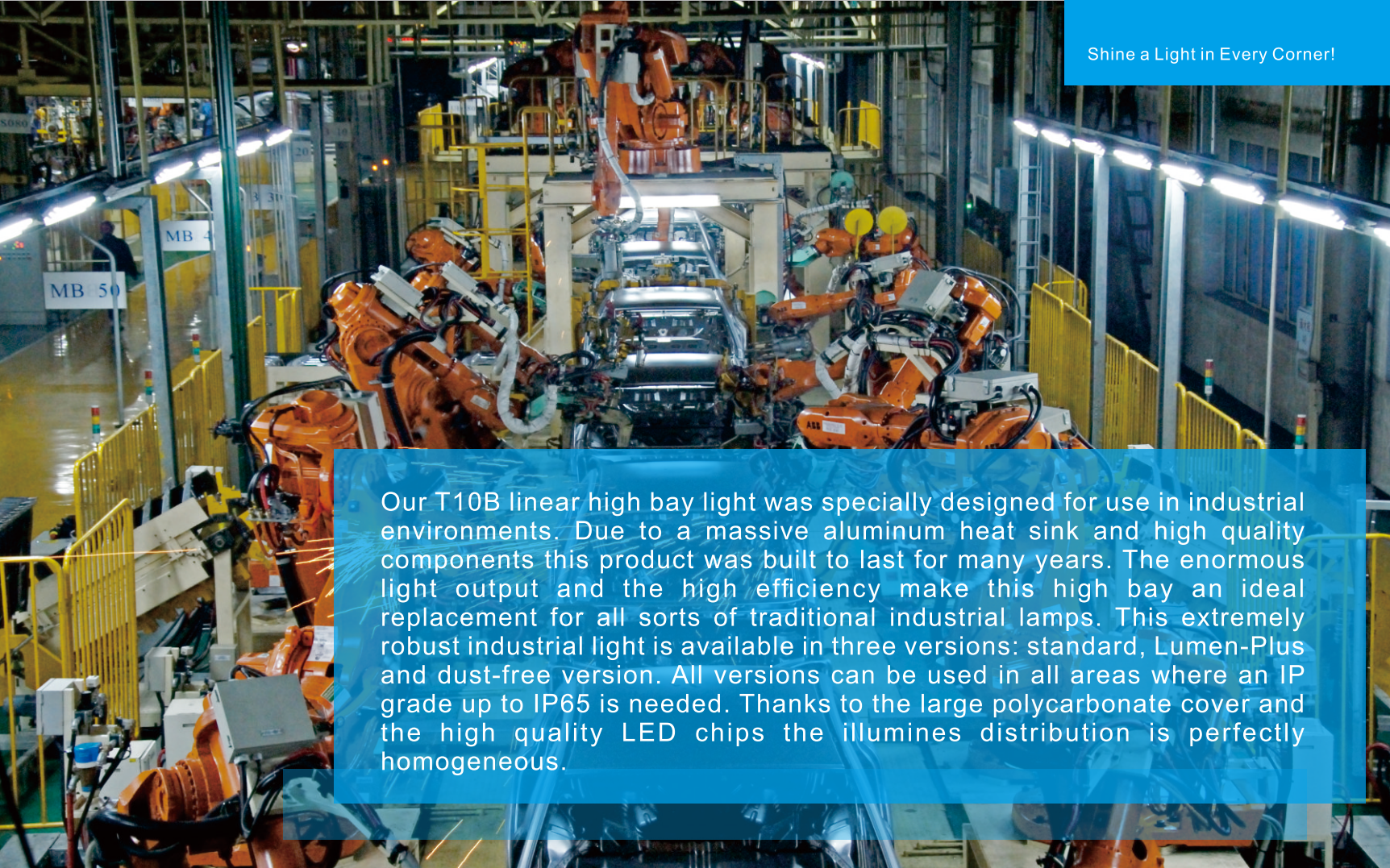
## Area of application

- Factories and warehouses
- High rooms and halls
- Exhibition- & showrooms
- Suitable for outdoor use

## Certificates

- American market: **UL, DLC Premium, cUL**
- European market: **TUV, GS, CB, CE (EMC, LVD, RoHS), D-Mark**
- Australian market: **SAA, C-Tick, RCM**





Our T10B linear high bay light was specially designed for use in industrial environments. Due to a massive aluminum heat sink and high quality components this product was built to last for many years. The enormous light output and the high efficiency make this high bay an ideal replacement for all sorts of traditional industrial lamps. This extremely robust industrial light is available in three versions: standard, Lumen-Plus and dust-free version. All versions can be used in all areas where an IP grade up to IP65 is needed. Thanks to the large polycarbonate cover and the high quality LED chips the illumines distribution is perfectly homogeneous.

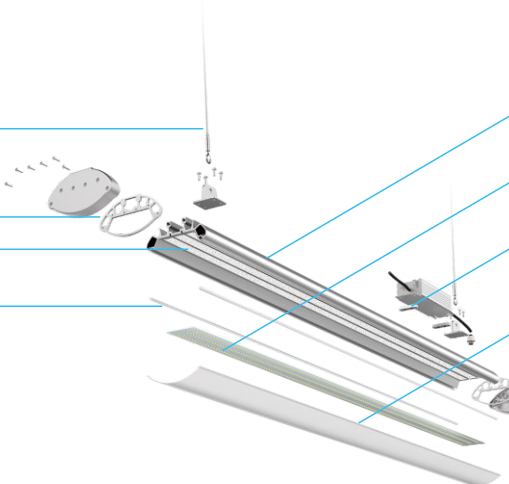
## Exploded drawing

Reliable and stable mounting system for a safe and easy installation. The stainless steel hanging rope accessories (30KG weight capacity) are corrosion aging resistant

Perfectly tied end-caps due to a high grade silicone seal

High grade cooling paste provides an excellent heat transition from the aluminum LED PCB to the housing

High grade silicon seals provide a tied fit for the cover.



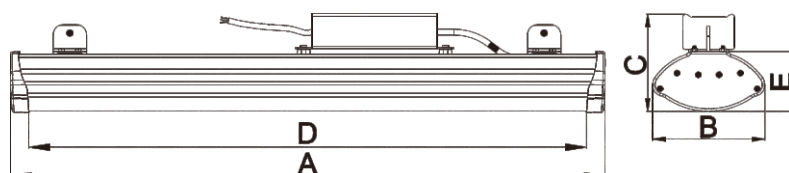
The massive aluminum body provides excellent cooling abilities and assures a long lifespan

Lm80 SMD2385 LED chip delivers up to 150lm/W system efficiency for the whole light

The external driver is mounted on spacers to prevent an unnecessary heat transfer to the driver providing a longer lifespan

The large and break-resistant polycarbonate cover provides a perfect light distribution.

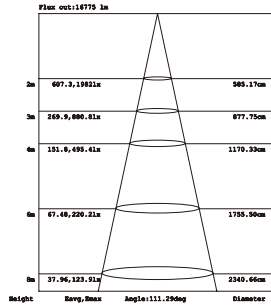
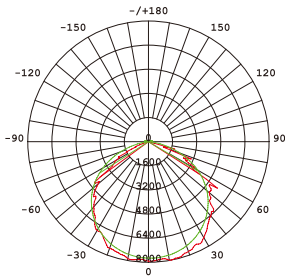
## Dimension (mm)



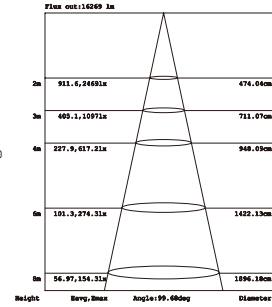
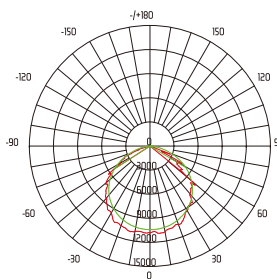
A=605 905 1205 1505  
 B=135  
 C=115  
 D=565 865 1165 1465  
 E=72

## Light Distribution Curve and Average E (LX) Figure---5000K

150W/CW



200W/CW



## Basic Specifications

Standard lumen (110lm~120lm/W)

Model	Nominal Wattages (W)	Nominal Voltage	Rated luminous efficacy (lm/w)	Nominal luminous flux (lumen)	Beam Angle	LED Quantity	CRI
T10B-60W	60	AC100~277V 50~60Hz	120±5	7200±300	120°	252PCS SMD2835	> 80Ra
T10B-80W	80		120±5	9500±400		252PCS SMD2835	
T10B-100W	100		120±5	12000±500		336PCS SMD2835	
T10B-120W	120		120±5	14200±600		336PCS SMD2835	
T10B-150W	150		120±5	17500±750		420PCS SMD2835	
T10B-200W	200		120±5	24000±1000		672PCS SMD2835	
T10B-240W	240		120±5	28000±1200		672PCS SMD2835	

Lumen Plus (140lm~150lm/W)

Model	Nominal Wattages (W)	Nominal Voltage	Rated luminous efficacy (lm/w)	Nominal luminous flux (lumen)	Beam Angle	LED Quantity	CRI
T10B-80W	80	AC100~277V 50~60Hz	145±5	11500±500	120°	378PCS SMD2835	> 80Ra
T10B-120W	120		145±5	17500±750		588PCS SMD2835	
T10B-150W	150		145±5	22000±900		756pcs SMD2835	
T10B-180W	180		145±5	26000±900		756pcs SMD2835	
T10B-200W	200		145±5	29500±1200		1008PCS SMD2835	
T10B-240W	240		145±5	34000±1500		1008PCS SMD2835	

## Electrical datas

Operating frequency	47-63Hz
Type of current	AC100~277V
Power factor λ	>0.9
Efficiency in %	>92%
Start time (0.2s / 0.5s / ...)	0.1S
Warm-up time to 60 % (1.5s / 2s / ...)	0.5S

## Photometrical data

Available light colors	Warm white; Natural white; daylight white
Available color temperatures	3000K; 4000K; 5000K; 6000K
Color rendering index Ra	> 80
Standard deviation of color matching	< 3
UGR (Unified Glare Rating)	< 27
Available beam angles	120°



## Standards & Certification

Type of protection	Ip65	Operating temp	20~+69 °C
Tested dielectric strength	3.75KVac	Ambient temperature	-30~+50 °C
Safety features features	Open circuit protection; Short circuit protection ; Overvoltage protection	Storage temperature	-40~+80 °C
Certificates	American market: UL, DLC Premium, cUL European market: TUV, GS, CB, CE, D-Mark Australian market: SAA, Ctick,RCM		
Energy efficiency class	A+ & A++		

## Temperatures & operating conditions

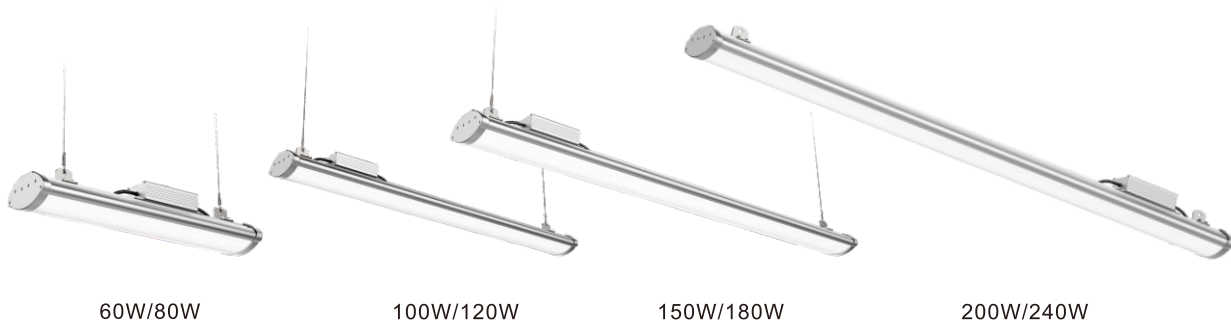
## Lifespan

Rated nominal Lifetime	5 Years	Base/Socket	Directly wired
Switching cycles	100,000 times	Dimmable	1-10V dimmable, DALI dimmable,
Lumen maintenance at e.o.l.	70%		

## Features/Capabilities and additional product data

## Packing Information

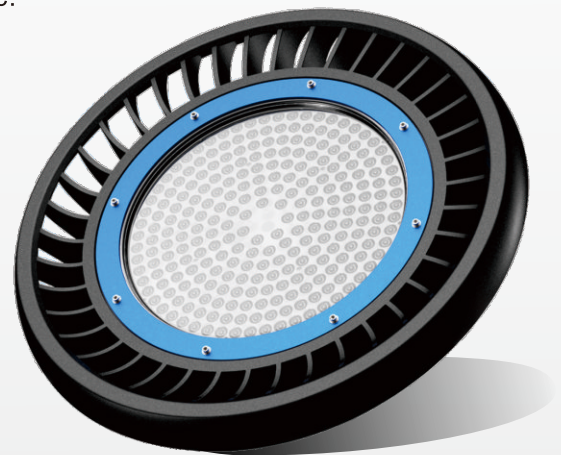
Model	Dimension	CTN SIZE(CM)	QTY/CTN	Net Weight/pcs(kg)	Gross Weight /CTN(kg)
T10B-60W/80W	605*135*72	66*28*18	2PCS	3.2	7.8
T10B-100W/120W	905*135*72	96*28*18	2PCS	4.4	11
T10B-150W/180W	1205*135*72	126*2*180	2PCS	5.5	13.5
FYT-T200W/240W	1505*135*72	156*28*18	2PCS	6.6	16.8



# Skybay Round High Bay

## Features

- Highly energy efficient -> up to 160 lm/w
- High Luminous flux -> up to 35000 lm
- Perfectly suitable for industrial use due to IP65
- Space between driver housing and lamp body to prevent heat accumulation
- D-Mark tested for the use in paper production, wood processing etc.
- 5 Years warranty



80W/100W/120W/180W/200W/240W

## Options

- Optional Mean well driver available
- 1-10V dimmable and DALI available
- Philips and Nichia chips available (standard is Philips )
- Different covers available: clear glass, clear PC and PMMA lens
- Additional reflector is available
- Microwave motion sensor available
- Mounting bracket for ceiling or wall installation
- Zigbee is available

## Area of application

- Factories and warehouses
- High rooms and halls
- Exhibition- & showrooms
- Barns and riding halls

## Certificates

- American market: **UL, DLC Premium, cUL**
- European market: **TUV, GS, CB, CE (EMC, LVD, RoHS), D-Mark**
- Australian market: **SAA, C-Tick, RCM**





FYT Skybay's are designed for industrial lighting adopting the newest LED lighting technology, with longer lifespan, lower maintenance cost and higher efficiency. Thanks to several different covers, lenses and reflectors these UFO high bay lights are very well suited for most factories, warehouses, Exhibition halls and showrooms. High grade materials and perfect workmanship provide excellent cooling abilities and a long lifespan. With 160lm/w and up to 35000 lumen they provide a very efficient way to replace all sorts of traditional HID lamps.

## Exploded drawing

An insulating plate separates the driver housing from the die-cast heat sink. This provides up to 5°C lower driver temperature which assures a long lifespan.

The robust and well-designed die-cast aluminum body provides perfect heat dissipation. It is treated with a black epoxy powder coating

Lm80 Philips SMD3030 LED chips provide up to 160lm/w system efficiency for the whole light



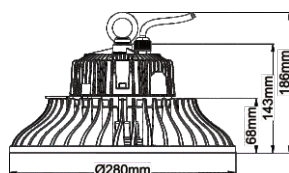
High grade cooling paste provides an excellent heat transition from the aluminum LED PCB to the housing

A double sided and water-proof silicone seal assures a high IP grade

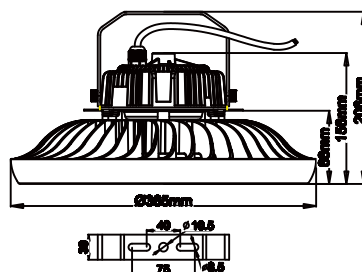
Different covers available: clear glass, clear PC and PMMA lens for a precise light distribution in all situations

Rust-free and non-corroding stainless steel screws are used to secure the lens

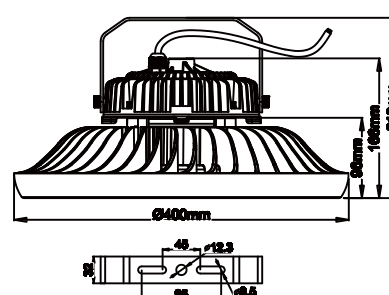
## Dimension (mm)



80W/100W/120W



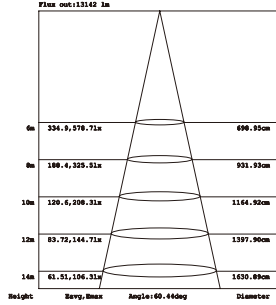
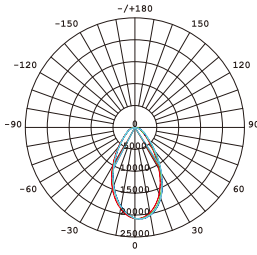
150W/180W



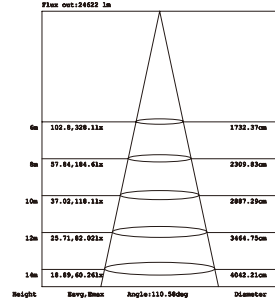
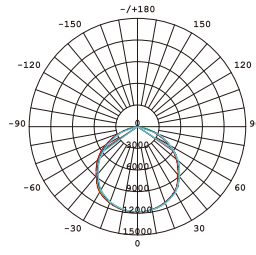
200W/240W

## Light Distribution Curve and Average E (LX) Figure---5000K

240W/60°



240W/110°



## Basic Specifications

Standard lumen (125lm~130lm/W)

Model	Nominal Wattages (W)	Nominal Voltage	Rated luminous efficacy (lm/w)	Nominal luminous flux (lumen)	Beam Angle	LED Quantity	CRI
HBR-100W	100	AC100~277V 50~60Hz	125±5	12500±500	110°/60°	110°: 140PCS SMD3030	>70Ra
HBR-120W	120		125±5	15000±500		110°: 140PCS SMD3030	
HBR-150W	150		125±5	19000±750		110°: 196PCS SMD3030 60°: 252PCS SMD3030	
HBR-180W	180		125±5	22500±900		110°: 196PCS SMD3030 60°: 252PCS SMD3030	
HBR-200W	200		125±5	25000±1000		110°: 252PCS SMD3030 60°: 252PCS SMD3030	
HBR-240W	240		125±5	30000±1200		110°: 252PCS SMD3030 60°: 252PCS SMD3030	

Lumen Plus (140lm~150lm/W)

Model	Nominal Wattages (W)	Nominal Voltage	Rated luminous efficacy (lm/w)	Nominal luminous flux (lumen)	Beam Angle	LED Quantity	CRI
HBR-150W Lumen plus	150	AC100~277V 50~60Hz	145±5	21000±750	110°	252PCS SMD3030	>70Ra
HBR-180W Lumen plus	180		145±5	25500±900		252PCS SMD3030	
HBR-200W Lumen plus	200		145±5	28000±1000		336PCS SMD3030	
HBR-240W Lumen plus	240		145±5	33600±1200		336PCS SMD3030	
HBR-150W Super Lumen	150		160±5	24000±750		336PCS SMD3030	

## Electrical datas

Operating frequency	47-63Hz
Type of current	AC100~277V
Power factor λ	>0.9
Efficiency in %	>92%
Start time (0.2s / 0.5s / ...)	0.1S
Warm-up time to 60 % (1.5s / 2s / ...)	0.5S

## Photometrical data

Available light colors	Warm white; Natural white; daylight white
Available color temperatures	3000K; 4000K; 5000K; 6000K
Color rendering index Ra	>70
Standard deviation of color matching	<3
UGR (Unified Glare Rating)	<25
Available beam angles	110°/60°



## Standards & Certification

Type of protection	Ip65	Operating temp	20~+69 °C
Tested dielectric strength	3.75KVac	Ambient temperature	-30~+50 °C
Safety features features	Open circuit protection; Short circuit protection ; Overvoltage protection	Storage temperature	-40~+80 °C
Certificates	American market: UL, DLC Premium, cUL European market: TUV, GS, CB, CE, D-Mark Australian market: SAA, Ctick,RCM		
Energy efficiency class	A+ & A++		

## Temperatures & operating conditions

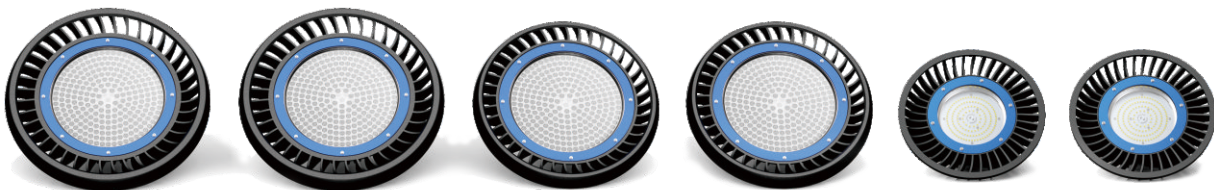
## Lifespan

Rated nominal Lifetime	5 Years	Base/Socket	Directly wired
Switching cycles	100,000 times	Dimmable	1-10V dimmable, DALI dimmable,
Lumen maintenance at e.o.l.	70%		

## Features/Capabilities and additional product data

## Packing Information

Model	Dimension	CTN SIZE(CM)	QTY/CTN	Net Weight/pcs(kg)	Gross Weight /CTN(kg)
HBR-100W/120W	340*340*200	34*33*22	1PCS	3.5	4.8
HBR-150W/180W	420*420*240	43*43*23	1PCS	7	8.5
HBR-200W/240W	460*460*250	47*43*23	1PCS	9	10.8



240W

200W

180W

150W

100W/120W

80W

# Blue Ghost Linear High Bay

## Features

- Highly energy efficient - up to 145 lm/w
- High Luminous flux - up to 28000 lm
- Perfectly suitable for industrial use due to IP65
- High grade materials and perfect workmanship provide excellent cooling abilities
- D-Mark tested for the use in paper production, wood processing etc.
- 5 Years warranty



100W/150W/200W

## Options

- Optional Mean well driver available
- CRI 90 Ra available upon request
- 1-10V dimmable and DALI available
- Microwave motion sensor available
- Optional emergency power supply
- Zigbee is available

## Area of application

- Factories and warehouses
- High rooms and halls
- Exhibition- & showrooms

## Certificates

- American market: **UL, DLC Premium, cUL**
- European market: **TUV, GS, CB, CE (EMC, LVD, RoHS), D-Mark**
- Australian market: **SAA, C-Tick, RCM**





Our T13B, also called “The Blue Ghost”, is a second generation linear LED high bay specially designed for manufacturing areas, warehouses, production lines and high halls. The unique and stylish design fits perfectly in modern industrial environments. High grade Refond SMD2835 chips and highly developed driver technology assure up to 145 lm/w efficiency. The massive aluminum housing and the aluminum reflectors provide excellent cooling abilities and a long lifespan. Due to the IP65 rating this high bay can be used even under harsh conditions. Suspended or surface mounted it will provide a perfectly homogeneous light distribution.

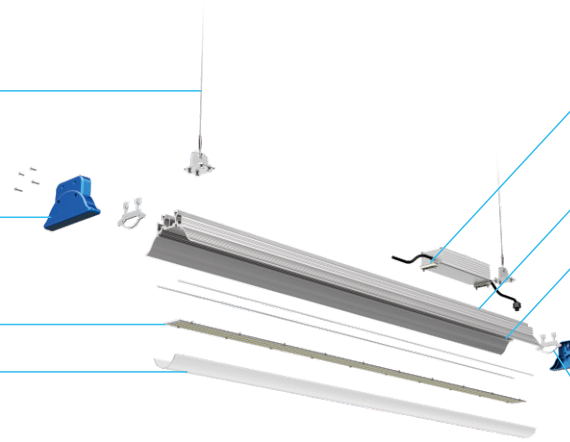
### Exploded drawing

Reliable and stable mounting system for a safe and easy installation. The stainless steel hanging rope accessories (30KG weight capacity) are corrosion and aging resistant

Perfectly tight end-caps due to a high grade silicone seal

SMD2385 LED chips mounted on a aluminum PCB

The break-resistant polycarbonate cover provides a perfect homogeneous light distribution.



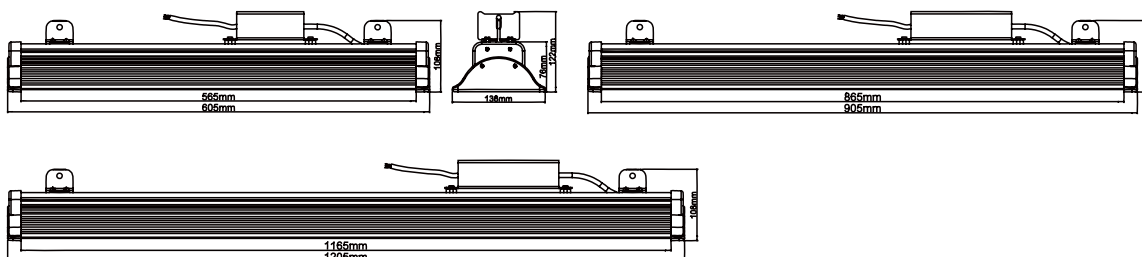
The external driver is mounted on spacers to prevent an unnecessary heat transfer providing a longer lifespan

The massive aluminum body provides excellent cooling abilities and assures a long lifespan

High grade cooling paste provides an excellent heat transition from the aluminum LED PCB to the housing

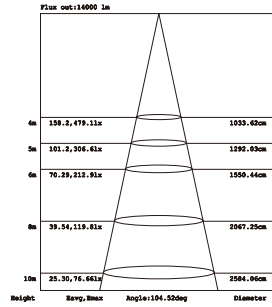
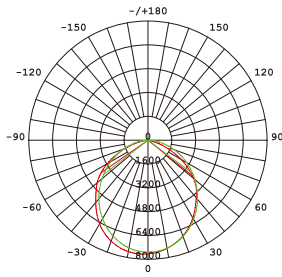
Industrial grade silicon seals provide a tight fit for the cover

### Dimension (mm)

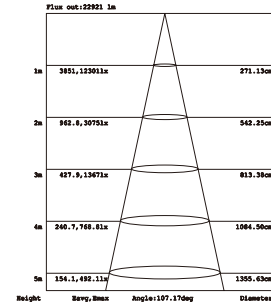
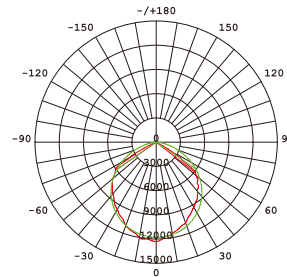


## Light Distribution Curve and Average E (LX) Figure---5000K

150W/CW



200W/CW



## Basic Specifications

Model	Nominal Wattages (W)	Nominal Voltage	Rated luminous efficacy (lm/w)	Nominal luminous flux (lumen)	Beam Angle	LED Quantity	CRI
T13B-100W	100	AC100~277V 50~60Hz	130±5	13000±1000	110°	336pcs 0.5W SMD2835	> 80Ra
T13B-150W	150		130±5	19500±1500		462pcs 0.5W SMD2835	
T13B-150W lumen plus	150		145±5	21500±1500		630pcs 0.5W SMD2835	
T13B-200W	200		130±5	26000±2000		630pcs 0.5W SMD2835	

## Electrical datas

Operating frequency	47-63HZ	Available light colors	Warm white;natural white;daylight white
Type of current	AC100~277V	Available color temperatures	3000K;4000K;5000K;6000K
Power factor λ	> 0.9	Color rendering index Ra	> 80
Efficiency in %	> 92%	Standard deviation of color matching	< 3
Start time (0.2s / 0.5s / ... )	0.1S	UGR (Unified Glare Rating)	< 25
Warm-up time to 60 % (1.5s / 2s / ... )	0.5S	Available beam angles	110°

## Photometrical data

## Standards & Certification

Type of protection	Ip65	Operating temp	-20~+69 °C
Tested dielectric strength	3.75KVac	Ambient temperature	-30~+50 °C
Safety features features	Open circuit protection; short circuit protection ; Overvoltage protection	Storage temperature	-40~+80 °C
Certificates	American market: UL, DLC Premium, cUL European market: TUV, GS, CB, CE, D-Mark Australian market: SAA, Ctick,RCM		
Energy efficiency class	A++		

## Temperatures & operating conditions



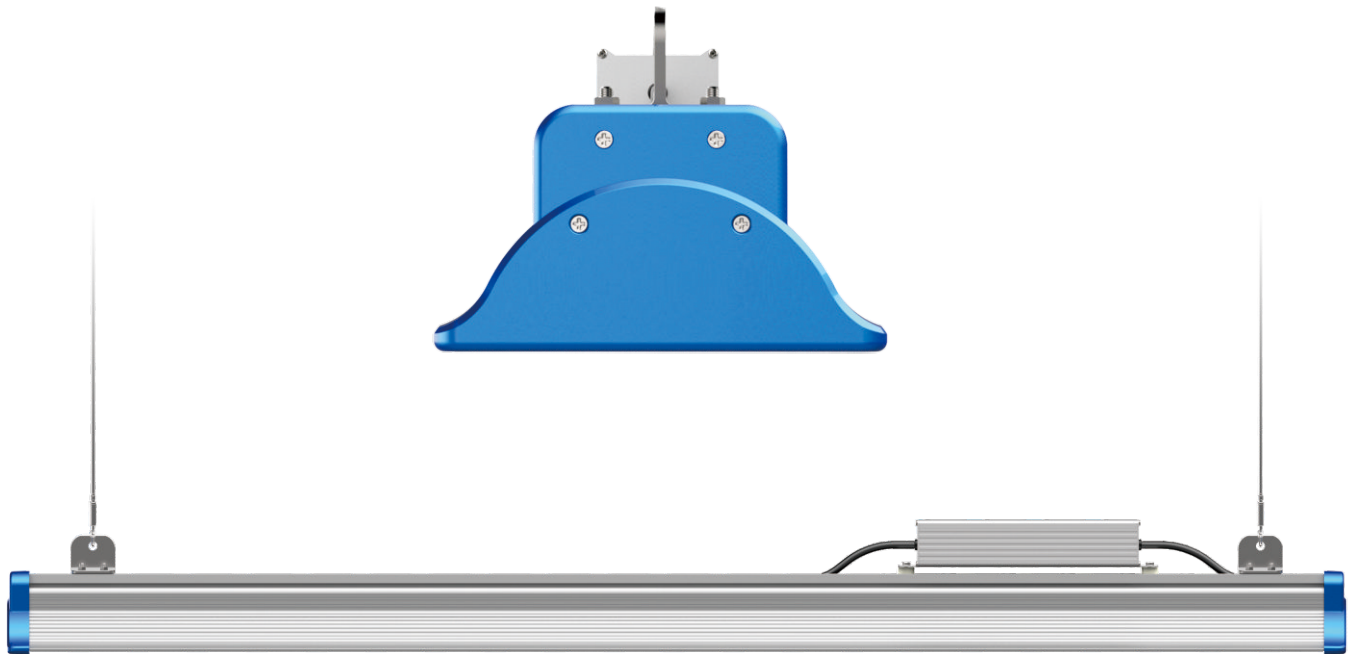
## Features/Capabilities and additional product data

### Lifespan

Rated nominal Lifetime	5 Years	Base/Socket	Directly wired
Switching cycles	100,000 times	Dimmable	1-10V dimmable, DALI dimmable,
Lumen maintenance at e.o.l.	70%		

### Packing Information

Model	Dimension	CTN SIZE(CM)	QTY/CTN	Net Weight/pcs(kg)	Gross Weight /CTN (Kg)
T13B-100W	605*138*122	650*33*17	2PCS	3.2	7.5
T13B-150W	905*138*122	950*33*17	2PCS	4.1	10.2
T13B-150W Lumen plus	1205*138*122	125*33*17	2PCS	5.2	12.6
T13B-200W	1205*138*122	125*33*17	2PCS	5.4	13



# Magicline Module High Bay

## Features

- Highly energy efficient - up to 130 lm/w
- High Luminous flux - up to 78000 lm
- Available up to 600W
- Installation heights up to 30 meters!
- D-Mark tested for the use in paper production, wood processing etc.
- 5 Years warranty



100W/1220W/150W/180W/200W/240W/300W/400W/600W

## Options

- Various beam angle options: 30°, 60°, 90°, 30°x70°, 60°x90°
- Optional Mean well driver available
- 1-10V dimmable and DALI available
- Microwave motion sensor available
- Optional emergency power supply
- Zigbee is available

## Area of application

- Factories and warehouses
- Loading areas and freight yards
- Exhibition- & showrooms

## Certificates

- American market: **UL, DLC Premium, cUL**
- European market: **TUV, GS, CB, CE (EMC, LVD, RoHS), D-Mark**
- Australian market: **SAA, C-Tick, RCM**



FYT's Magicline, T31B, is a powerful and energy-efficient LED light fixture available from 100W to 600W. It was design for tall halls, high warehouses, loading areas and freight yards. Various lenses for different beam angles enable this linear high bay to be efficiently used in heights up to 30m. It's weatherproof aluminum alloy housing and the high quality polycarbonate lenses make it dust tight as well as water and impact resistant for use in harsh environments. This extremely robust light can be flexibly configured for use in a very wide application range. Suspended or surface mounted it will provide a perfectly homogeneous light distribution.

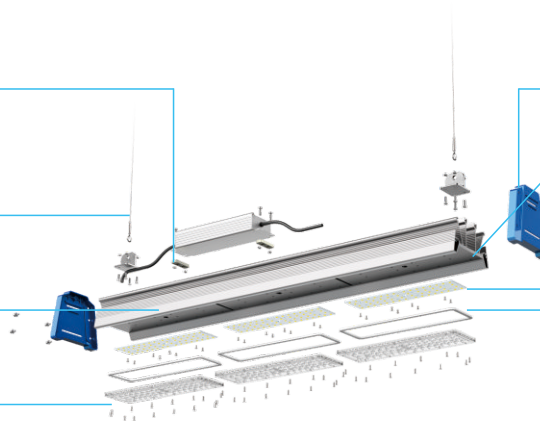
## Exploded drawing

The external driver is mounted on spacers to prevent an unnecessary heat transfer to the driver providing a longer lifespan

Reliable and stable mounting system for a safe and easy installation. The stainless steel hanging rope accessories (30KG weight capacity) are corrosion and aging resistant

The massive aluminum body provides excellent cooling abilities and assures a long lifespan

High grade lenses for various beams angles



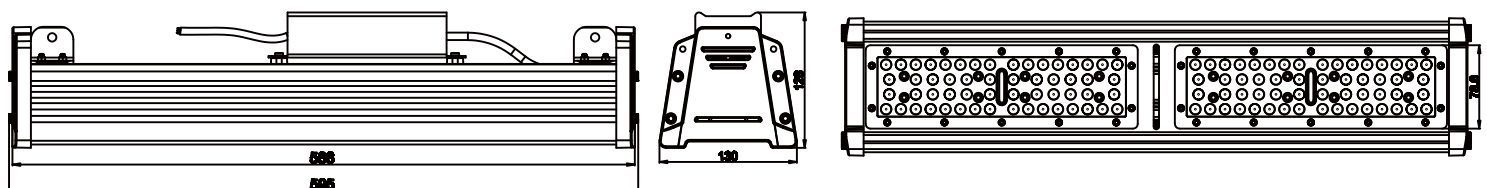
Modern and stable end-caps provide a stylish look and enhance overall stability

Industrial grade cooling paste provides an excellent heat transition from the aluminum LED PCB to the housing

Aluminum PCB boards containing the SMD2835 LED chips

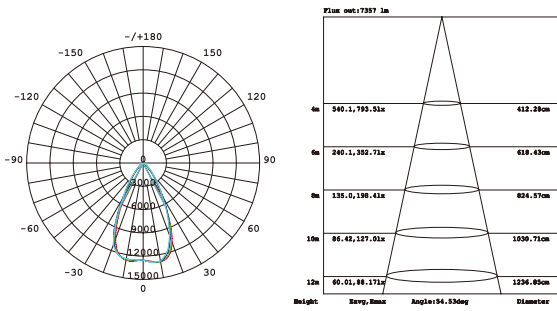
Silicone seal completely surrounding the PCB

## Dimension (mm)

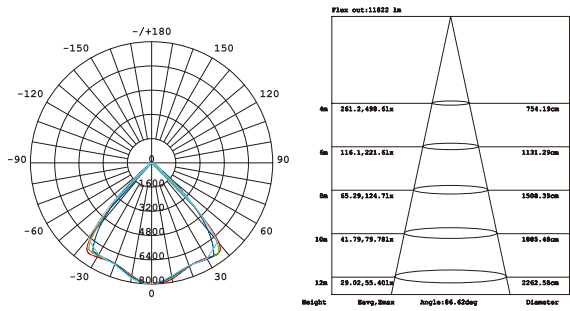


## Light Distribution Curve and Average E (LX) Figure---5000K

600W/60°



600W/90°



## Basic Specifications

Standard lumen (lm) (130lm/W)

Model	Nominal Wattages (W)	Nominal Voltage	Rated luminous efficacy (lm/w)	Nominal luminous flux (lumen)	Beam Angle	LED Quantity	CRI
T31B-100W	100	AC100~277V 50~60Hz	130±5	13000±500	30°/60°/90°/ 30*70°/60*90°	112pcs SMD3030	> 70Ra
T31B-120W	120		130±5	15000±600		112pcs SMD3030	
T31B-150W	150		130±5	19500±750		168pcs SMD3030	
T31B-180W	180		130±5	23400±900		168pcs SMD3030	
T31B-200W	200		130±5	26000±1000		224pcs SMD3030	
T31B-240W	240		130±5	31000±1200		224pcs SMD3030	
T31B-300W	300		130±5	39000±1500		336pcs SMD3030	
T31B-400W	400		130±5	52000±2000		448pcs SMD3030	
T31B-600W	600		130±5	78000±3000		672pcs SMD3030	

## Electrical datas

Operating frequency	47-63HZ
Type of current	AC100~277V
Power factor λ	>0.9
Efficiency in %	>92%
Start time (0.2s / 0.5s / ... )	0.1S
Warm-up time to 60 % (1.5s / 2s / ... )	0.5S

## Photometrical data

Available light colors	Warm white; Natural white; daylight white
Available color temperatures	3000K; 4000K; 5000K; 6000K
Color rendering index Ra	> 70
Standard deviation of color matching	< 3
UGR (Unified Glare Rating)	< 27
Available beam angles	30°/60°/90°/30*70°



## Standards & Certification

Type of protection	Ip65	Operating temp	20~+68 °C
Tested dielectric strength	3.75KVac	Ambient temperature	-30~+50 °C
Safety features features	Open circuit protection; Short circuit protection ; Overvoltage protection	Storage temperature	-40~+80 °C
Certificates	American market: UL, DLC Premium, cUL European market: TUV, GS, CB, CE, D-Mark Australian market: SAA, Ctick,RCM		
Energy efficiency class	A++		

## Temperatures & operating conditions

## Lifespan

Rated nominal Lifetime	5 Years	Base/Socket	Directly wired
Switching cycles	100,000 times	Dimmable	1-10V dimmable, DALI dimmable,
Lumen maintenance at e.o.l.	70%		

## Features/Capabilities and additional product data

## Packing Information

Model	Dimension	CTN SIZE(CM)	QTY/CTN	Net Weight/pcs(kg)	Gross Weight /CTN(kg)
T31B-100W/120W	600*130*130	65*31*18	2PCS	4	9.6
T31B-150W/180W	890*130*130	94*31*18	2PCS	5.5	12.8
T31B-200W/240W	1180*130*130	123*31*18	2PCS	7	16.5
T31B-300W	890*130*130	94*31*18	1PCS	11.3	13.5
T31B-400W	1180*270*135	123*31*18	1PCS	14.3	16.8
T31B-600W	1180*405*135	123*45*18	1PCS	21.8	24.8



# MagicSquare Module High Bay

## Features

- Highly energy efficient - up to 130 lm/w
- IP67 for indoor and outdoor use under all conditions
- Robust and modern design
- Long lifetime due to high quality LED chips and drivers
- D-Mark tested for the use in paper production, wood processing etc.
- 5 Years warranty



60W/100W/120W/150W/180W/240W

## Options

- Various beam angle options: 30°, 60°, 90°, 30°x70°,60°x90°,90°x120°
- Optional Mean well driver available
- 1-10V dimmable and DALI up to the 240W model available
- Microwave motion sensor up to the 240W model available
- Zigbee is up to the 240W model available

## Area of application

- Factories and warehouses
- Loading areas and freight yards
- Agriculture, Barns and riding halls
- Gas stations

## Certificates

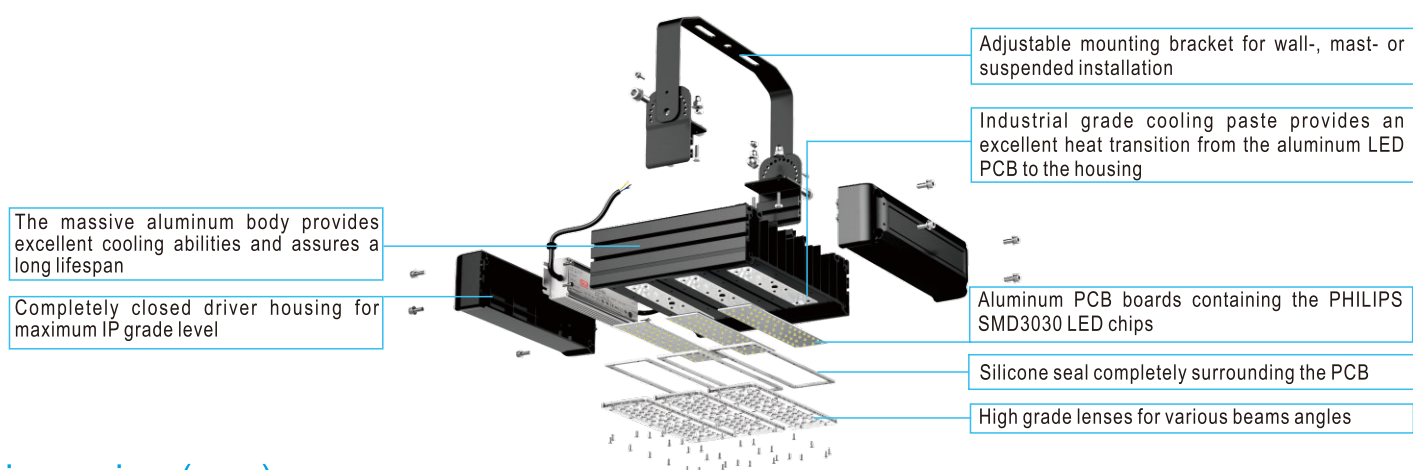
- American market: **UL, DLC Premium, cUL**
- European market: **TUV, GS, CB, CE (EMC, LVD, RoHS),D-Mark**
- Australian market: **SAA, C-Tick,RCM**



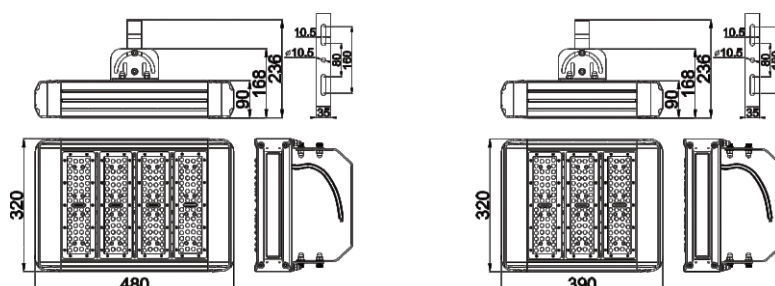


Our T36B MagicSquare series is designed for industrial and commercial lighting harboring the newest LED lighting technology for a wide range of applications. High grade materials and perfect workmanship provide excellent cooling abilities, low maintenance costs and a long lifespan. The enormous light output and the high efficiency make this modular high bay an ideal replacement for all sorts of traditional industrial lamps. Thanks to instant-on light the T36B series is ideally suitable for use combination with microwave sensor technology. The alignable brackets allow for precise light alignment.

## Exploded drawing

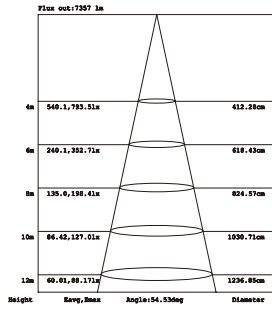
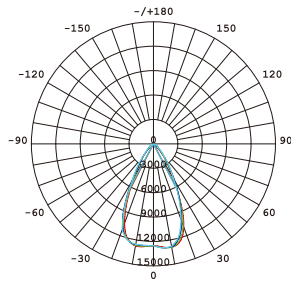


## Dimension (mm)

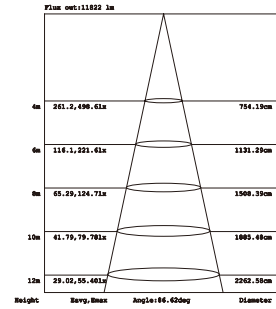
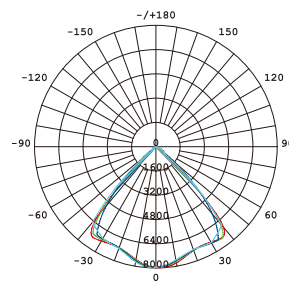


## Light Distribution Curve and Average E (LX) Figure---5000K

240W/60°



240W/90°



## Basic Specifications

Standard lumen (lm) (120lm/W~130lm/W)

Model	Nominal Wattages (W)	Nominal Voltage	Rated luminous efficacy (lm/w)	Nominal luminous flux (lumen)	Beam Angle	LED Quantity	CRI
T36B-60W	60	AC100~277V 50~60Hz	130±5	7500±300	30°/60°/90°/ 30*70°/60*90°	56PCS SMD3030	>70Ra
T36B-100W	100		130±5	13000±500		112PCS SMD3030	
T36B-120W	120		130±5	15000±600		112PCS SMD3030	
T36B-150W	150		130±5	19500±750		168PCS SMD3030	
T36B-180W	180		130±5	22500±900		168PCS SMD3030	
T36B-240W	240		130±5	30000±1200		224PCS SMD3030	

## Electrical datas

Operating frequency	47-63HZ	Available light colors	Warm white; Natural white; daylight white
Type of current	AC100~277V	Available color temperatures	3000K;4000K;5000K;6000K
Power factor λ	> 0.9	Color rendering index Ra	> 70
Efficiency in %	>92%	Standard deviation of color matching	<3
Start time (0.2s / 0.5s / ... )	0.1S	UGR (Unified Glare Rating)	<27
Warm-up time to 60 % (1.5s / 2s / ... )	0.5S	Available beam angles	30°/60°/90°/30*70°

## Photometrical data

## Standards & Certification

Type of protection	Ip67	Operating temp	20~+65℃
Tested dielectric strength	3.75KVac	Ambient temperature	-30~+50℃
Safety features features	Open circuit protection; Short circuit protection ; Overvoltage protection	Storage temperature	-40~+80℃
Certificates	American market: UL, DLC Premium, cUL European market: TUV, GS, CB, CE, RoHS Australian market: SAA, Cltick,RCM		
Energy efficiency class	A++		

## Temperatures & operating conditions



## Features/Capabilities and additional product data

### Lifespan

Rated nominal Lifetime	5 Years	Base/Socket	Directly wired
Switching cycles	100,000 times	Dimmable	1-10V dimmable, DALI dimmable,
Lumen maintenance at e.o.l.	70%		

### Packing Information

Model	Dimension	CTN SIZE(CM)	QTY/CTN	Net Weight/pcs(kg)	Gross Weight /CTN(kg)
T36B-60W	210*320*236	48*36*21	1PCS	4.5	12
T36B-100W/120W	300*320*236	35*39*24	1PCS	6.5	8.2
T36B-150W/180W	390*320*236	44*39*24	1PCS	8.5	10.5
T36B-200W/240W	480*320*236	53*39*24	1PCS	10	12.5



60W



100W/120W



150W/180W



200W/240W



# High Mast & Flood light

## Features

- Highly energy efficient - up to 130 lm/w
- High Luminous flux - up to 130000 lm
- IP67 for indoor and outdoor use under all conditions
- Available up to 1000W
- D-Mark tested for the use in paper production, wood processing etc.
- 5 Years warranty



120W/180W/240W/300W/500W/1000W

## Options

- Various beam angle options: 30°, 60°, 60°x90°, 90°x120°
- Optional Mean well driver available
- 1-10V dimmable and DALI up to the 240W model available
- Microwave motion sensor up to the 240W model available
- Zigbee is up to the 240W model available

## Area of application

- Highways and parking lots
- Loading areas and freight yards
- Ports and airports
- Sporting venues
- Industrial plants & power plants

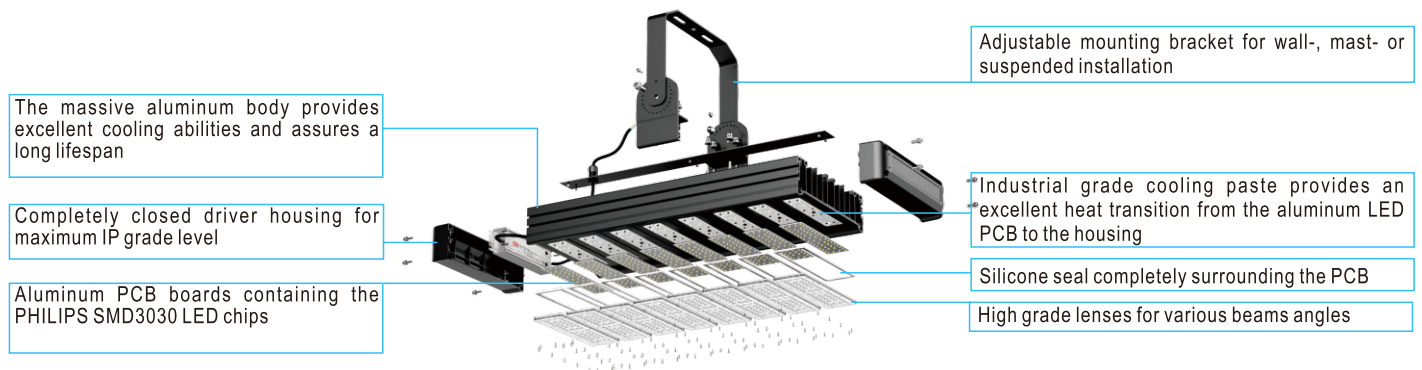
## Certificates

- American market: **UL, DLC Premium, cUL**
- European market: **TUV, GS, CB, CE (EMC, LVD, RoHS), D-Mark**
- Australian market: **SAA, C-Tick, RCM**

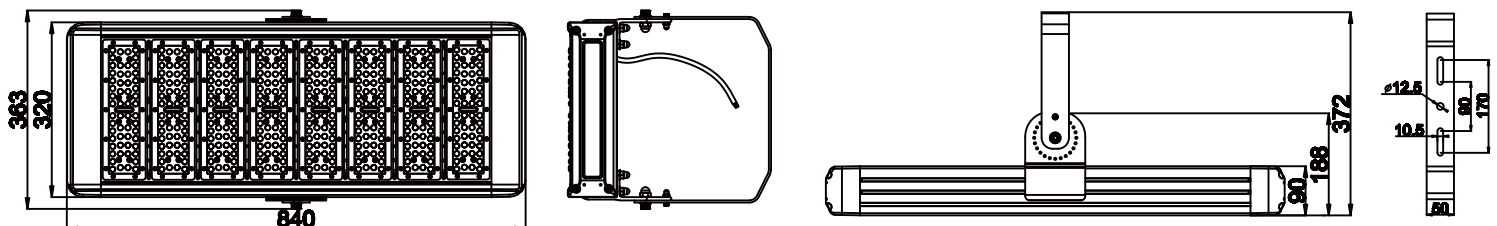


The HIFocus T36B is a modern and stylish LED high mast light for a very wide range of applications. It is mend to be used for sporting venues, freight yards, airports, commercial parking lots and shopping centers. With 130lm/w and up to 130000 lumen it can truly shine a light even in the darkest corners. Various beam angles through different lenses, high quality PHILIPS SMD3030 LED chips and advanced driver technology provide a perfectly homogeneous light distribution and a long lifespan. It is flexibly configurable and easy to install. Thanks to the high protection grade of IP67 it can be used indoor and outdoor even under harsh conditions.

## Exploded drawing

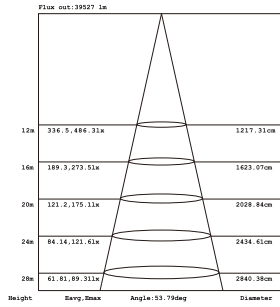
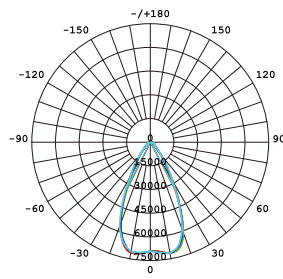


## Dimension (mm)

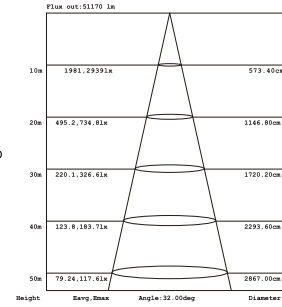
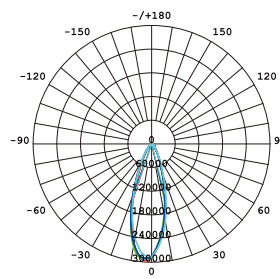


## Light Distribution Curve and Average E (LX) Figure---5000K

500W/60°



1000W/30°



## Basic Specifications

Model	Nominal Wattages (W)	Nominal Voltage	Rated luminous efficacy (lm/w)	Nominal luminous flux (lumen)	Beam Angle	LED Quantity	CRI
T36B-120W	120	AC100~277V 50~60Hz	130±5	15000±600	30°/60°/90°/ 30°*70°/60°*90°/ 90°*120°	112PCS SMD3030	> 70Ra
T36B-180W	180		130±5	23400±900		168PCS SMD3030	
T36B-240W	240		130±5	31000±1200		224PCS SMD3030	
T36B-300W	300		130±5	39000±1500		280PCS SMD3030	
T36B-500W	500		130±5	65000±2500		448PCS SMD3030	
T36B-1000W	1000		130±5	130000±5000		896PCS SMD3030	

## Electrical datas

Operating frequency	47-63HZ	Available light colors	Warm white; Natural white; daylight white
Type of current	AC100~277V	Available color temperatures	3000K; 4000K; 5000K; 6000K
Power factor λ	> 0.9	Color rendering index Ra	> 70
Efficiency in %	> 92%	Standard deviation of color matching	< 3
Start time (0.2s / 0.5s / ...)	0.1S	UGR (Unified Glare Rating)	< 27
Warm-up time to 60 % (1.5s / 2s / ...)	0.5S	Available beam angles	30°/60°/90°/30°*70°/60°*90°

## Photometrical data

## Standards & Certification

Type of protection	Ip67
Tested dielectric strength	3.75KVac
Safety features features	Open circuit protection; Short circuit protection; Overvoltage protection
Certificates	American market: UL, DLC Premium, cUL European market: TUV, GS, CB, CE, D-Mark Australian market: SAA, Ctick, RCM
Energy efficiency class	A++

## Temperatures & operating conditions

Operating temp	20~+65℃
Ambient temperature	-30~+50℃
Storage temperature	-40~+80℃



## Features/Capabilities and additional product data

### Lifespan

Rated nominal Lifetime	5 Years	Base/Socket	Directly wired
Switching cycles	100,000 times	Dimmable	1-10V dimmable, DALI dimmable,
Lumen maintenance at e.o.l.	70%		

### Packing Information

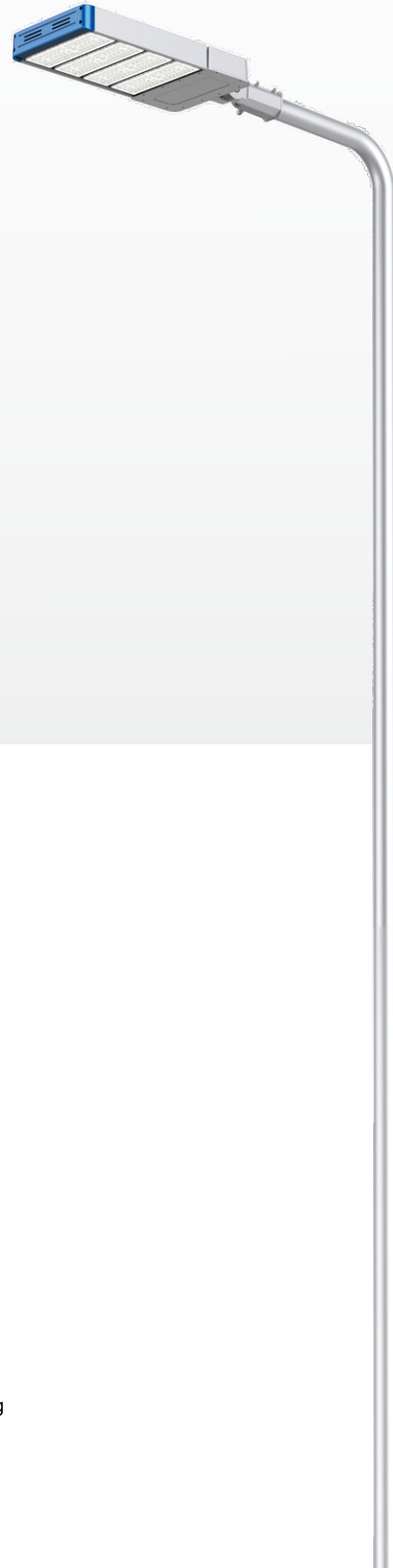
Model	Dimension	CTN SIZE(CM)	QTY/CTN	Net Weight/pcs(kg)	Gross Weight /CTN(kg)
T36B-120W	300*363*372	35*39*24	1PCS	7.8	9.3
T36B-180W	390*363*372	44*39*24	1PCS	9.5	11.5
T36B-240W	480*363*372	53*39*24	1PCS	10.8	13.8
T36B-300W	570*363*372	62*39*24	1PCS	13.2	16.5
T36B-500W	840*363*372	89*39*24	1PCS	18.5	22.3
T36B-1000W	840*768*522	89*79*24	1PCS	38.5	43.5



# Street Light & Parking Lot

## Features

- Highly energy efficient - up to 135 lm/w
- High Luminous flux - up to 31000 lm
- IP67 for indoor and outdoor use under all conditions
- Available from 60W up to 240W
- 5 Years warranty



60W/100W/120W/150W/180W/200W/240W

## Options

- Beam angle options: 60°, 90°, 60°x90° and 85°x155°
- Optional Mean well driver available
- 1-10V dimmable available
- Microwave motion sensor available

## Area of application

- Highways and parking lots
- Loading areas and freight yards
- Ports and airports
- Sporting venues and parks areas

## Certificates

- American market: (UL, DLC Premium, cUL) Pending
- European market: (TUV, GS, CB, CE (EMC, LVD, RoHS), D-Mark) Pending
- Australian market: (SAA, C-Tick, RCM) Pending

The T60 Street light is the newest member of our product family. This modern and stylish LED Street light was designed for a wide range of applications. Advanced driver technology and high grade Philips SMD LED chips deliver around 135lm/w and provide a perfectly homogeneous light distribution. Wall- or pole mounted it is adjustable to any required installation angel. The massive housing assures high heat efficiency and a long lifespan. Thanks to the high protection grade of IP67 it can be used indoor and outdoor even under harsh conditions.

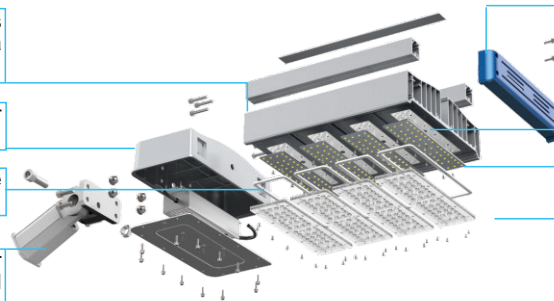
## Exploded drawing

The massive aluminum body provides excellent cooling abilities and assures a long lifespan

Completely closed and well-sealed driver housing for maximum IP grade level

Silicone seal completely surrounding the PCB

Different mounting methods for wall or mast installation including an fast and easy way to set the required installation angel



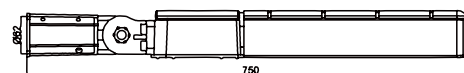
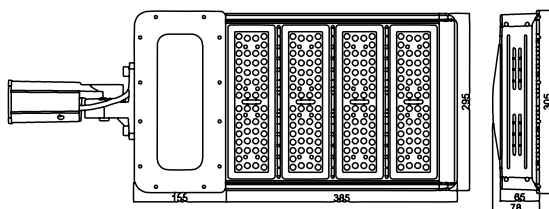
Modern end-cap providing a stylish look

Industrial grade cooling paste provides an excellent heat transition from the aluminum LED PCB to the housing

Aluminum PCB boards containing the SMD LED chips

High grade lenses for various beams angles

## Dimension (mm)

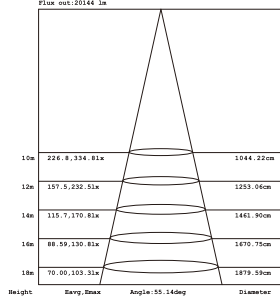
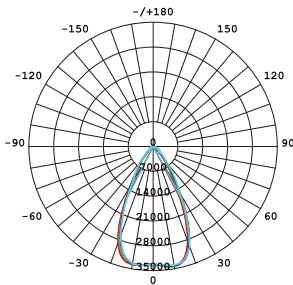


200W/240W

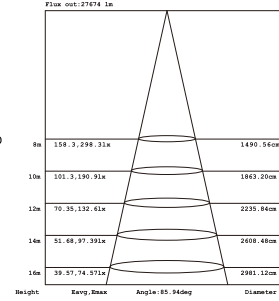
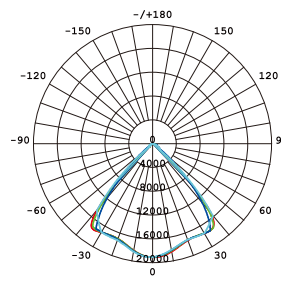


## Light Distribution Curve and Average E (LX) Figure---5000K

240W/60°



240W/90°



## Basic Specifications

Model	Nominal Wattages (W)	Nominal Voltage	Rated luminous efficacy (lm/w)	Nominal luminous flux (lumen)	Beam Angle	LED Quantity	CRI
T60-60W	60	AC100~277V 50~60Hz	130±5	7800±300	60°/90°/ 60*90°/85*155°	56PCS SMD3030	>70Ra
T60-100W	100		130±5	13000±500		112PCS SMD3030	
T60-120W	120		130±5	15600±600		112PCS SMD3030	
T60-150W	150		130±5	19500±750		168PCS SMD3030	
T60-180W	180		130±5	23000±900		168PCS SMD3030	
T60-200W	200		130±5	26000±1000		224PCS SMD3030	
T60-240W	240		130±5	31000±1200		224PCS SMD3030	

## Electrical datas

Operating frequency	47-63HZ	Available light colors	Warm white; Natural white; daylight white
Type of current	AC100~277V	Available color temperatures	3000K; 4000K; 5000K; 6000K
Power factor λ	>0.9	Color rendering index Ra	>70
Efficiency in %	>92%	Standard deviation of color matching	<3
Start time (0.2s / 0.5s / ...)	0.1S	UGR (Unified Glare Rating)	<25
Warm-up time to 60 % (1.5s / 2s / ...)	0.5S	Available beam angles	120°

## Photometrical data

## Standards & Certification

Type of protection	Ip67	Operating temp	20~+70 °C
Tested dielectric strength	3.75KVac	Ambient temperature	-30~+50 °C
Safety features features	Open circuit protection; Short circuit protection ; Overvoltage protection	Storage temperature	-40~+80 °C
Certificates	Pending		
Energy efficiency class	A++		

## Temperatures & operating conditions

## Features/Capabilities and additional product data

### Lifespan

Rated nominal Lifetime	5 Years	Base/Socket	Directly wired
Switching cycles	100,000 times	Dimmable	Dimmable upon request
Lumen maintenance at e.o.l.	70%		

### Packing Information

Model	Dimension (MM)	CTN SIZE(CM)	QTY/CTN	Net Weight/pcs(kg)	Gross Weight /CTN(kg)
T60-60W	480*305*78	53*34*12	1PCS	6	7.5
T60-100W/120W	570*305*78	62*34*12	1PCS	7.8	9.8
T60-150W/180W	660*305*78	71*34*12	1PCS	9.5	12
T60-200W/240W	750*305*78	80*34*12	1PCS	11.2	5



## E-Wind

# Non-corrosive/Vapor Tight Fixture

### Features

- Perfectly suitable for industrial use due to IP65
- Single installation or use as continuous line
- Quick and easy installation
- Robust and durable aluminum housing
- Long lifetime due to high quality LED chips and drivers
- 5 Years warranty



50W/60W

### Options

- Optional Mean well driver available
- CRI 90 Ra available upon request
- 1-10V dimmable
- Optional emergency power supply

### Area of application

- Factories and other worksites
- Parking Facilities, corridors and halls
- Storage rooms and warehouses

### Certificates

- American market: **UL, DCL Premium, cUL**
- European market: **CE (EMC, LVD, RoHS)**
- Australian market: /



The T52 is a robust and modern LED Tri-proof light designed for inside and outside industrial or commercial use. Due to its durable aluminum it is well suited for all sorts' of worksites, parking garages and warehouses. Its wide beam angel and the high grade Refond SMD2835 LED chips assure a perfectly homogeneous lighting distribution. It can be installed as a single light solution as well as in a continuous line throughout a hall. Quick connectors on each side allow for a quick and easy installation. The large surface area of the aluminum housing provides excellent cooling and a long lifespan.

### Exploded drawing

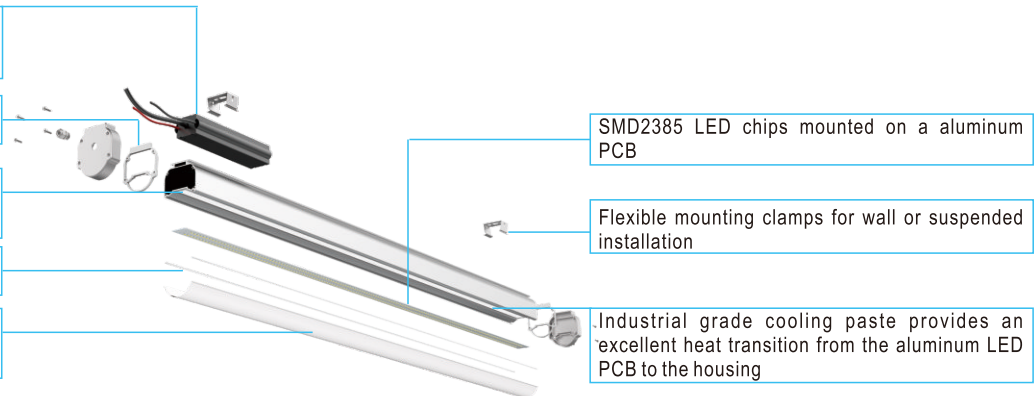
The build-in driver is wrapped in an insulating plastic casing providing better dielectric strength ratings

Perfectly tight end-caps due to a high grade silicone seal

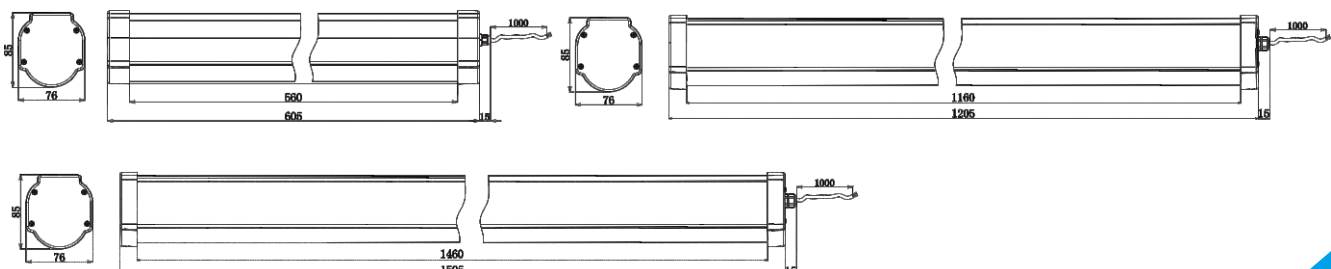
Massive D-Shape aluminum body with 1.2 mm thickness providing stability and excellent heat dissipation

High grade silicon seals provide a tied fit for the cover

The break-resistant polycarbonate cover provides a perfect homogeneous light distribution.

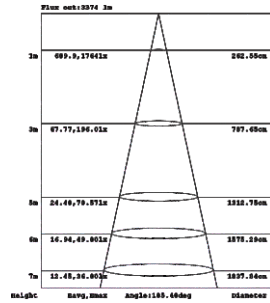
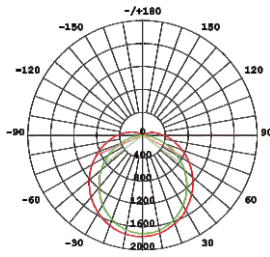


### Dimension (mm)

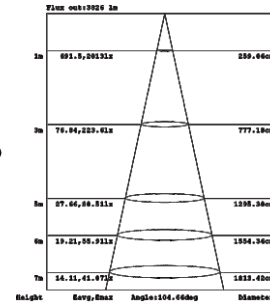
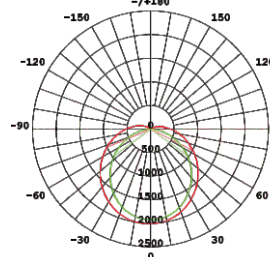


## Light Distribution Curve and Average E (LX) Figure---5000K

50W



60W



### Basic Specifications

Model	Nominal Wattages (W)	Nominal Voltage	Rated luminous efficacy (lm/w)	Nominal luminous flux (lumen)	Beam Angle	LED Quantity	CRI
T52-50W12	50	AC100~277V 50~60Hz	120±5	6000±250	120°	216pcs SMD2835	> 80Ra
T52-60W12	60		120±5	7000±300		336pcs SMD2835	
T52-60W15	60		120±5	7000±300		336pcs SMD2835	

### Electrical datas

Operating frequency	47-63HZ	Available light colors	Warm white; Natural white; daylight white
Type of current	AC100~277V	Available color temperatures	3000K; 4000K; 5000K; 6000K
Power factor λ	> 0.9	Color rendering index Ra	> 80
Efficiency in %	> 92%	Standard deviation of color matching	< 3
Start time (0.2s / 0.5s / ...)	0.1S	UGR (Unified Glare Rating)	< 21
Warm-up time to 60 % (1.5s / 2s / ...)	0.5S	Available beam angles	120°

### Photometrical data

### Standards & Certification

Type of protection	Ip65	Operating temp	20~+69℃
Tested dielectric strength	3.75KVac	Ambient temperature	-40~+50℃
Safety features features	Open circuit protection; Short circuit protection; Overvoltage protection	Storage temperature	-40~+80℃
Certificates	American market: UL, DLC Premium, cUL European market: CE (EMC, LVD, RoHS) Australian market:		
Energy efficiency class	A+		

### Temperatures & operating conditions

## Features/Capabilities and additional product data

### Lifespan

Rated nominal Lifetime	5 Years	Base/Socket	Directly wired
Switching cycles	100,000 times	Dimmable	1-10V dimmable
Lumen maintenance at e.o.l.	70%		

### Packing Information

Model	Dimension(mm)	CTN SIZE(CM)	QTY/CTN	Net Weight/pcs(kg)	Gross Weight /CTN(kg)
T52-50W12	1205*75*85	130*43*21	6PCS	2.5	21.8
T52-60W12	1205*75*85	130*43*21	6PCS	2.5	21.8
T52-60W15	1505*75*85	160*43*21	6PCS	3.5	27.8





# E-Cloud

## Non-corrosive/Vapor Tight Fixture

### Features

- Highly energy efficient - up to 130 lm/w
- IP67 and IK10 for indoor and outdoor use under all conditions
- Single installation or use as continuous line
- Quick and easy installation
- D-Mark tested for the use in paper production, wood processing etc.
- 5 Years warranty



20W/40W/55W

### Options

- CRI 90 Ra available upon request

### Area of application

- Production areas with harsh conditions
- Parking Facilities, corridors and halls
- Storage rooms and warehouses

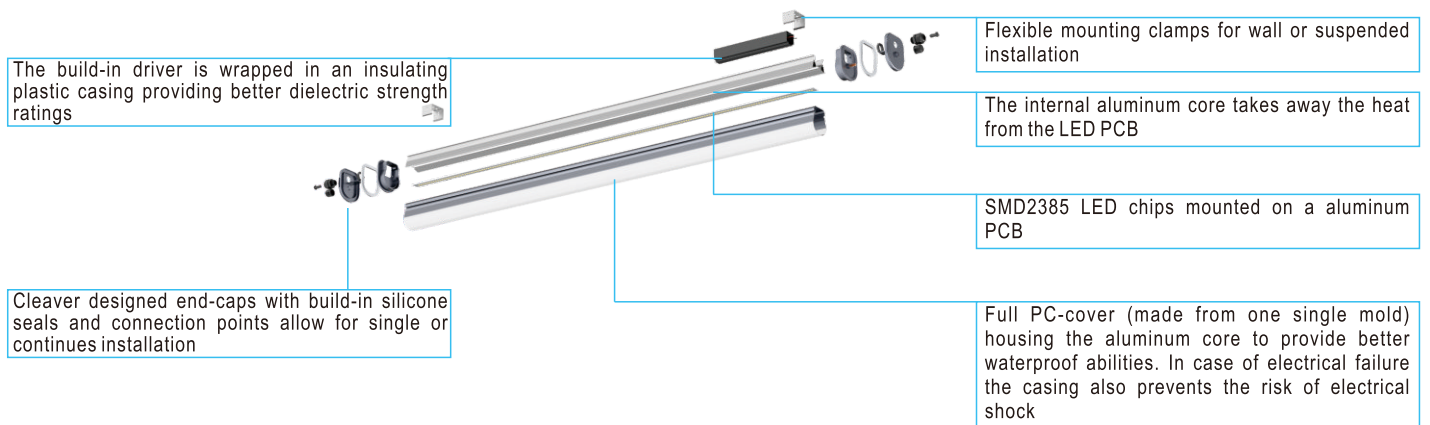
### Certificates

- European market: **CE (EMC, LVD, RoHS), D-Mark**

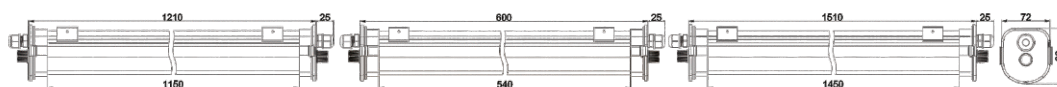


The E-Cloud T53 is a modern and clever designed LED Tri-proof light for industrial areas. Its polycarbonate housing is cast from a single mold and absolutely dust and waterproof. The end caps on both sides can be opened without tools and they include a durable silicon seal which makes this product truly suitable for indoor and outdoor use even under harsh conditions. Its wide beam angel of 120° and the high grade Refond SMD2835 LED chips assure a perfectly homogeneous lighting distribution. A suitably large aluminum core allows for good cooling and a long lifespan. It can be installed as a single light solution as well as in a continuous line throughout a hall.

### Exploded drawing

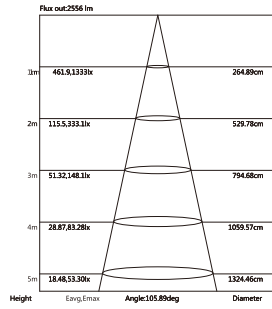
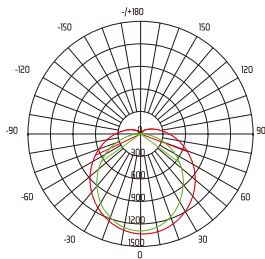


### Dimension (mm)

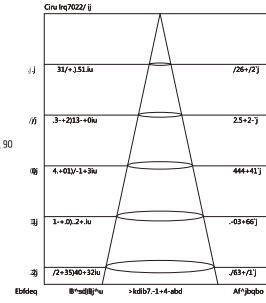
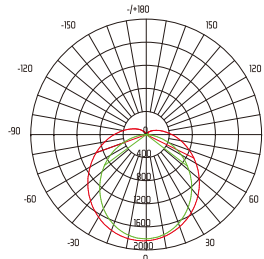


## Light Distribution Curve and Average E (LX) Figure---5000K

40W/CW



55W/CW



### Basic Specifications

Standard lumen (lm) (130lm/W)

Model	Nominal Wattages (W)	Nominal Voltage	Rated luminous efficacy (lm/w)	Nominal luminous flux (lumen)	Beam Angle	LED Quantity	CRI
T53-20W06	20	AC100~277V 50~60Hz	125±5	2500±100	120°	72pcs 0.5W SMD2835	> 80Ra
T53-40W12	40		125±5	5000±200		144pcs 0.5W SMD2835	
T53-55W15	55		125±5	6800±275		192pcs 0.5W SMD2835	

### Electrical datas

Operating frequency	47-63Hz	Available light colors	Warm white; Natural white; daylight white
Type of current	AC100~277V	Available color temperatures	3000K; 4000K; 5000K; 6000K
Power factor λ	> 0.9	Color rendering index Ra	> 80
Efficiency in %	> 92%	Standard deviation of color matching	< 3
Start time (0.2s / 0.5s / ...)	0.1S	UGR (Unified Glare Rating)	< 25
Warm-up time to 60 % (1.5s / 2s / ...)	0.5S	Available beam angles	120°

### Photometrical data

### Standards & Certification

Type of protection	Ip67	Operating temp	20~+69°C
Tested dielectric strength	3.75KVac	Ambient temperature	-30~+50°C
Safety features features	Open circuit protection; Short circuit protection; Overvoltage protection	Storage temperature	-40~+80°C
Certificates	European market: CE, D-Mark		
Energy efficiency class	A+		

### Temperatures & operating conditions



## Features/Capabilities and additional product data

### Lifespan

Rated nominal Lifetime	5 Years	Base/Socket	Directly wired
Switching cycles	100,000 times	Dimmable	/
Lumen maintenance at e.o.l.	70%		

### Packing Information

Model	Dimension	CTN SIZE(CM)	QTY/CTN	Net Weight/pcs(kg)	Gross Weight /CTN(kg)
T53-20W06	600*82*72	71*35*23	6PCS	1	8.8
T53-40W12	1210*82*72	132*35*23	6PCS	1.8	14.5
T53-55W15	1510*82*72	162*35*23	6PCS	2.3	18.8



# Easy-Connect Suspended Linear Fixture

## Features

- Highly energy efficient - up to 130 lm/w
- High Luminous flux - up to 7800 lm
- Single use or continuous-run installation
- No gaps or seams between the fixtures
- Quick and easy installation
- 5 Years warranty



40W/60W

## Options

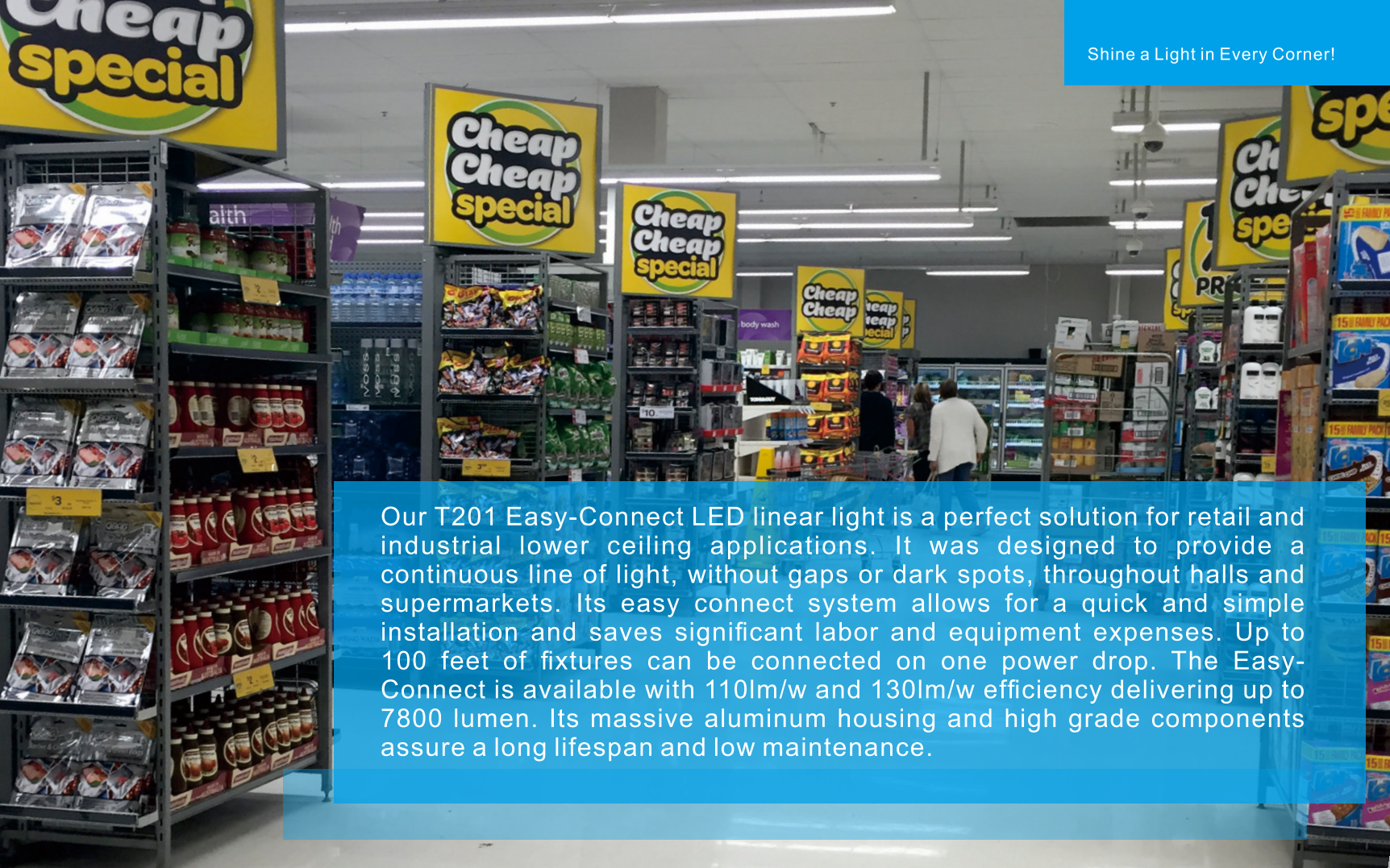
- Optional Mean well driver available
- CRI 90 Ra available upon request
- Optional emergency power supply

## Area of application

- Factories and other worksites
- Supermarkets, shops and exhibitions
- Storage rooms and warehouses

## Certificates

- American market: **UL, DLC Premium, cUL**
- European market: **CE (EMC, LVD, RoHS)**
- Australian market: **SAA, C-Tick, RCM**



Our T201 Easy-Connect LED linear light is a perfect solution for retail and industrial lower ceiling applications. It was designed to provide a continuous line of light, without gaps or dark spots, throughout halls and supermarkets. Its easy connect system allows for a quick and simple installation and saves significant labor and equipment expenses. Up to 100 feet of fixtures can be connected on one power drop. The Easy-Connect is available with 110lm/w and 130lm/w efficiency delivering up to 7800 lumen. Its massive aluminum housing and high grade components assure a long lifespan and low maintenance.

### Exploded drawing

The massive aluminum housing with 1.3 mm thickness provides stability and excellent heat dissipation abilities

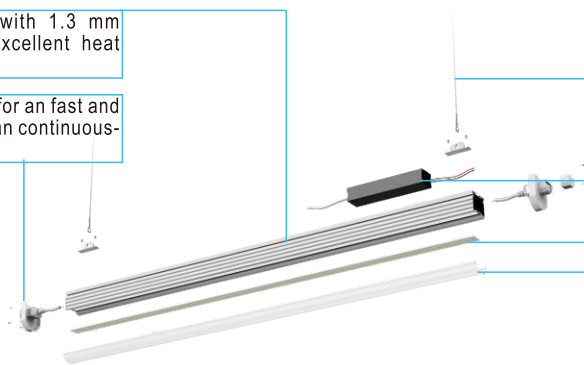
The end-caps are designed to allow for an fast and easy installation for single use or in an continuous-run-installation without gaps

Reliable and stable mounting system for a safe and easy installation. The stainless steel hanging rope accessories (30KG weight capacity) are corrosion and aging resistant

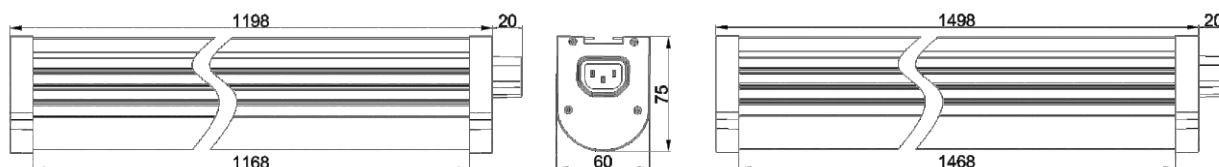
The build-in driver is wrapped in an insulating plastic casing providing better dielectric strength ratings

Aluminum PCB containing the SMD LED chips

The break-resistant polycarbonate cover provides a perfect homogeneous light distribution.



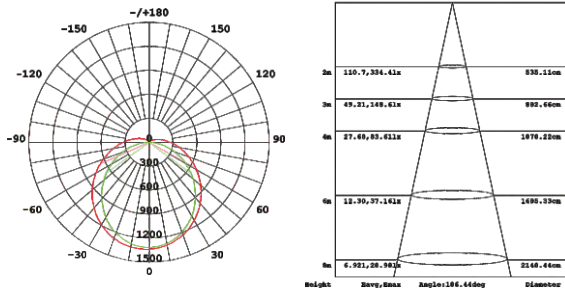
### Dimension (mm)



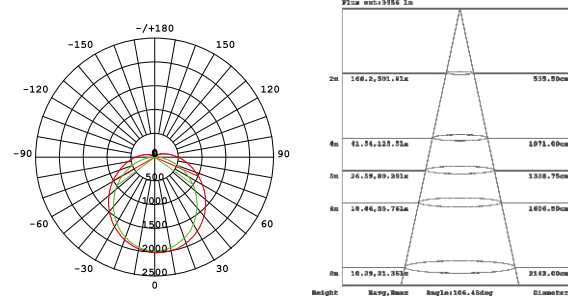


## Light Distribution Curve and Average E (LX) Figure---5000K

40W



60W



## Basic Specifications

Standard lumen (110lm~120lm/W)

Model	Nominal Wattages (W)	Nominal Voltage	Rated luminous efficacy (lm/w)	Nominal luminous flux (lumen)	Beam Angle	LED Quantity	CRI
T201-40W12	40	AC100~277V 50~60Hz	110±5	4400±200	120°	216pcs 0.2W SMD2835	>80Ra
T201-60W12	60		110±5	6600±300		336pcs 0.2W SMD2835	
T201-60W15	60		110±5	6600±300		336pcs 0.2W SMD2835	

Lumen Plus (130lm/W)

Model	Nominal Wattages (W)	Nominal Voltage	Rated luminous efficacy (lm/w)	Nominal luminous flux (lumen)	Beam Angle	LED Quantity	CRI
T201-60W12	60	AC100~277V 50~60Hz	130±5	7800±300	120°	336pcs 0.5W SMD2835	>80Ra
T201-60W15	60		130±5	7800±300		336pcs 0.5W SMD2835	

## Electrical datas

Operating frequency	47-63HZ	Available light colors	Warm white; Natural white; daylight white
Type of current	AC100~277V	Available color temperatures	3000K; 4000K; 5000K; 6000K
Power factor λ	>0.9	Color rendering index Ra	>80
Efficiency in %	>92%	Standard deviation of color matching	<3
Start time (0.2s / 0.5s / ...)	0.1S	UGR (Unified Glare Rating)	<25
Warm-up time to 60 % (1.5s / 2s / ...)	0.5S	Available beam angles	120°

## Photometrical data

## Standards & Certification

Type of protection	Ip65	Operating temp	20~+69℃
Tested dielectric strength	3.75KVac	Ambient temperature	-30~+50℃
Safety features features	Open circuit protection; Short circuit protection ; Overvoltage protection	Storage temperature	-40~+80℃
Certificates	American market: UL, DLC Premium, cUL European market: CE(EMC, LVD, RoHS) Australian market: SAA, Ctick,RCM		
Energy efficiency class	A++		

## Temperatures & operating conditions

## Lifespan

Rated nominal Lifetime	5 Years	Base/Socket	Directly wired
Switching cycles	100,000 times	Dimmable	/
Lumen maintenance at e.o.l.	70%		

## Features/Capabilities and additional product data

## Packing Information

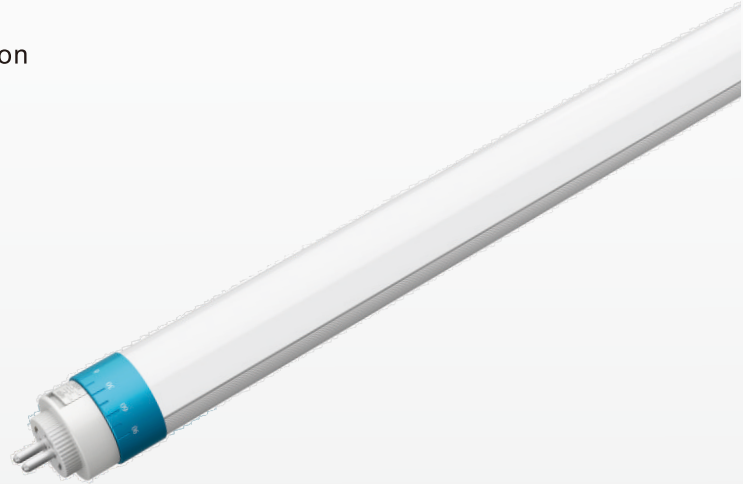
Model	Dimension	CTN SIZE(CM)	QTY/CTN	Net Weight/pcs(kg)	Gross Weight /CTN(kg)
T201-40W12	40	135*28*17	6PCS	2.2	20
T201-60W12	60	135*28*17	6PCS	2.2	20
T201-60W15	60	165*28*17	6PCS	3	24



# LED T5

## Features

- Highly energy efficient - up to 145 lm/w
- Internal driver for an easy and convenient installation
- Very high cover transparency up to 93%
- No UV or IR and completely mercury free
- 5 Years warranty



9W/18W/25W/30W

## Benefits

- Very cost-efficient retrofit solution
- Safe and easy installation due to Anti-electric shock design with single end power supply
- Can replace 49W and 80W regular florescent lamps

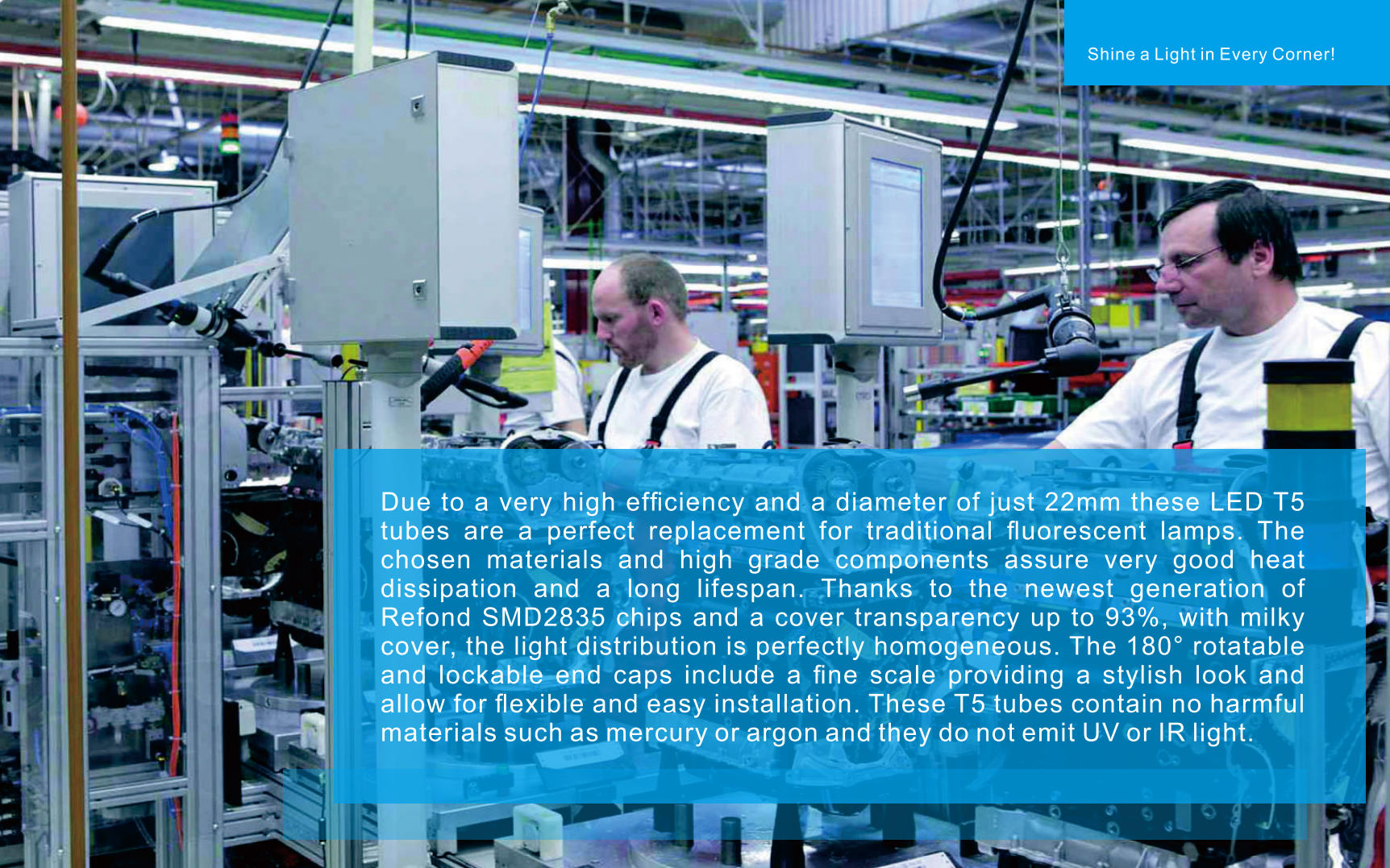
## Area of application

- Factories and warehouses
- Exhibition- & showrooms
- Cleanrooms and laboratories
- Hallways & corridors

## Certificates

- European market: **CE (EMC, LVD, RoHS)**



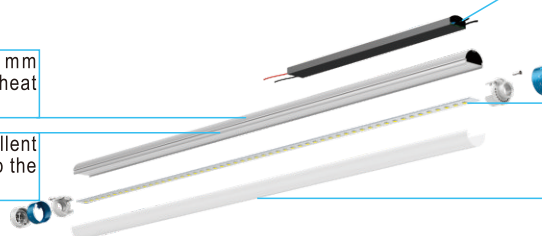


Due to a very high efficiency and a diameter of just 22mm these LED T5 tubes are a perfect replacement for traditional fluorescent lamps. The chosen materials and high grade components assure very good heat dissipation and a long lifespan. Thanks to the newest generation of Refond SMD2835 chips and a cover transparency up to 93%, with milky cover, the light distribution is perfectly homogeneous. The 180° rotatable and lockable end caps include a fine scale providing a stylish look and allow for flexible and easy installation. These T5 tubes contain no harmful materials such as mercury or argon and they do not emit UV or IR light.

## Exploded drawing

The D-Shape aluminum body with 0.6 mm thickness provides stability and excellent heat dissipation

High grade cooling paste provides an excellent heat transition from the aluminum LED PCB to the housing



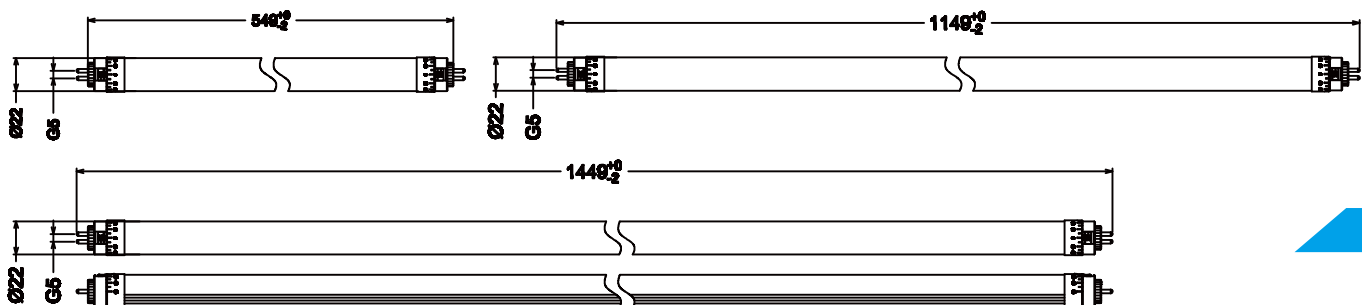
The build-in driver is wrapped in an insulating plastic casing providing better dielectric strength ratings

Rotatable and lockable end-caps including a ring with a fine scale to better adjust the installation angle

Aluminum PCB containing the SMD2835 LED chips.

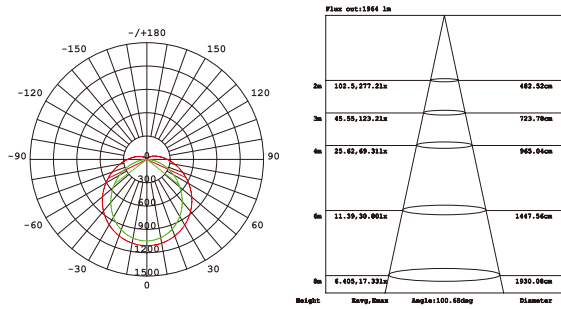
Bend and break resistant milky PC cover with a very high cover transparency up to 93%

## Dimension (mm)

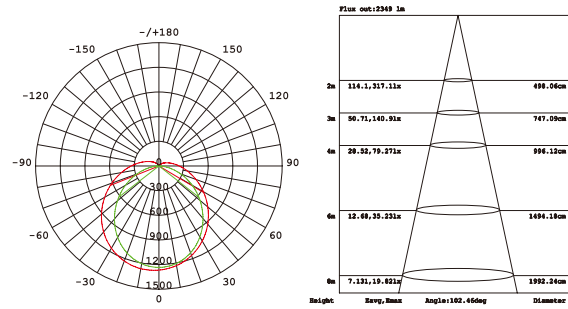


## Light Distribution Curve and Average E (LX) Figure---5000K

25W



30W



## Basic Specifications

Standard lumen (lm) (120lm/W~130lm/W)

Model	Nominal Wattages (W)	Nominal Voltage	Rated luminous efficacy (lm/w)	Nominal luminous flux (lumen)	Beam Angle	LED Quantity	CRI
T519L06-9W	9	AC100~277V 50~60Hz	120±5	1125± 45 lm	120°	72pcs SMD2835	>80Ra
T519L12-18W	18		120±5	2250± 90 lm		168pcs SMD2835	
T519L12-25W	25		120±5	3000± 125 lm		168pcs SMD2835	
T519L15-25W	25		120±5	3000± 120 lm		240pcs SMD2835	
T519L15-30W	30		120±5	3600± 150 lm		240pcs SMD2835	

Lumen Plus(lm) (140lm/W~150lm/W)

Model	Nominal Wattages (W)	Nominal Voltage	Rated luminous efficacy (lm/w)	Nominal luminous flux (lumen)	Beam Angle	LED Quantity	CRI
T519L06-9W Lumen plus	9	AC100~277V 50~60Hz	145±5	1305±45 lm	120°	72pcs SMD2835	>80Ra
T519L12-18W Lumen plus	18		145±5	2610±90 lm		168pcs SMD2835	
T519L12-25W Lumen plus	25		145±5	3500±125 lm		168pcs SMD2835	
T519L15-25W Lumen plus	25		145±5	3480±120 lm		240pcs SMD2835	
T519L15-30W Lumen plus	30		145±5	4200±150 lm		240pcs SMD2835	

## Electrical datas

## Photometrical data

Operating frequency	50-60Hz	Available light colors	Warm white; Natural white; daylight white
Type of current	AC100~277V	Available color temperatures	3000K; 4000K; 5000K; 6000K
Power factor λ	>0.95	Color rendering index Ra	>80
Efficiency in %	>92%	Standard deviation of color matching	<5
Start time (0.2s / 0.5s / ...)	0.5S	UGR (Unified Glare Rating)	<25
Warm-up time to 60 % (1.5s / 2s / ...)	0.5S	Available beam angles	120°

## Standards & Certification

Type of protection	Ip20	Operating temp	20~+40 °C
Tested dielectric strength	3.75KVac	Ambient temperature	-20~+40 °C
Safety features features	Open circuit protection; Short circuit protection ; Overvoltage protection	Storage temperature	-40~+80 °C
Certificates	European market: CE (EMC, LVD, RoHS)		
Energy efficiency class	A+ & A++		

## Temperatures & operating conditions

## Lifespan

Rated nominal Lifetime	5 Years	Base/Socket	G5
Switching cycles	100,000 times	Dimmable	No Dimmable
Lumen maintenance at e.o.l.	70%		

## Features/Capabilities and additional product data

## Packing Information

Model	Dimension	Single Box	QTY/CTN	Net Weight/pcs(kg)	Gross Weight /CTN(kg)
600mm	Φ22*L549±1	T5 Tube	25pcs	115	2.67
1200mm	Φ22*L1149±1	T5 Tube	25pcs	230	9.12
1500mm	Φ22*L1449±1	T5 Tube	25pcs	300	11.33





# LED T8(T812)

## Features

- Extremely energy efficient - up to real 150 lm/w
- 180° rotatable and lockable end caps including a fine scale for your convenience
- $\Phi 26\text{mm}$  diameter for tube body as well as for the end caps
- Suitable for waterproof lamp sockets
- No UV or IR and completely mercury free
- 5 Years warranty



9W/18W/22W/30W

## Options

- Different end caps available
- CRI 90 Ra available upon request
- Fresh Food model available upon request
- Blue and green end-cap-rings can be provided
- Clear or milky cover available

## Area of application

- Factories and warehouses
- Supermarkets, shops and exhibitions
- Blue and green end-cap-rings can be provided
- Clear or milky cover available
- Refrigerators & storerooms
- Parking Facilities, corridors and halls

## Certificates

- European market: **TUV, CE (EMC, LVD, RoHS)**



By using high grade drivers and modern Refond LED chips these T8 LED tubes deliver up to 150 lm/w efficiency. A round shape with a diameter of 26mm for the tube body and the end caps allow for usage in all regular fixtures as well as the use of waterproof sockets. High grade aluminum and perfect workmanship provide excellent cooling abilities and a long lifespan. The 180° rotatable and lockable end caps include a fine scale providing a stylish look and allow for flexible and easy installation. These T8 tubes contain no harmful materials such as mercury or argon and they do not emit UV or IR light.

### Exploded drawing

The build-in driver is specially designed to reach the maximum amount of possible switching cycles assuring a long lifespan

High grade cooling paste provides an excellent heat transition from the aluminum LED PCB to the housing

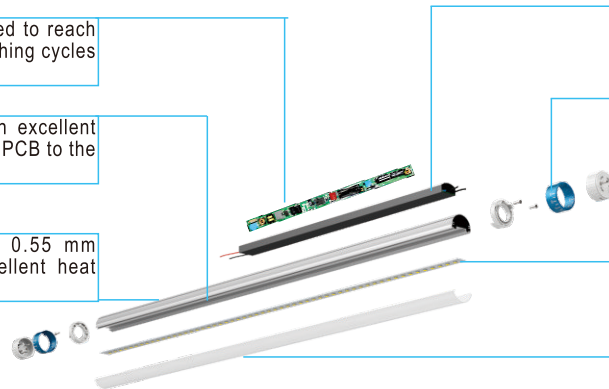
The D-Shape aluminum body with 0.55 mm thickness provides stability and excellent heat dissipation

The insulating plastic casing is providing better dielectric strength ratings

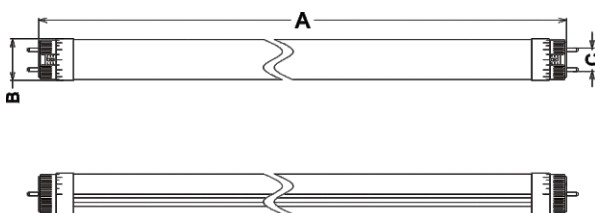
Rotatable and lockable end-caps including a ring with a fine scale to better adjust the installation angel

Aluminum PCB containing the SMD2835 LED chips.

Bend and break resistant milky PC cover with a very high cover transparency



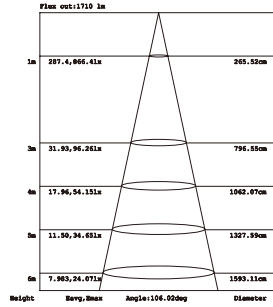
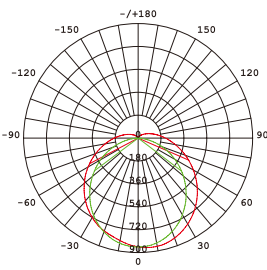
### Dimension (mm)



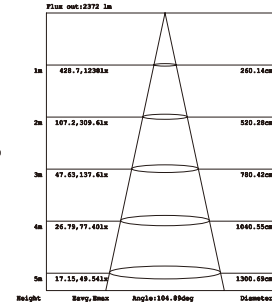
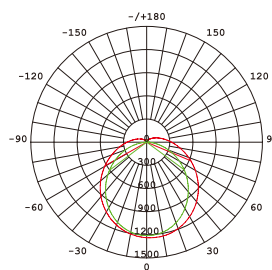
Model NO	Size A(mm)	Size B(mm)	Size C(Base)
FYT-T82A06-9W	588	Ø26	G13
FYT-T82A12-18W	1198	Ø26	G13
FYT-T82A15-22W	1498	Ø26	G13
FYT-T82A15-30W	1498	Ø26	G13
FYT-T82B15-30W	1498	Ø26	G13

## Light Distribution Curve and Average E (LX) Figure---5000K

22W



30W



### Basic Specifications

Standard lumen (lm) (120lm/W~130lm/W)

Model	Nominal Wattages (W)	Nominal Voltage	Rated luminous efficacy (lm/w)	Nominal luminous flux (lumen)	Beam Angle	LED Quantity	CRI
T812L06-9W	9	AC100~277V 50~60Hz	125± 5	1125± 45	120°	72pcs SMD2835	> 80Ra
T812L12-18W	18		125± 5	2250± 90		168pcs SMD2835	
T812L12-22W	22		123± 5	2706± 110		168pcs SMD2835	
T812L15-22W	22		127± 5	2794± 110		240pcs SMD2835	
T812L15-30W	30		120± 5	3600± 150		240pcs SMD2835	

Lumen Plus(lm) (140lm/W~150lm/W)

Model	Nominal Wattages (W)	Nominal Voltage	Rated luminous efficacy (lm/w)	Nominal luminous flux (lumen)	Beam Angle	LED Quantity	CRI
T812L06-9W Lumen plus	9	AC100~277V 50~60Hz	145± 5	1305±45	120°	72pcs SMD2835	> 80Ra
T812L12-18W Lumen plus	18		145± 5	2610±90		168pcs SMD2835	
T812L12-22W Lumen plus	22		143± 5	3146±110		168pcs SMD2835	
T812L15-22W Lumen plus	22		147± 5	3234±110		240pcs SMD2835	
T812L15-30W Lumen plus	30		140± 5	4200±150		240pcs SMD2835	

### Electrical datas

Operating frequency	50-60Hz
Type of current	AC100~277V
Power factor λ	>0.95
Efficiency in %	> 89%
Start time (0.2s / 0.5s / ... )	0.5S
Warm-up time to 60 % (1.5s / 2s / ... )	0.5S

### Photometrical data

Available light colors	Warm white; Natural white; daylight white
Available color temperatures	3000K; 4000K; 5000K; 6000K
Color rendering index Ra	> 80
Standard deviation of color matching	< 5
UGR (Unified Glare Rating)	< 25
Available beam angles	120°



## Standards & Certification

Type of protection	Ip20	Operating temp	-20~+40 □
Tested dielectric strength	3.75KVac	Ambient temperature	-20~+40 °C
Safety features features	Open circuit protection; Short circuit protection ; Overvoltage protection	Storage temperature	-40~+80 °C
Certificates	European market: TUV, GS, CB, CE, RoHS		
Energy efficiency class	A+ & A++		

## Temperatures & operating conditions

## Lifespan

Rated nominal Lifetime	5 Years	Base/Socket	G13
Switching cycles	100,000 times	Dimmable	No Dimmable
Lumen maintenance at e.o.l.	70%		

## Features/Capabilities and additional product data

## Packing Information

Model	Dimension	Single Box	QTY/CTN	Net Weight/pcs(kg)	Gross Weight /CTN(kg)
600mm	Φ26*L588±1	T8 Tube	20pcs	190	7.5
1200mm	Φ26*L1198±1	T8 Tube	20pcs	330	12.5
1500mm	Φ26*L1498±1	T8 Tube	20pcs	400	15.5

9W 

18W/22w 

30W 

# LED T8(T819)

## Features

- Extremely energy efficient - up to real 170 lm/w
- 180° rotatable and lockable end caps including a fine scale for your convenience
- $\Phi$ 26mm diameter for tube body as well as for the end caps
- Suitable for waterproof lamp sockets
- No UV or IR and completely mercury free
- 5 Years warranty



9W/18W/25W/30W

## Options

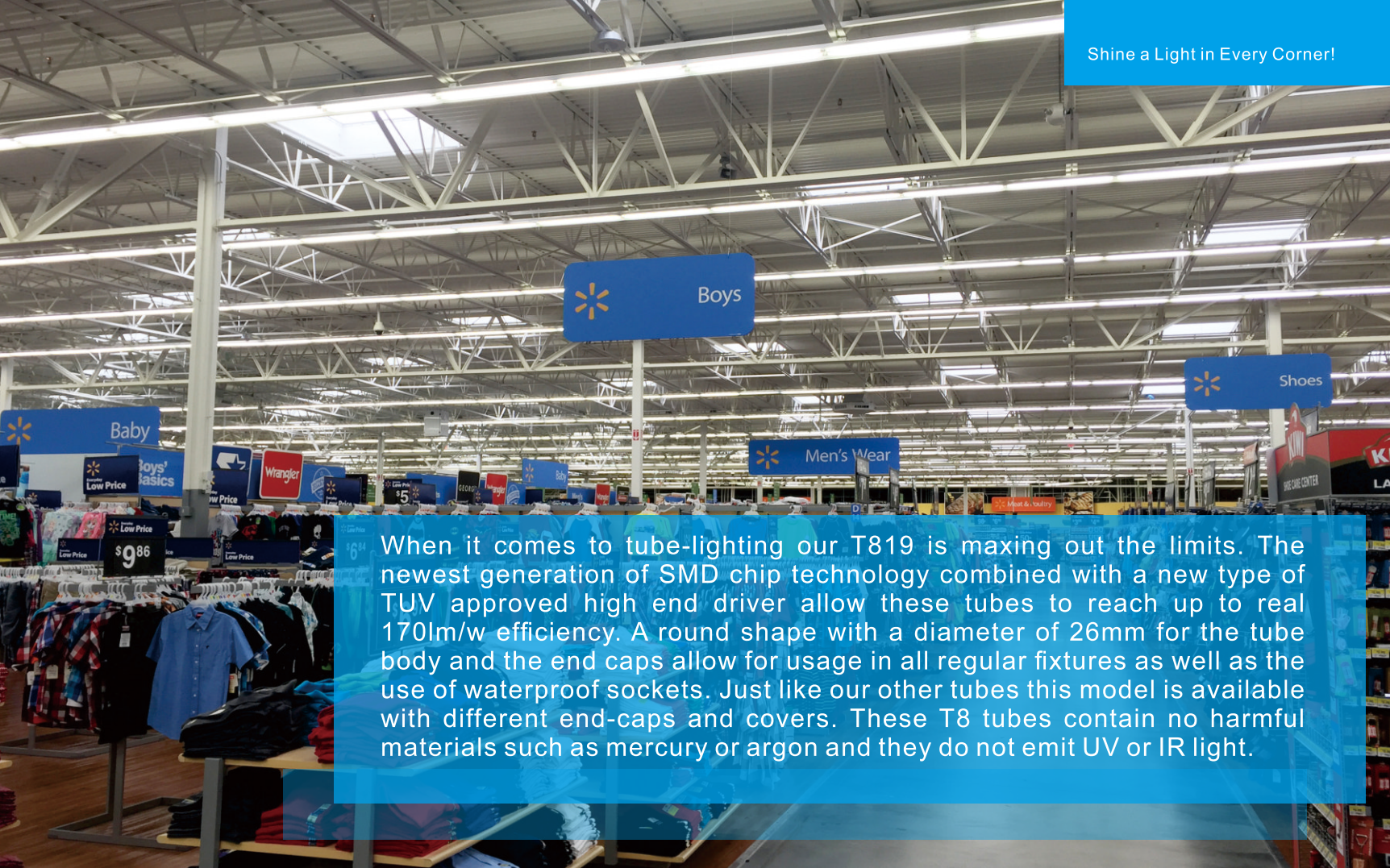
- Different end caps available
- CRI 90 Ra available upon request
- Clear or milky cover available
- Fresh Food model available upon request
- Blue and green end-cap-rings can be provided
- Clear or milky cover available

## Area of application

- Factories and warehouses
- Supermarkets, shops and exhibitions
- Refrigerators & storerooms
- Parking Facilities, corridors and halls

## Certificates

- European market: **TUV, CE (EMC, LVD, RoHS)**
- Australian market: **SAA, C-Tick, RCM**



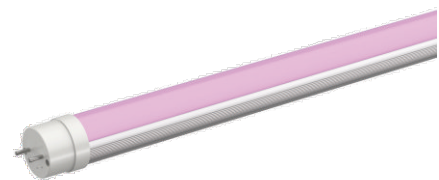
When it comes to tube-lighting our T819 is maxing out the limits. The newest generation of SMD chip technology combined with a new type of TUV approved high end driver allow these tubes to reach up to real 170lm/w efficiency. A round shape with a diameter of 26mm for the tube body and the end caps allow for usage in all regular fixtures as well as the use of waterproof sockets. Just like our other tubes this model is available with different end-caps and covers. These T8 tubes contain no harmful materials such as mercury or argon and they do not emit UV or IR light.



Non-rotatable end-cap

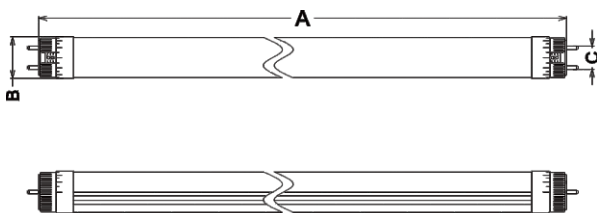


Rotatable end-cap



Fresh Food model

Dimension (mm)

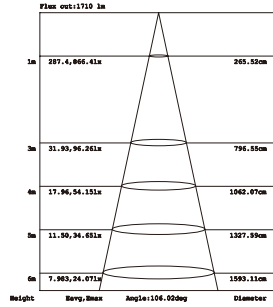
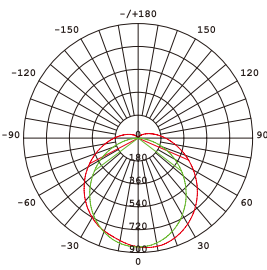


Model NO	Size A(mm)	Size B(mm)	Size C(Base)
FYT-T82A06-9W	588	Ø26	G13
FYT-T82A12-18W	1198	Ø26	G13
FYT-T82A15-22W	1498	Ø26	G13
FYT-T82A15-30W	1498	Ø26	G13
FYT-T82B15-30W	1498	Ø26	G13

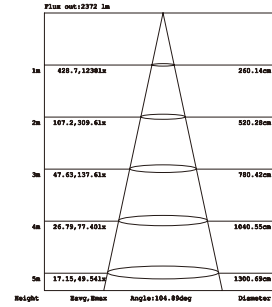
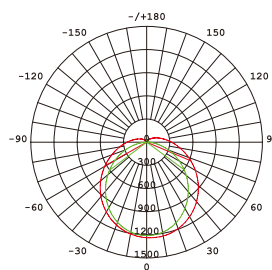


## Light Distribution Curve and Average E (LX) Figure---5000K

22W



30W



### Basic Specifications

Standard lumen (lm) (125lm/W~135lm/W)

Model	Nominal Wattages (W)	Nominal Voltage	Rated luminous efficacy (lm/w)	Nominal luminous flux (lumen)	Beam Angle	LED Quantity	CRI
T819L06-9W	9	AC100~277V 50~60Hz	130±5	1170±45 lm	120°	72pcs SMD2835	>80Ra
T819L12-18W	18		130±5	2340±90 lm		168pcs SMD2835	
T819L12-25W	25		130±5	3250±125 lm		168pcs SMD2835	
T819L15-25W	25		130±5	3250±120 lm		240pcs SMD2835	
T819L15-30W	30		130±5	3900±150 lm		240pcs SMD2835	

Lumen Plus(lm) (145lm/W~170lm/W)

Model	Nominal Wattages (W)	Nominal Voltage	Rated luminous efficacy (lm/w)	Nominal luminous flux (lumen)	Beam Angle	LED Quantity	CRI
T819L06-9W Lumen plus	9	AC100~277V 50~60Hz	150±5	1350±45 lm	120°	72pcs SMD2835	>80Ra
T819L12-18W Lumen plus	18		150±5	2700±90 lm		168pcs SMD2835	
T819L12-25W Lumen plus	25		150±5	3750±125 lm		168pcs SMD2835	
T819L15-25W Lumen plus	25		150±5	3750±125 lm		240pcs SMD2835	
T819L15-30W Lumen plus	30		150±5	4500±150 lm		240pcs SMD2835	
T819L15-30W Super Lumen plus	30		170±5	5100±150 lm		240pcs SMD2835	

### Electrical datas

Operating frequency	50-60Hz
Type of current	AC100~277V
Power factor λ	>0.95
Efficiency in %	>92%
Start time (0.2s / 0.5s / ...)	0.5S
Warm-up time to 60 % (1.5s / 2s / ...)	0.5S

### Photometrical data

Available light colors	Warm white; Natural white; daylight white
Available color temperatures	3000K; 4000K; 5000K; 6000K
Color rendering index Ra	>80
Standard deviation of color matching	<5
UGR (Unified Glare Rating)	<25
Available beam angles	120°

## Standards & Certification

Type of protection	Ip20	Operating temp	20~+40℃
Tested dielectric strength	3.75KVac	Ambient temperature	-20~+40℃
Safety features features	Open circuit protection; Short circuit protection ; Overvoltage protection	Storage temperature	-40~+80℃
Certificates	American market: UL, DLC Premium, cUL European market: TUV, GS, CB, CE, RoHS Australian market: SAA, Ctick,RCM		
Energy efficiency class	A+ & A++		

## Temperatures & operating conditions

## Lifespan

Rated nominal Lifetime	5 Years	Base/Socket	G13
Switching cycles	100,000 times	Dimmable	No Dimmable
Lumen maintenance at e.o.l.	70%		

## Features/Capabilities and additional product data

## Packing Information

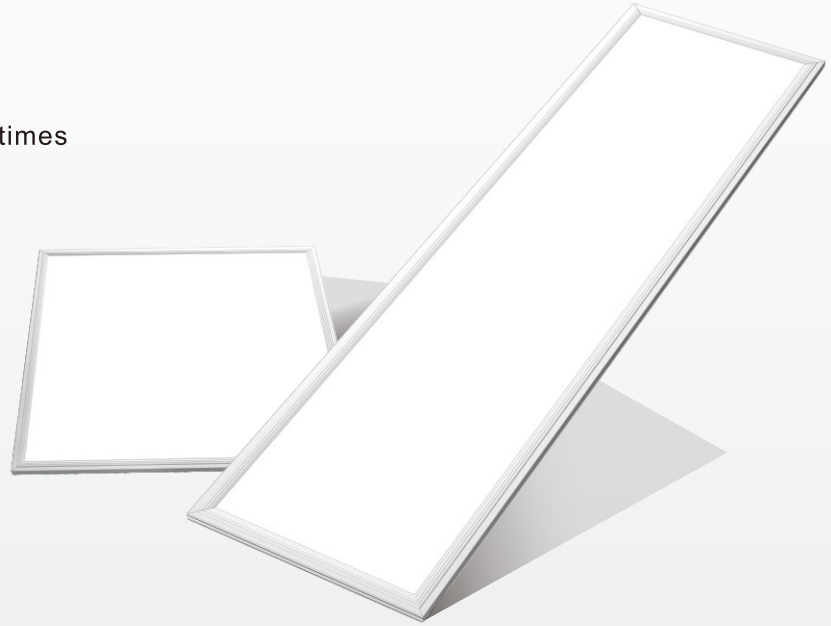
Model	Dimension	Single Box	QTY/CTN	Net Weight/pcs(kg)	Gross Weight /CTN(kg)
600mm	Φ22*L549±1	T8 Tube	20pcs	150	6.5
1200mm	Φ22*L1149±1	T8 Tube	20pcs	305	11.5
1500mm	Φ22*L1449±1	T8 Tube	20pcs	380	14



# LED Panel Light

## Features

- Energy efficiency up to 140 lm/w
- Luminous flux up to 7200 lm
- Low Glaring - UGR<19
- Standard Deviation Color Matching - SDCM<6
- Very good heat dissipation, ideal for long burn times
- 3 Years warranty



36W/48W/60W

## Options

- Optional Mean well driver and flicker free driver
- CRI 90 Ra available upon request
- 1-10V dimmable and DALI available
- Emergency power supplies are available
- Microwave motion sensor available
- Available as CCT Adjustable version (2 types of chips – 3000-6500k)
- Hanging ropes and mounting frames are available
- Zigbee is available
- Silver or white powder-coded frames
- Upon request available with engraved Light-Guide-Plate (LGP)

## Area of application

- Office environments
- Worksites for color-checking or quality control
- Cleanrooms and laboratories
- Hallways & corridors

## Certificates

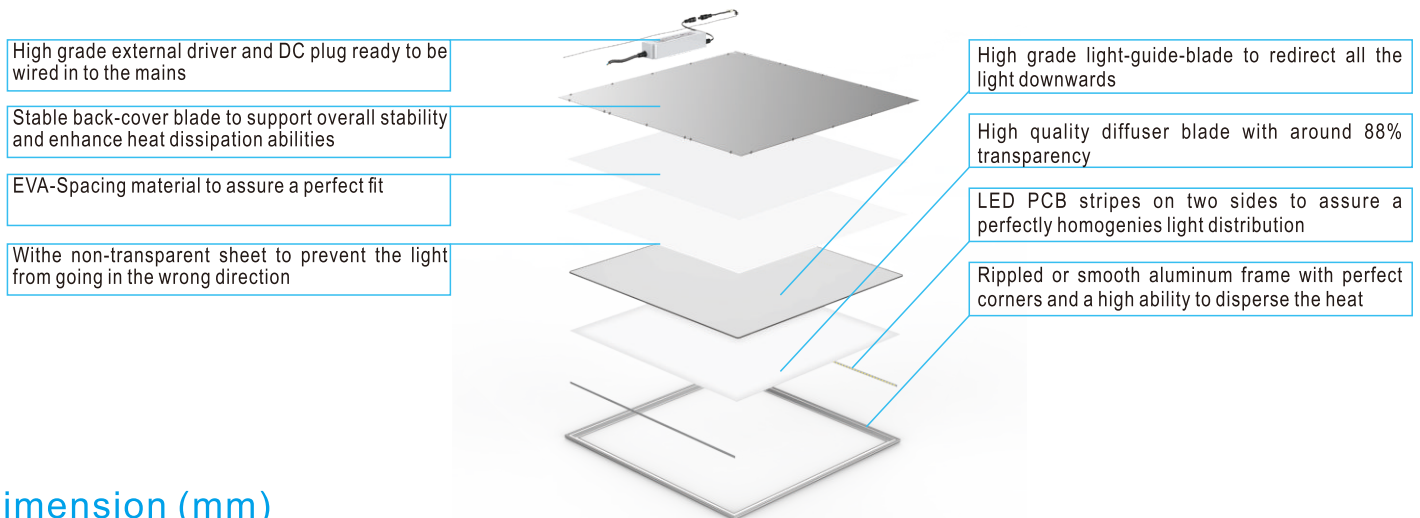
- European market: **TUV, CE (EMC, LVD, RoHS)**
- Australian market: **SAA, C-Tick, RCM**



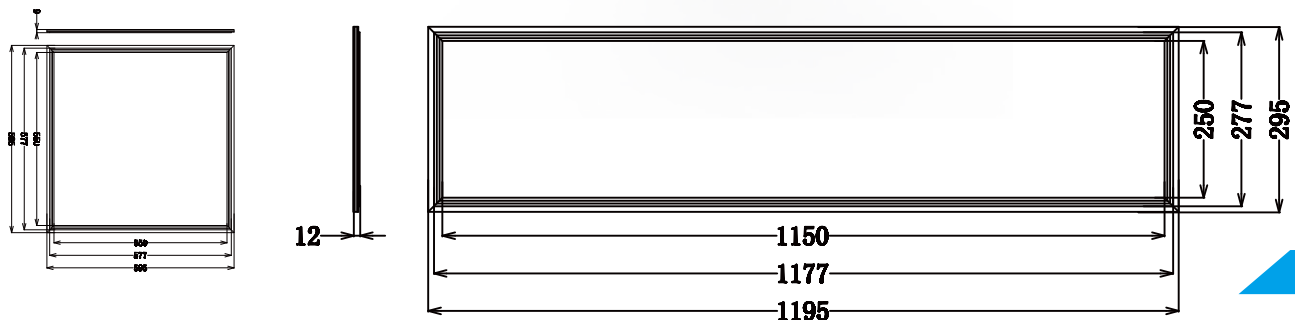


Our LED Panel lights are available in all regular sizes which makes them ideal for most commercial premises. Thanks to optional frames they can be installed on-or-in most ceiling types. Due to high grade components our panels reach a high efficiency and provide a perfectly homogeneous illumination. All panels are supplied with a driver and are ready to be wired into the mains for a quick and easy installation. The panels are built in a robust frame that provides excellent cooling abilities. The frame is available in silver as well as in powder coated white. Since the coding is done after the frame-assembly the corners are perfectly closed and covered. The design of the frame is suitable for most office and school environments, hallways and corridors. It was designed to minimize glaring and reflections on the work surface, avoiding visual discomfort to meet highest office standards.

## Exploded drawing

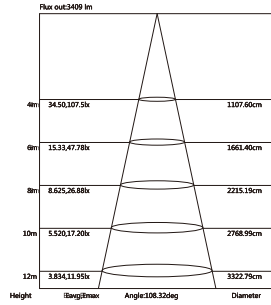
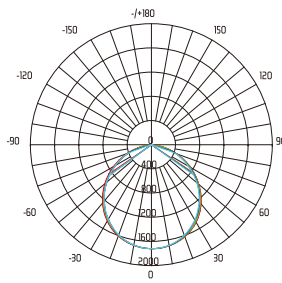


## Dimension (mm)

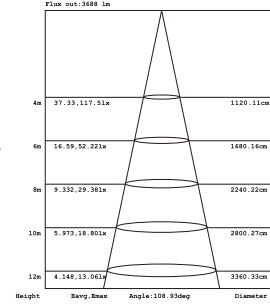
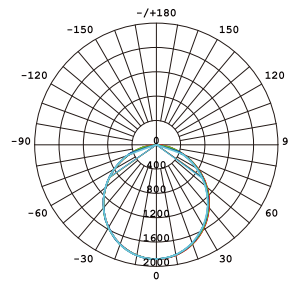


## Light Distribution Curve and Average E (LX) Figure---5000K

36W



48W



### Basic Specifications

Standard lumen (lm) (100lm/W)

Model	Nominal Wattages (W)	Nominal Voltage	Rated luminous efficacy (lm/w)	Nominal luminous flux (lumen)	Beam Angle	LED Quantity	CRI
P66-36W	36	AC100~277V 50~60Hz	100±5	3800±200 lm	120°	120pcs SMD2835	>80Ra
P66-48W	48		100±5	4860±270 lm		168pcs SMD2835	
P6262-36W	36		100±5	3800±200 lm		120pcs SMD2835	
P123-36W	36		100±5	3800±200 lm		192pcs SMD2835	
P126-60W	60		100±5	6000±270 lm		192pcs SMD2835	

Lumen Plus(lm) (130lm/W~140lm/w)

Model	Nominal Wattages (W)	Nominal Voltage	Rated luminous efficacy (lm/w)	Nominal luminous flux (lumen)	Beam Angle	LED Quantity	CRI
P66-36W	36	AC100~277V 50~60Hz	130±5	5200±200 lm	120°	216pcs SMD2835	>80Ra
P6262-36W	36		130±5	5200±200 lm		216pcs SMD2835	
P126-50W	50		130±5	6500±200 lm		336pcs SMD2835	
P33-35W	35		140±5	4900±175 lm		226pcs SMD2835	

### Electrical datas

Operating frequency	50-60HZ	Available light colors	Warm white;natural white;daylight white
Type of current	AC100~277V	Available color temperatures	3000K;4000K;5000K;6000K
Power factor λ	>0.9	Color rendering index Ra	>80
Efficiency in %	89%	Standard deviation of color matching	≤5
Start time (0.2s / 0.5s / ... )	0.5S	UGR (Unified Glare Rating)	<25
Warm-up time to 60 % (1.5s / 2s / ... )	0.5S	Available beam angles	120°

### Photometrical data

## Standards & Certification

Type of protection	Ip44	Operating temp	-20~+40 °C
Tested dielectric strength	3.75KVac	Ambient temperature	-20~+40 °C
Safety features features	Open circuit protection; Short circuit protection ;	Storage temperature	-40~+80 °C
Certificates	American market: UL, DLC Premium, cUL European market: TUV, GS, CB, CE, RoHS Australian market: SAA, Ctick,RCM		
Energy efficiency class	A+ & A++		

## Temperatures & operating conditions

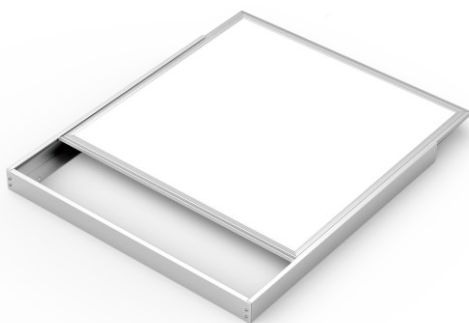
## Lifespan

Rated nominal Lifetime	5 Years	Base/Socket	No socket/ directly wired
Switching cycles	100,000 times	Dimmable	1-10V dimming
Lumen maintenance at e.o.l.	70%		

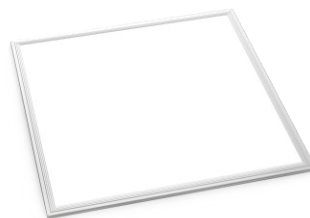
## Features/Capabilities and additional product data

## Packing Information

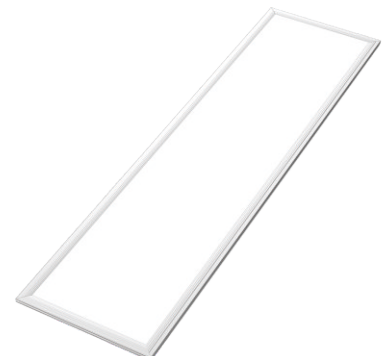
Model	Single Box	QTY/CTN	Net Weight/pcs(kg)	Gross Weight /CTN(kg)
P66-36W	595*595*9	6	3.4	23.64
P6262-36W	620*620*9	6	3.9	26.5
P123-36W	1195*295*12	6	3.8	26
P126-60W	1195*595*12	2	7.5	15



Installation



36W



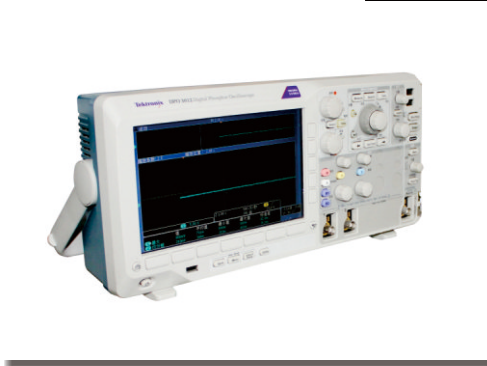
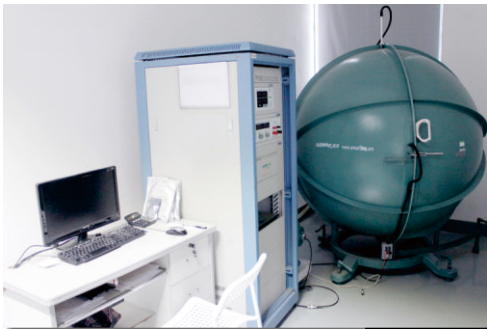
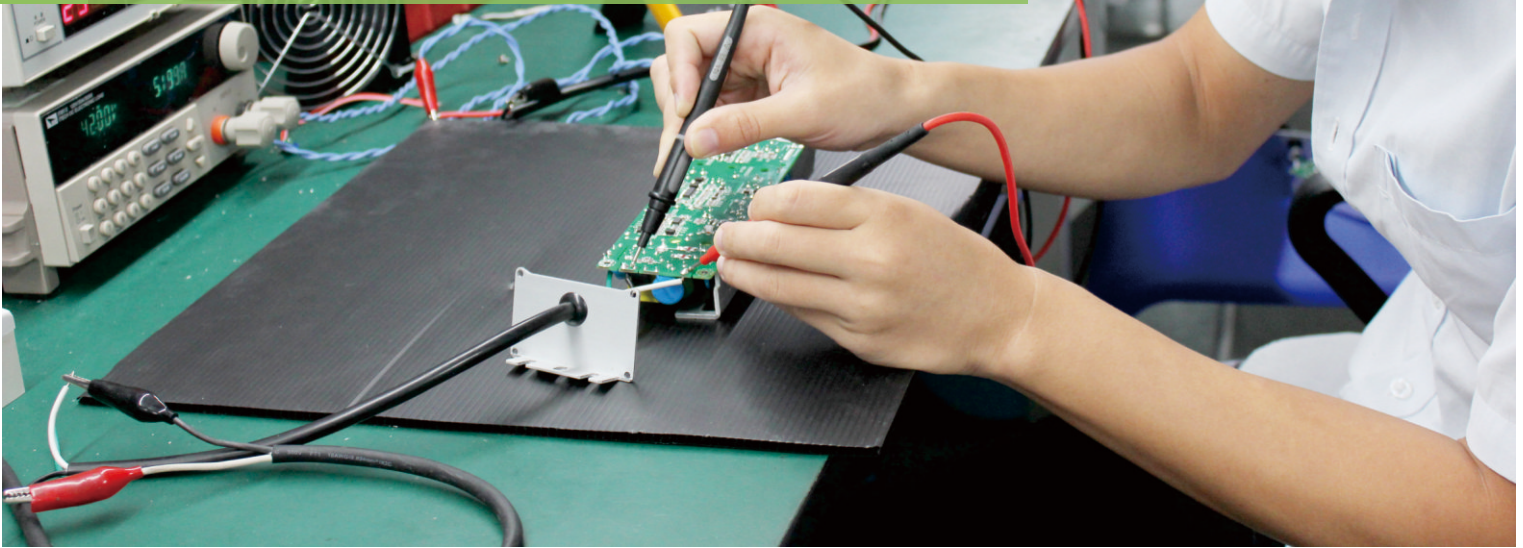
36W





# R & D

FYT LED Co., Ltd. devotes itself to the development of new products with state-of-the-art technologies providing amazing new lighting experiences. Our highly skilled and well equipped research and development teams work hand in hand with sales, after sales and production assuring upgrades and innovations close to the needs of our esteemed customers.





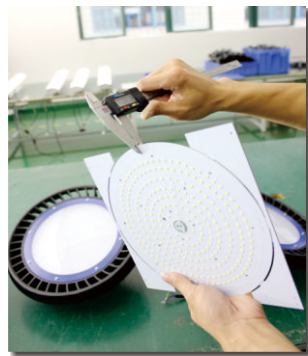


## Quality control



As an ISO 9000 listed company, FYT LED Co., Ltd. is following strict rules to assure constantly high standards. Based on our own needs to be as thorough and effective as possible we implemented Toyota's well known and successful Lean-Manufacturing-Method giving us a great deal of control over all steps during the production.

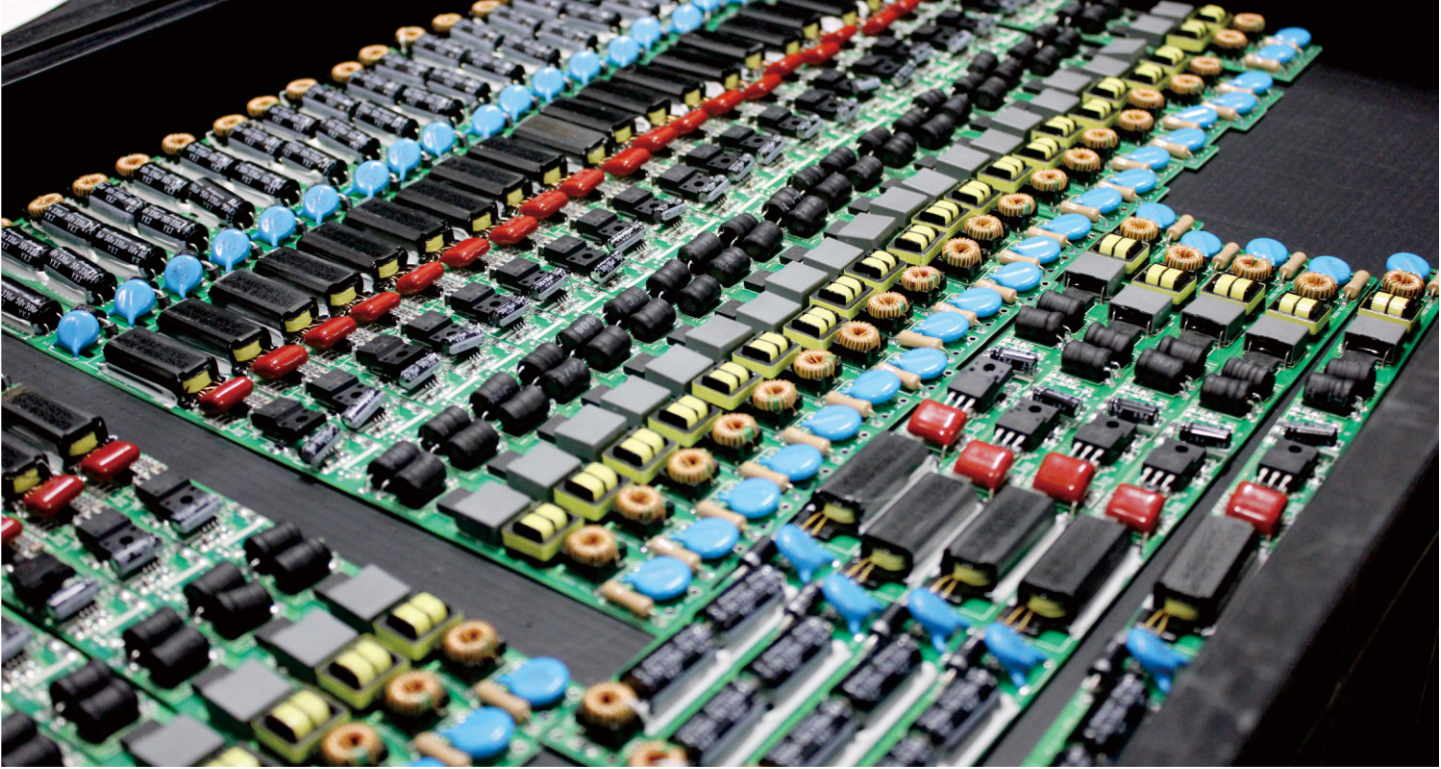
Regular trainings of our staff and recurrent checkups of the manufacturing equipment provide a baseline for our constantly evolving quality management. Divided into several teams our QC is practically involved in all steps before, during and after the production process. Ongoing checks of all the parts and machinery we use and regular sampling of the products in all production states, assure a very high quality level.







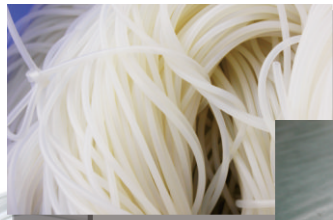
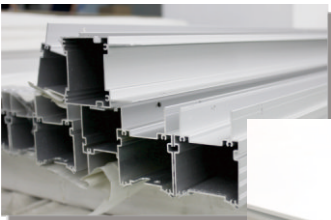
# The materials we use



**Purchasing** the right materials is one of the decisive factors for the quality of our products. When selecting suppliers, we therefore take a good look on the national and international purchase markets. The performances and capabilities of our suppliers are analyzed by us and reevaluated on a regular base assuring the highest possible quality available.

**SMD LED** chips are produced by many companies around the world. But in our eyes there are only 4 brands using the necessary packaging technologies to achieve the high level of quality and efficiency we require to uphold our standards: Refond, JF, Philips and Nichia. The chips we purchase from these suppliers are well chosen and regularly tested for thermal conductivity, luminance, visual angle, smoothness, reliability and consistency. Only chips passing with flying colors are picked for our products.

**Drivers** are one of the main components of every LED lighting product influencing the efficiency and the lifespan as well as the quality of the visual light itself. Our R&D team successfully developed own drivers for most of our products enabling us to live up to our promise of providing the best lighting experience possible. In addition we also place our trust in Meanwell, a company with many years of experience in the field of driver technology. Materials like aluminum, polycarbonate or silicon are carefully chosen and just like the LED chips and drivers they are constantly subject to extensive quality control and testing.







# The manufacturing area

Here at FYT LED Co., Ltd. we understand that modern LED technology needs modern manufacturing and testing equipment in order to cope with the needs of our customers. On currently 4500 m<sup>2</sup> solely assigned to production we have set ourselves up with state-of-the-art equipment for all areas before, during and after the manufacturing process. Only after passing all the appropriate tests and checkups the products can be released and be prepared for shipment.

