

Optics T8 LED Tube

With Sensor

Features:

- Save up to **90%** energy
- When nobody present, the power is only **3~4.5W**
- When person enter the target area, the LED tube will give max Power to generate full lumen output
- When person exit the target area, the LED tube will automatically dim to low power
- Taiwan SMD LED chips
- High Lumen output
- Built in frosted cover to give soft lighting effect
- 50000 hours life time
- Lumen depreciation at <5% after 10,000 hours and <30% after 50,000 hours operation
- Aluminum heat sink to dissipate heat quickly to maintain the reliability and brightness
- Input voltage: AC220V
- Operation temperature: 0~50°C
- Color rendering index: >75
- Large color temperature range from 2700K-6500K warm white or daylight
- Dimension: 2 feet, 4 feet choice
- Environmental friendly: No Toxic material, no glass, no mercury, no UV and IR radiation
- Meeting international safety standard EN60598 and EMC standard EN61000-3-2, EN61000-3-3, EN55015, EN61547
- CE standard and RoHS



Applications:

-Offices, Shopping Centers, Car parks, Corridors, Staircases, Warehouses, Club houses, Universities , Residential areas, etc.

Specifications:

Model	Voltage	Power	Lumen	Dimension	Life
LED T8-08S	220-240V	8W	700 lm	600mm	50,000 hours
LED T8-18S	220-240V	18W	1700 lm	1200mm	50,000 hours

Optics T8 to T5 Batten

Features

- Save up to 50% energy
- Plug and Save, Do-It-Yourself in 1 min
- No rewiring, No reengineering work
- Suitable for existing T8 batten or lamp tray
- (Option) nano reflector to enhance light lux to 30%
- Fast starting, no flickering, no noise
- Stable light source, provide comfortable environment for long hour working
- High power factor
- Low total harmonic distortion
- Low cost of ownership, payback period can be < 6 months
- (Environmental friendly) mercury composition can be reduced by 80%
- CE standard
- Life time: 50,000 hours



特點

採用高科技技術, 節省電能高達50%
可直接安裝在T8支架及燈盤上, 方便快捷
無需專業技工安裝及拆除傳統火牛, 1分鐘完成
內置T5電子鎮流器
可適用於T8 18W, 36W光管支架
可配合高效能納米反光片加強光度>30%
功率因數高達98%

溫度低, 安全性高
啓動快, 無閃爍, 無噪音
環保, 水銀含量減小80%
保護視力, 減低眼睛受損及疲勞現象
設計新穎, 結構鞏固, 外觀亮麗
符合國際電工安全規格, CE標準
保用長達2年
回本期可低於1年

適合場所

住宅, 工廠, 寫字樓, 走廊, 走火樓梯, 超市, 學校, 商場, 停車場, 倉庫, 等

產品規格

型號	電壓(V)	電流(I)	功率(W)	功率因數	呎吋(mm)	光源
OS-114	220V	0.07A	14W	0.98	600x25x45	T5
OS-121	220V	0.09A	21W	0.98	900x25x45	T5
OS-128	220V	0.10A	28W	0.98	1200x25x45	T5
OS-135	220V	0.16A	35W	0.98	1500x25x45	T5

Optics T5 batten

T5 熒光燈支架

Product features

Adopt 0.5mm high quality cold-rolled steel plate with electrostatic powder coating for durability

Streamline design gives an elegant appearance

Wire and lamp-holder are made of ABS fire proof material

Various kinds of length choices from 2 feet to 5 feet, single or double tube options

Equipped with electronic ballast

Complied to CE standard.

產品特點

採用 0.5 毫米高強冷軋鋼鐵製成

燈腳選用阻燃物料，安全可靠

設計新穎，結構鞏固，外觀亮麗

配 T5 14W, 28W, 35W 電子鎮流器

符合 CE 規格



Applications

Factory, Corridor, Supermarket, School, Mall, Parking Lot, Warehouse, Residential Area and Community Center

適合場所

工廠，走廊，超市，學校，商場，停車場，倉庫，私人住宅，社區會堂等

Product Specification 產品規格

Model 型号	Power 功率	Length 長	Width 濶	Height 高
BT-114	1 x 14W	571mm	60mm	80mm
BT-128	1 x 28W	1171mm	60mm	80mm
BT-135	1 x 35W	1471mm	60mm	80mm
BT-214	2 x 14W	571mm	120mm	80mm
BT-228	2 x 28W	1171mm	120mm	80mm
BT-235	2 x 35W	1471mm	120mm	80mm



Optics T5 Water Proof Batten

防水支架

Product features:

Housing with ABS material and diffuser with PC material

Prismatic diffuser with unique shape design to get average ray, efficient usages of light and good dazzle-proof effect

Easy and quick to install under ceiling or surface

P65 standard

Have 2, 4, 5 feet size for selection

Complied to international standard IEC-60698

CE marking



產品特點

燈具底部採用 PC 或 ABS 物料造成，耐高溫，高度阻燃

透光罩採用 PC 不碎物料造成，抗沖擊，透光良好

外型美觀，設計新穎，堅固耐用，光線均勻

防水，防塵，防腐蝕功能，符合 IP65 防水要求

符合國際安全標準 IEC-60598

CE 認證

Product specification 產品規格

Model 型号	Power 功率	Length 長	Width 濶	Height 高	Lamp used 光源
V5114A	1x14W	610	60	74	T5
V5128A	1x28W	1210	60	74	T5
V5135A	1x35W	1510	60	74	T5
V5214A	2x14W	610	100	74	T5
V5218A	2x28W	1210	100	74	T5
V5235A	2x35W	1510	100	74	T5

Optics T5 Lamp Tray

T5 燈盤

Product features

Housing: 0.5mm cold-rolled high quality steel plate with electrostatic powder coating for durability

Optics: High purity anodized aluminum parabolic reflector to provide excellent light control, matted and mirrored options and single and double reflector option

Can be installed with T5 14W or 28W electronic ballasts

Have choice of 600mm x 600mm and 1200mm x 600mm size

Complied with CE standard

產品特點

底盤採用 0.5mm 高強度冷軋鋼鐵製成

格柵採用高級高純度鋁片製成

燈腳選用阻燃物料，安全可靠

設計新穎，結構鞏固，外觀亮麗

可配 T5 14W, 28W 電子鎮流器

有 2 呎 x 2 呎, 及 2 呎 x 4 呎可供選擇

符合 CE 規格



Applications

Factory, Corridor, Supermarket, School, Mall, Parking Lot, Warehouse, Residential Area and Community Center

適合場所

寫字樓, 走廊, 商場, 學校, 社區會堂等

Product Specifications 產品規格

Model 型号	Power 功率	Length 長	Width 濶	Height 高
LT-314	3x14W	600mm	600mm	50mm
LT-328	3x28W	1200mm	600mm	50mm

Optics LED Spot Light

Features

- Fit into Standard MR16/E27 low /high voltage fixture and sockets, vibration and shock resistance.
- Life up to 50,000 hours
- Efficient self heat dissipation, high lumen output and low light depreciation.
- Color temperature form 2700K to 6500K
- Environment friendly: No glass, no mercury, no electro magnet emission, no UV & IR radiation.
- Safety assurance: CE, RoHS.
- Country of origin: PRC

Applications

Club house, Shopping mall, Meeting rooms, Corridors, Banks, Residential area, Office, etc.,

		
LED AR111-09	LED MR16-10	LED PLC-10
		
LED E27	LED D12	LED Par 38-12

Specification

Part Number	Type	Power	Lumen
LED MR16-06	MR16	6W	420lm
LED MR16-10	MR16	10W	600lm
LED Par 38-12	Par 38	12W	800lm
LED AR111-09	AR111	9W	540lm
LED D12	AC220V 2 pin	12W	960lm
LED PLC-10	G24d	10W	850lm

Optics T8 LED Tube



Features

- Save up to 70% energy
- Light efficiency: >90LM/W
- Input voltage: AC85-265V
- SMD 3528 LED chips design, new generation to become more stable and reliable
- Condition temperature: Negative 20degree to positive 50 degree
- Aluminum heat sink to dissipate heat quickly to maintain the reliability and brightness
- Color rendering index: 75Ra
- Large color temperature range from 3000K-6500K warm white or cool white
- LED depreciation at 25C: Less than 5% after first 10,000 hours
- Beam angle: Min 120 degree
- Have transparent and frosted choice
- Dimension: 2 feet, 3 feet, 4 feet, 5 feet choice
- Light diffusion: Designed to have this feature
- Extra long life to 50,000 hours
- Environmental friendly: No Toxic material, No glass, no mercury, no UV and IR radiation
- Safety: CE standard and RoHS compliant

Option: 2 hours emergency lighting backup by battery

Applications

-Offices, Shopping Centers, Car parks, Corridors, Staircases, Warehouses, Club houses, Universities , Residential areas, Community centers, etc.

Specifications

Model	Voltage	Power	Lumen	Dimension	Life
LED T8-600	220-240V	8W	700 lm	26mm * 600mm	50,000 hours
LED T8-900	220-240V	13W	1100 lm	26mm * 900mm	50,000 hours
LED T8-1200	220-240V	18W	1500 lm	26mm * 1200mm	50,000 hours
LED T8-1500	220-240V	22W	1800 lm	26mm * 1500mm	50,000 hours

Optics LED Ceiling Lamp



Features

House with cold-rolled high quality steel plate with electrostatic powder coating for durability

Cover with milky plastic diffuser

Power: 14W

Input voltage: AC220V

Power factor: >90%

Taiwan 3528 SMD LED chips

Lumen output: 1120lm

Lumen depreciation less than 5% after 10,000 hours operation and less than 30% after 50,000 hours operation

Color rendering Index >75

50,000 hours life time

Earth friendly: no mercury and toxic material

Low temperature

Large color temperature range from 3000K to 6500K

Dimension: Diameter: 350mm *85mm

Comply to IEC60598, IEC61347 safety and EMC IEC61000-3-2, IEC61000-3-3, IEC55015, IEC61547 standard

CE and RoSH standard

Applications

Corridors, Staircases, Lobbies, Residential areas, Club houses, etc.,

Specifications

Model	Voltage	Power	Lumen	Color	Material	Dimension	Lamp
	V	W	lm	K		mm	chips
LED-C14	220	14	1120	3000-6000	Milky	350 * 85	LED



Optics LED Bulk Head Lamp



Features

Housing with fire resistant transparent PC cover and PC base enclosure

Input voltage: AC220V

Power: 7W

Taiwan LED chips with life 50000 hours

LED light efficiency: 100lm/W

Lumen depreciations less than 5% after 10,000 hours and less than 30% after 50,000 hours

Color temperature range from 2700K to 6500K

Color Rendering index: >75

Working temperature: -40C to +55C

Option: 2 hours emergency lighting back up by battery

Charging finish within 12 hours

With indicator and test button

Comply to Hong Kong Fire Service Department

Comply with international safety EN60598, EN61347 and EMC EN61000-3-2, EN61000-3-3, EN55015, EN61547 standards

CE standard

Protection: IP65

Applications

External walls, Advertising Signage, Parking lot, Corridors, outdoors, etc.,

Specifications

Model	Voltage	Power	Lumen	ColorTemp	CRI	Protection	Life
	V	W	lm				Hours
LED-07BH	220V	7	700	CW/WW	>75	65	>50000
LED-07BHE	220V	7	700	CW/WW	>75	65	>50000

Optics LED Flood Lamp

Best choice to replace metal halide lamp



Features

Fitting material is die-casting aluminum end cover,

Aluminum alloy profile for body

High purity aluminum reflector with excellent reflection effect

And oxidized temper glass end cover

Taiwan LED chips with life at 50,000 hours

Lumen depreciation less than 5% after 10,000 hours and less than 30% after 50,000 hours

Input Voltage: 220V

Power at 30W, 50W, 70W, 90W, 100W

Lumen output at 90lm/W

Beam angle: >120 degree

Color rendering index >75

Color temperature range from 2700K to 6500K

No Mercury and UV radiation

Working temperature 0~60°C

Comply to international safety standards of EN60598, EN61347 and EMC standards EN61547,

EN55015, EN61000-3-2, EN61000-3-3

CE standard

Protection at IP65

Applications

Outdoors, Corridors, External walls, Halls, Warehouse, Playgrounds, etc.,

Product specifications

Model	Voltage	Power	Lumen	Color temp	CRI	Lumen depreciation	Beam angle	Life time
	V	W	lm			10000hrs	Degree	Hours
LED-030F	220	30W	2700	2700 -6500	>75	5%	>120	50000
LED-050F	220	50W	3500	2700 -6500	>75	5%	>120	50000
LED-070F	220	70W	6300	2700 -6500	>75	5%	>120	50000
LED-090F	220	90W	8100	2700 -6500	>75	5%	>120	50000
LED-100F	220V	100W	9000	2700-6500	>75	5%	>120	50000

Optics LED High Bay Light



Features

Housing with high pressure die casting aluminum casting high purity aluminum reflector, integrally encapsulated single large power LED light source.

Input voltage: AC85-265V

LED light efficiency: 80lm/W

Color temperature range from 2700K to 6500K

50000 hours life time

Color Rendering index: >75

Working temperature: -40C to +55C

Comply with international safety IEC60598, IEC61347 and EMC IEC61000-3-2, IEC55015, IEC61547 standards

CE standard

Dimension: Diameter from 400mm to 505mm

Applications

External walls, Advertising Signage, Parking lot, Corridors, outdoors, etc.,

Specifications

Model	Voltage	Power	Lumen	ColorTemp	CRI	Temp	Life
	V	W	lm	K		-40 ~55C	Hours
LED-030HB	220V	30W	2400	CW/WW	>75	-40 ~55C	>50000
LED-050HB	220V	50W	4000	CW/WW	>75	-40 ~55C	>50000
LED-080HB	220V	80W	6400	CW/WW	>75	-40 ~55C	>50000
LED-120HB	220V	120W	9600	CW/WW	>75	-40 ~55C	>50000
LED-160HB	220V	160W	12800	CW/WW	>75	-40 ~55C	>50000
LED-190HB	220V	190W	15200	CW/WW	>75	-40 ~55C	>50000
LED-200HB	220V	200W	16000	CW/WW	>75	-40 ~55C	>50000

Optics T5 Emergency batten

T5 緊急光管支架

Product features

- Adopt 0.5mm cold-rolled steel plate with electrostatic powder coating for durability
- Various kinds of length choices from 2 feet to 4 feet
- 2 hours Discharge
- 6V 2.5A or 4.5A rechargeable battery
- With indicator to show the status
- Test push to test the emergency lighting in simulation mode
- Comply to BS5266, IEC60598.2.22 & FSD PPA 104(A) 4th Revision
- Include Philips T5 tube with life time of 20,000 hours

特點

- 外殼採用高強度冷軋鋼鐵製成
- 設計新穎，結構鞏固，外觀亮麗
- 操作模式：長明
- 測試擊：可模擬失去電源
- 智能充放電裝置 2 年安裝/生產缺陷無條件保證
- 電池 2 年安裝/生產缺陷無條件保證
- 充電時間 12 小時內完成
- 放電時間長達 2 小時
- 選用阻燃物料，安全可靠
- 有 2 呎, 4 呎可供選擇
- 符合 CE 及香港消防署規格 FSD PPA 104(A) 4th Revision
- 產品工作壽命 50000 小時
- 提供飛利浦光管壽命達 20,000 小時



Applications

Corridor, School, Mall, Parking Lot, Warehouse, Residential Area and Community Center

適合場所

工廠，走廊，超市，學校，商場，停車場，倉庫，私人住宅，社區會堂等

Product Specifications 產品規格

Model	Power	Discharge	Battery	Light source
BT114SELK4500	14W	2 hours	Ni-mH/Ni-Cad	T5 14W
BT128SELK4500	28W	2 hours	Ni-mH/Ni-Cad	T5 28W

Optics LED Exit Sign

Features

- Slim, compact and elegant design
- GMS casing with white power coating
- Built in LED light strip
- Maintained type
- Approximately 3W
- LED color: White
- Character color: Green
- 3 hours discharge time for emergency lighting
- 3.6V, Ni-Cd battery
- Low discharge protection: electronic protection
- Rated supply voltage: 220V+/- 10%
- Rated supply frequency: 50Hz
- Operating temperature:0-50°C
- Dimension: 450mm to 650mm in length
- Test report from Hong Kong Polytechnic University
- Comply with the regulation of Hong Kong Fire Service Department

Applications

Shopping, Residential area, commercial bldg, Factory, etc.,

Specifications



Standards:

- BS-5266-Part 1
- BS 5499-3:1990
- IEC-60598-2-22
(850°C hot wire test)
- FSD COP Clause 5.10
- FSD PPA 104A 4th Revision
- Electricity of Ordinance
(Cap.406)
- Code of Practice for Electricity
(Wiring) Regulations

Model	LEP-03-650	LEP-03B-650
Voltage	220V	220V
Power	~3W	~3W
Discharge	3 hours	3 hours
Battery	3.6V Ni-Cd	3.6V Ni-Cd
Dimension	650mm x 180mm x 50mm	650mm x 180mm x 50mm
Type	LED exit sign plate	LED exit sign box
Standard	BS 5266, IEC 60598-2-22, FSD PPA 104A (4th revision)	

Optics Induction lamp

Best choice to replace metal halide lamp

Features

Fitting material is die-casting aluminum end cover, aluminum alloy profile for body

High purity aluminum reflector with excellent reflection effect and oxidized temper glass end cover

IP65

Input Voltage: 220V+-6% and 50Hz+-2%, single phase

Comply with international standards of EN61347, EN61547, EN55015, EN61000 and EN60598

Power factor: 0.99

Super long life, 100,000 hours life time

Warranty: 5 years

Power at 80W, 120W, 150W, 200W.

Color rendering index at higher than 80

Color temperature range from 2700K to 6500K

Lumen output at 80lm/W

Operating frequency: 210 KHz

Flick free start design with ignition time not more than 0.5 seconds

Can operate at adverse weather

Maintenance free, suitable for place that is hard to repair

Total harmonic distortion (THD) < 10%

Lumen maintenance rate: 2000hrs@95%

No glare, soft light, eye sight protection

The lamp system shall comply with international standards of EN55015:2006 that do not interfere any other existing facilities and conflict with OFTA regulations.

Dimension: 425mm x 450mm x 160mm

Unique patented-chip technology, instant start up, workable under -25°C. Wide voltage for American and European voltage style, stable wattage output, no influence caused by the voltage fluctuation



Product specifications

Model	Voltage	Power	Lumen	Color temp	CRI	Lumen depreciation	Life time	Starting time
	V	W	lm			at 2000hrs	Hours	Second
IND-080F	220	80	6400	2700 -6500	>80	5%	100000	<0.5
IND-120F	220	120	9600	2700 -6500	>80	5%	100000	<0.5
IND-150F	220	150	12000	2700 -6500	>80	5%	100000	<0.5
IND-200F	220	200	16000	2700 -6500	>80	5%	100000	<0.5

Optics Induction lamp

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IP65

Input Voltage: 220V \pm 6% and 50Hz \pm 2%, single phase

Power factor: 0.99

Super long life, 100,000 hours life time

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No glare, soft light, eye sight protection

Unique patented-chip technology, instant start up, workable under -25°C. Wide voltage style, stable wattage output, no influence caused by the voltage fluctuation

Comply with international standards of EN61347, EN61547, EN55015, EN61000 and EN60598 CE standard



Dim: H557mm x 547mm in diameter

Product specifications:

Model	Voltage	Power	Lumen	Color temp	CRI	Lumen depreciation	Life time	Starting time
	V	W	lm			at 2000hrs	Hours	Second
IND-080HB	220	80	6400	2700 -6500	>80	5%	100000	<0.5
IND-120HB	220	120	9600	2700 -6500	>80	5%	100000	<0.5
IND-150HB	220	150	12000	2700 -6500	>80	5%	100000	<0.5
IND-200HB	220	200	16000	2700 -6500	>80	5%	100000	<0.5
IND-300HB	220	300	24000	2700-6500	>80	5%	100000	<0.5

Optics Induction lamp

Venus compact integrated induction series



Features

Special mushroom shape structure, luminous points focus, uniform light emission in 360 degree

Spiral lamp base, easily to retrofit all kinds of compact lamps.

Inside compact electronic ballast, unique ballast technology, improve the power factor.

Amalgam inside, less pollution, eco-friendly

With special technology, power start faster, better stability

Self-developed inert gas formula, ensure the consistency of light efficiency and power

Energy efficient 80Lm/W – big electric bill cost savings

Rated Life 100,000 hours – virtually maintenance free

CRI > 80– wide color spectrum

Color Temperature range from 2700-6500 K

Environmental benefits – low heat, CO₂ and mercury waste

Wattage range 15-40W – suitable for many applications

Meet CE,EMC Standard.

Comply with Safety standard IEC60598 and EMC standard EN55015, EN61547,

EN61000-3-2, EN61000-3-3

Country of origin: PRC

Applications

Warehouse, Mall, Shopping centre, Outdoor area to replace SON ball lamp

Specifications

Model	Voltage	Lumen	Pupil lumen	Dimension	Power	Warranty
	V	lm	plm	mm	W	Year
IND-23	220	1400	1900~2300	78x62x182	23	3
IND-40	220	2600	3900~4600	115x88x241	40	3