

TOBILED®



TOBILED®

Professional LED lighting products
Bright up your future



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COMPANY PROFILE

































TOBILED® (LED Electronics) was founded in 2008; providing customized Lighting design and manufacture. We offer practical solutions to an array of interior and exterior lighting application and we are backed by German engineering and design.

We see our customers requirements with a big spectrum of perfect customized lighting solutions. For example architecture projects. The highest level of quality is the common base of all components and it is only good when everything fits perfectly, we always check all details to catch our target: satisfy you, our customer **TOBILED®** is always looking for the quality of light at a competitive price. With our RND we are improving our products for the market.

In details we are always looking for less glare, better light output, best color rendering, highest efficiency, easy to use products and improved lifetime even at hard environment condition.

And of course everyone has different requirements, so we also have a big range of solutions to support our customers. We are not only able to provide the standard products like (LED panel, LED T8 tube, LED Flood light and LED strip), we also design and manufacture customized products and give professional idea for lighting projects.

We do anything to work as partner for our customers, therefor **TOBILED®** has become a well know brand for LED products in international lighting business.

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120° LED T8 Tube



TOBILED LED T8 Tube, the best replacement of fluorescent,
use strictly selected LED, high efficiency;
LED dots are invisible
90° rotating end cap, easy for installation
Replacement starter included in the delivery

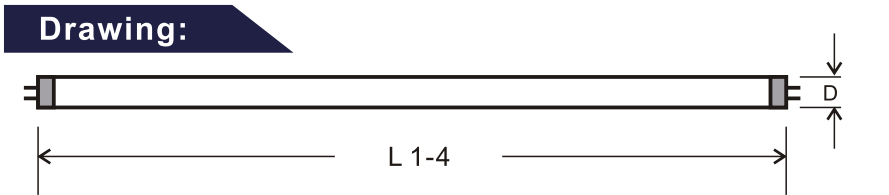


90° rotating end cap

Feature:

- High efficiency >110lm/W, 3014 or 2835LED
- G13 socket, input 110-240VAC, 50/60Hz
- Power: 12W - 30W
- Size: 590mm, 890mm, 1200mm, 1500mm
- Long Lifetime >30.000 hours
- Standard Correlated Color Temperature: 2700k & 3000k &4000K & 6000K
- PF>0.95, CRI>80
- No special reconnecting of wires needed for conventional ballast
- Rotary end cap, -90° to +90° is adjustable
- Uniform, light spots are invisible
- 120°

120° LED T8 Tube



Dimensions:

T8- 059	L1	590mm
T8- 089	L2	895mm
T8- 120	L3	1200mm
T8- 150	L4	1500mm
End cap	D	28mm

Part No	Length	P(W)	Input Voltage	Luminous Flux	CCT	CRI	Operation Temperature	IP	Beam Angel
T8-059-12W-827	590mm	12W	AC 100V-240V	>1000lm	2700K	>80 Ra	-20℃~45℃	IP20	120°
T8-059-12W-840	590mm	12W	AC 100V-240V	>1200lm	4000K	>80 Ra	-20℃~45℃	IP20	120°
T8-059-12W-860	590mm	12W	AC 100V-240V	>1200lm	6000K	>80 Ra	-20℃~45℃	IP20	120°
T8-089-18W-827	895mm	18W	AC 100V-240V	>1600lm	2700K	>80 Ra	-20℃~45℃	IP20	120°
T8-089-18W-840	895mm	18W	AC 100V-240V	>1800lm	4000K	>80 Ra	-20℃~45℃	IP20	120°
T8-089-18W-860	895mm	18W	AC 100V-240V	>1800lm	6000K	>80 Ra	-20℃~45℃	IP20	120°
T8-120-24W-827	1200mm	24W	AC 100V-240V	>2400lm	2700K	>80 Ra	-20℃~45℃	IP20	120°
T8-120-24W-840	1200mm	24W	AC 100V-240V	>2400lm	4000K	>80 Ra	-20℃~45℃	IP20	120°
T8-120-24W-860	1200mm	24W	AC 100V-240V	>2400lm	6000K	>80 Ra	-20℃~45℃	IP20	120°
T8-150-30W-827	1500mm	30W	AC 100V-240V	>2700lm	2700K	>80 Ra	-20℃~45℃	IP20	120°
T8-150-30W-840	1500mm	30W	AC 100V-240V	>3000lm	4000K	>80 Ra	-20℃~45℃	IP20	120°
T8-150-30W-860	1500mm	30W	AC 100V-240V	>3000lm	6000K	>80 Ra	-20℃~45℃	IP20	120°

70° LED T8 Tube

70° LED T8 Tube



TOBILED LED T8 Tube, the best replacement of fluorescent,
use strictly selected LED, high efficiency;
LED dots are invisible
90° rotating end cap, easy for installation
Replacement starter included in the delivery

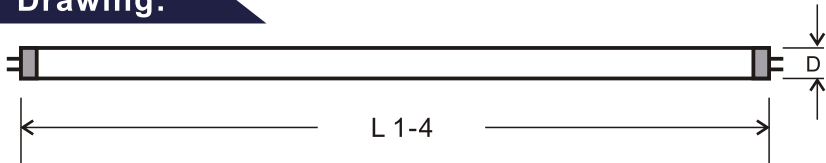


90° rotating end cap

Feature:

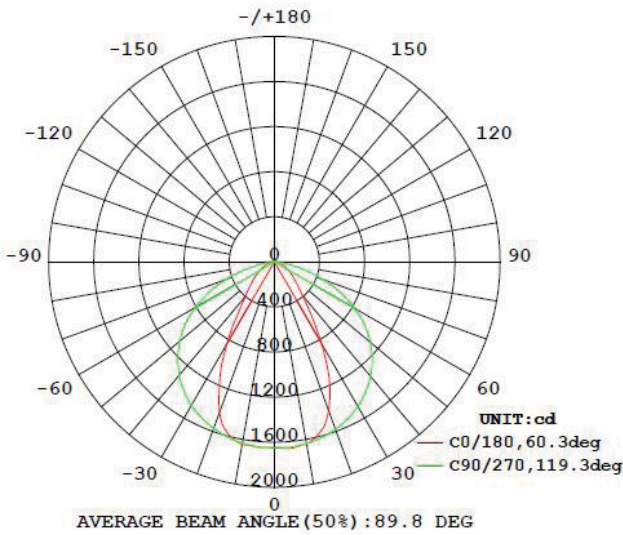
- High efficiency >110lm/W, 3014 or 2835LED
- G13 socket, input 220-240VAC, 50/60Hz
- Power: 12W - 30W
- Size: 590mm, 890mm, 1200mm, 1500mm
- Long Lifetime >30.000 hours
- Standard Correlated Color Temperature: 2700k & 3000k & 4000K & 6000K
- PF>0.95, CRI>80
- No special reconnecting of wires needed for conventional ballast
- Rotary end cap, -90° to +90° is adjustable
- Uniform, light spots are invisible
- 70° beam angle

Drawing:



Dimensions

T8- 059	L1	590mm
T8- 089	L2	895mm
T8- 120	L3	1200mm
T8- 150	L4	1500mm
End cap	D	28mm



Part No	Length	P(W)	Input Voltage	Luminous Flux	CCT	CRI	Operation Temperature	IP	Beam Angel
T8-059-12W-827-70	590mm	12W	AC 100V-240V	>1000lm	2700K	>80 Ra	-20℃~45℃	IP20	70°
T8-059-12W-840-70	590mm	12W	AC 100V-240V	>1200lm	4000K	>80 Ra	-20℃~45℃	IP20	70°
T8-059-12W-860-70	590mm	12W	AC 100V-240V	>1200lm	6000K	>80 Ra	-20℃~45℃	IP20	70°
T8-089-18W-827-70	895mm	18W	AC 100V-240V	>1600lm	2700K	>80 Ra	-20℃~45℃	IP20	70°
T8-089-18W-840-70	895mm	18W	AC 100V-240V	>1800lm	4000K	>80 Ra	-20℃~45℃	IP20	70°
T8-089-18W-860-70	895mm	18W	AC 100V-240V	>1800lm	6000K	>80 Ra	-20℃~45℃	IP20	70°
T8-120-24W-827-70	1200mm	24W	AC 100V-240V	>2400lm	2700K	>80 Ra	-20℃~45℃	IP20	70°
T8-120-24W-840-70	1200mm	24W	AC 100V-240V	>2400lm	4000K	>80 Ra	-20℃~45℃	IP20	70°
T8-120-24W-860-70	1200mm	24W	AC 100V-240V	>2400lm	6000K	>80 Ra	-20℃~45℃	IP20	70°
T8-150-30W-827-70	1500mm	30W	AC 100V-240V	>2700lm	2700K	>80 Ra	-20℃~45℃	IP20	70°
T8-150-30W-840-70	1500mm	30W	AC 100V-240V	>3000lm	4000K	>80 Ra	-20℃~45℃	IP20	70°
T8-150-30W-860-70	1500mm	30W	AC 100V-240V	>3000lm	6000K	>80 Ra	-20℃~45℃	IP20	70°

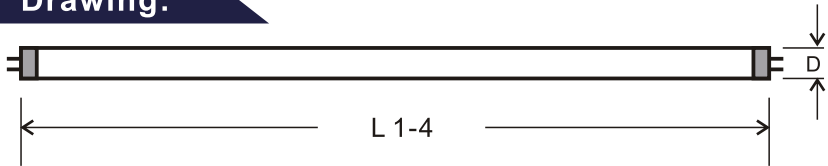


90° rotating end cap

Feature:

- High power 3528 RGB LED
- G13 socket, input 110-240VAC, 50/60Hz
- Power: 18W
- Size: 1200mm
- Long Lifetime >30.000 hours
- PF>0.95,CRI>80
- No special reconnecting of wires needed for conventional ballast
- Rotary end cap, -90° to +90° is adjustable
- Can be used with IP65 enclosed fixtures
- 110° beam angle

Drawing:

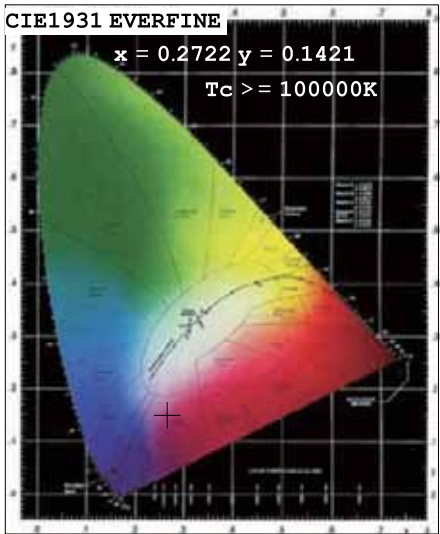
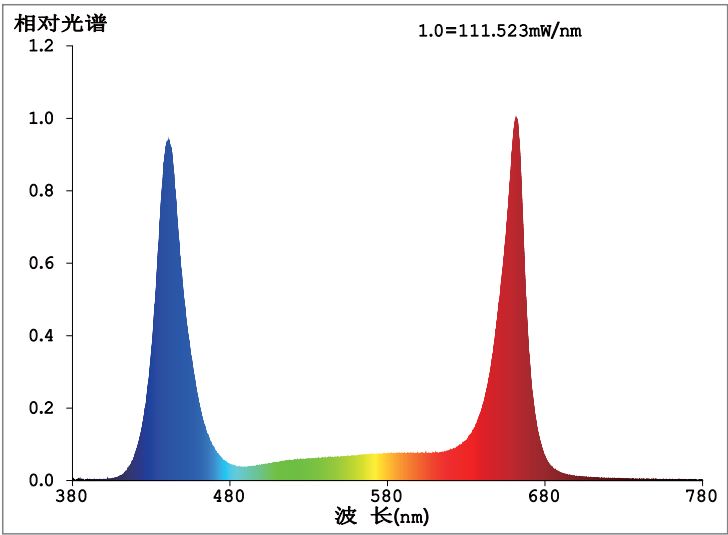


Dimensions:

T8- 120 L3 1200mm
End cap D 28mm or 26mm(used for waterproof fixture)

Different size is available on request!

Part No	Length	P(W)	Input Voltage	Luminous Flux	LED	CRI	Operation Temperature	IP	Beam Angel
GUT8-120-17W-3528	1200mm	18W	AC 100V-240V	>1700lm	330pcs	>80 Ra	-20℃~45℃	IP20	110°





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LED dots are invisible
90° rotating end cap, easy for installation
Replacement starter included in the delivery

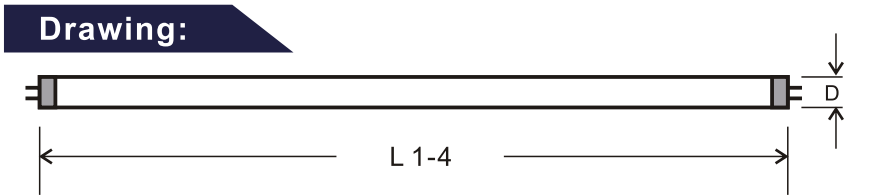
Suit for train, industry, truck which connect with 24VDC output application.



90° rotating end cap

Feature:

- High efficiency >110lm/W, 3014 or 2835LED
- G13 socket, input 16.5-32VDC, 50/60Hz
- Power: 24W (different power is available on request !)
- Size: 1200mm
- Long Lifetime >30.000 hours
- Standard Correlated Color Temperature: 2700k & 3000k & 4000K & 6000K
- PF>0.95, CRI>80
- No special reconnecting of wires needed for conventional ballast
- Rotary end cap, -90° to +90° is adjustable
- Uniform, light spots are invisible
- 70° and 120° beam angle



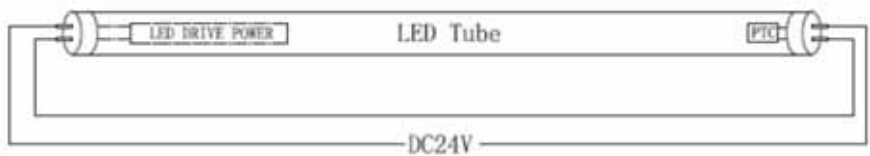
Dimensions

T8- 120	L3	1200mm
End cap	D	28mm

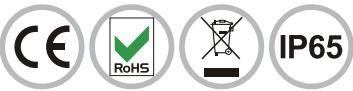
Different size available on request!

Part No	Length	P(W)	Input Voltage	Luminous Flux	CCT	CRI	Operation Temperature	IP	Beam Angel
24V-T8-120-24W-827	1200mm	24W	DC 16.5V-32V	>2400lm	2700K	>80 Ra	-20℃~45℃	IP20	70°/120°
24V-T8-120-24W-840	1200mm	24W	DC 16.5V-32V	>2400lm	4000K	>80 Ra	-20℃~45℃	IP20	70°/120°
24V-T8-120-24W-860	1200mm	24W	DC 16.5V-32V	>2400lm	6000K	>80 Ra	-20℃~45℃	IP20	70°/120°

Connection drawing:



- Attention:
- 1) DC input range:16.5-32V
The + or - of DC is not needed to be distinguished when installation.
 - 2) Cable size, 22AWG or above.



Tobiled 230V , IP65 plug in LED tubes are a completely new class of tube system. we provide in various fixed lengths and can be connected together up to Maximum 200W in one line.

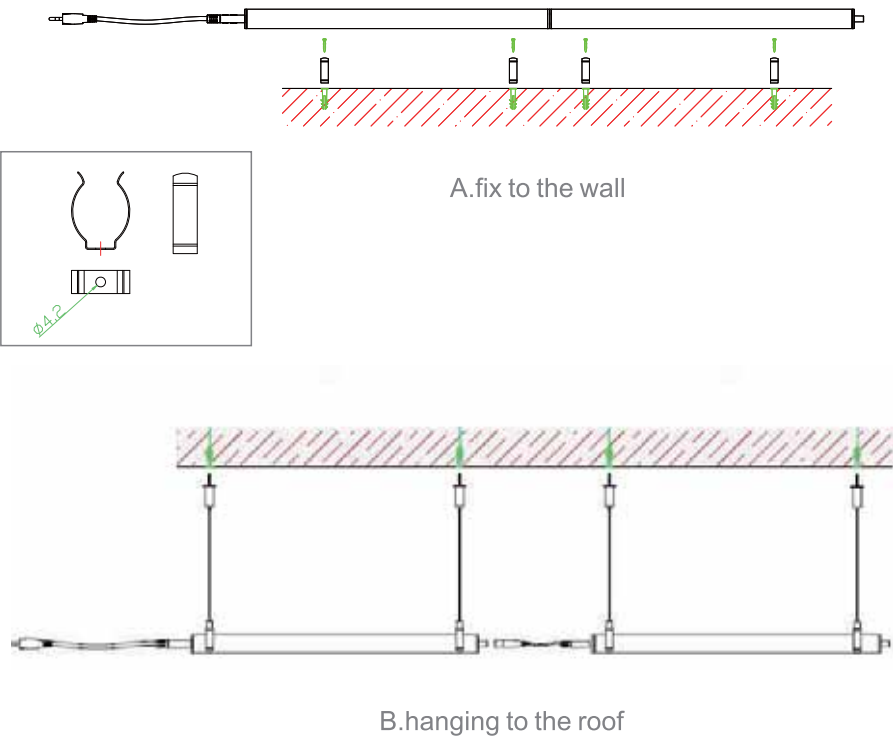
Connecting cables of different lengths facilitate appropriate corner solutions. Can be clipped with small mounting clip also can be hanging up with rope. Between the tube we have a special design for lock in, to keep tubes join together in a strong way to avoid loss after long time use. It is IP65, can be used for both outdoor and indoor application. the easy "plug in " way, save your time and handwork!

Feature:

- High efficiency >110lm/W, 3014 or 2835LED
- Input 110-240VAC, 50/60Hz
- Power: 12W - 30W
- Size: 590mm, 890mm, 1200mm, 1500mm
- Long Lifetime >30.000 hours
- Standard Correlated Color Temperature: 2700k & 3000k &4000K & 6000K
- PF>0.95, CRI>80
- Uniform, light spots are invisible
- IP65
- 120° /70°

Part No	Length	P(W)	Input Voltage	Luminous Flux	CCT	CRI	Operation Temperature	IP	Beam Angel
PT8-059-12W-827	590mm	12W	AC 100V-240V	>1000lm	2700K	>80 Ra	-20℃~45℃	IP65	70°/120°
PT8-059-12W-840	590mm	12W	AC 100V-240V	>1200lm	4000K	>80 Ra	-20℃~45℃	IP65	70°/120°
PT8-059-12W-860	590mm	12W	AC 100V-240V	>1200lm	6000K	>80 Ra	-20℃~45℃	IP65	70°/120°
PT8-089-18W-827	895mm	18W	AC 100V-240V	>1600lm	2700K	>80 Ra	-20℃~45℃	IP65	70°/120°
PT8-089-18W-840	895mm	18W	AC 100V-240V	>1800lm	4000K	>80 Ra	-20℃~45℃	IP65	70°/120°
PT8-089-18W-860	895mm	18W	AC 100V-240V	>1800lm	6000K	>80 Ra	-20℃~45℃	IP65	70°/120°
PT8-120-24W-827	1200mm	24W	AC 100V-240V	>2400lm	2700K	>80 Ra	-20℃~45℃	IP65	70°/120°
PT8-120-24W-840	1200mm	24W	AC 100V-240V	>2400lm	4000K	>80 Ra	-20℃~45℃	IP65	70°/120°
PT8-120-24W-860	1200mm	24W	AC 100V-240V	>2400lm	6000K	>80 Ra	-20℃~45℃	IP65	70°/120°
PT8-150-30W-827	1500mm	30W	AC 100V-240V	>2700lm	2700K	>80 Ra	-20℃~45℃	IP65	70°/120°
PT8-150-30W-840	1500mm	30W	AC 100V-240V	>3000lm	4000K	>80 Ra	-20℃~45℃	IP65	70°/120°
PT8-150-30W-860	1500mm	30W	AC 100V-240V	>3000lm	6000K	>80 Ra	-20℃~45℃	IP65	70°/120°

Installation instruction



230V 100-150W LED Flood light

230V 100-150W LED Flood light



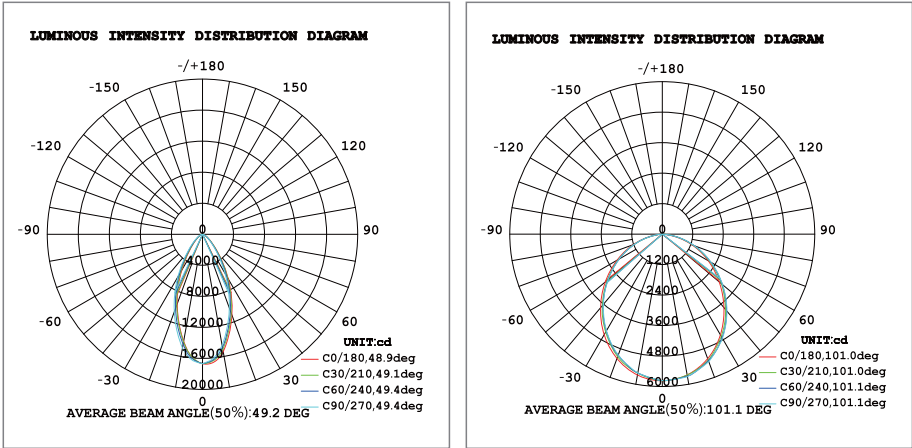
Tobiled flood light are high efficiency and economical compared with HPMV lamps, special designed for Industry area and have a protection class of IP65, different beam angle to meet your various application.

Feature:

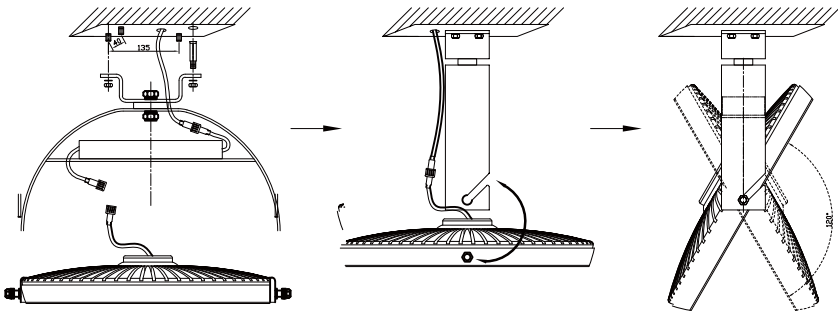
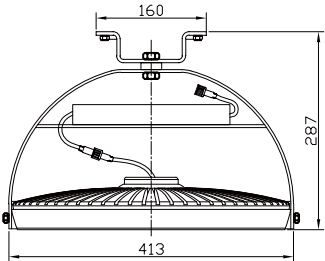
- High efficiency >110lm/W, 384pcs/5730 5630 or 96pcs Rebel or Cree
- Long Lifetime >30,000 hours
- Color Temperature 3000K, 4000K & 6000K; CRI>80
- Input:100-240VAC, PF>0.95
- Optional beam angle 110° (different beam angle is available on request!)
- Housing color: silver, 180° turn round holder
- Product material: aluminum
- Diffuser: clear / milky
- IP 65
- Dimmable is available on request (1-10V or Dali)
- 5years warranty

Part No	Size	P(W)	Input Voltage	Luminous Flux	CCT	CRI	Operation Temperature	IP	Beam Angel	Net weight
RFL400-100W-XY-C/M	A:Φ413*487mm	100W	AC 100V-240V	>10000lm	2700-6500K	>80 Ra	-20℃~50℃	IP65	110°	9.2kg
RFL400-150W-XY-C/M	A:Φ413*487mm	150W	AC 100V-240V	>15000lm	2700-6500K	>80 Ra	-20℃~50℃	IP65	110°	9.2kg

XY=30/40/ 60, for CCT 3000K, 4000K, 6000K.
C=Clear diffuser or M=Milky diffuser



Installation:



230V 100W LED Flood light

230V 100W LED Flood light



Part No	Size	P(W)	Input Voltage	Luminous Flux	CCT	CRI	Operation Temperature	IP	Beam Angel	Net weight
SFL414-100W -XY-C/M	L485*W313* H235mm	100W	AC 100V-240V	>10000lm	2700- 6500K	>80 Ra	-20℃~50℃	IP65	110°	8kg

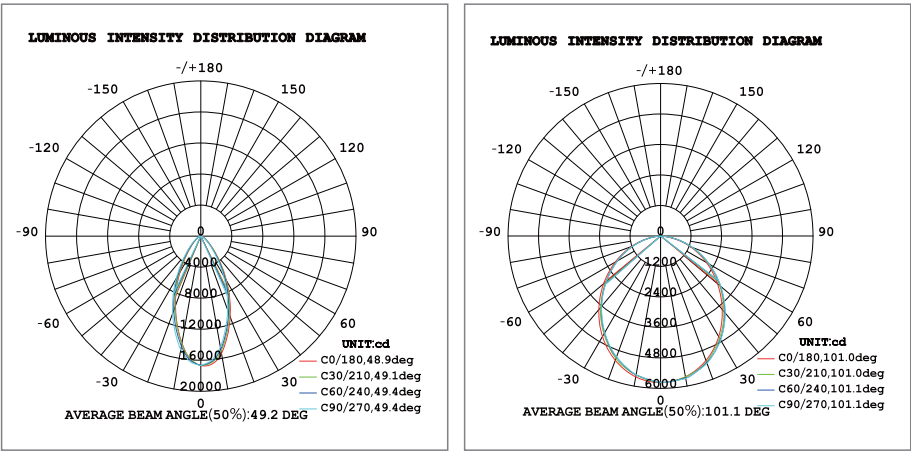
XY=30/40/ 60, for CCT 3000K, 4000K, 6000K.
C=Clear diffuser or M=Milky diffuser



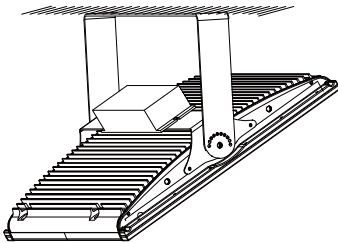
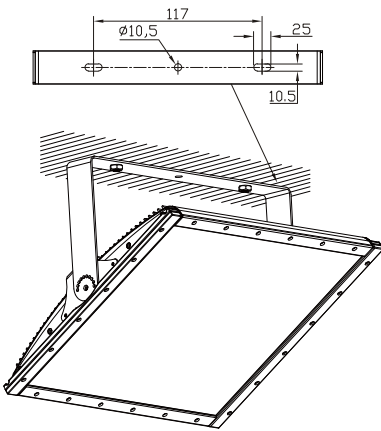
Tobiled flood light are high efficiency and economical compared with HPMV lamps, special designed for Industry area and have a protection class of IP65, different beam angle to meet your various application.

Feature:

- High efficiency >110lm/W, 1232pcs 5730 5630LED or 84pcs Rebel or Cree
- Long Lifetime >30,000 hours
- Color Temperature 3000K, 4000K & 6000K; CRI>80
- Input:100-240VAC, PF>0.95
- Optional beam angle 110° (different beam angle is available on request!)
- Housing color: silver, 150° turn round holder
- Product material: aluminum
- Diffuser: clear / milky
- IP 65
- Dimmable is available on request (1-10V or Dali)
- 5years warranty



Installation:





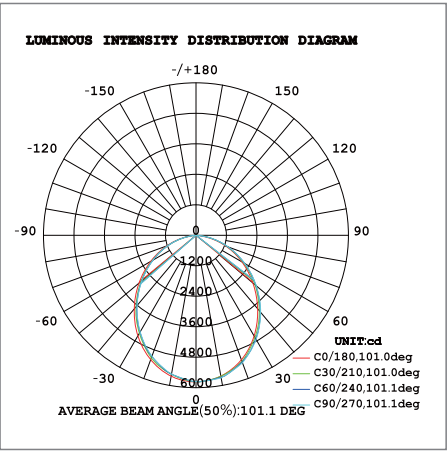
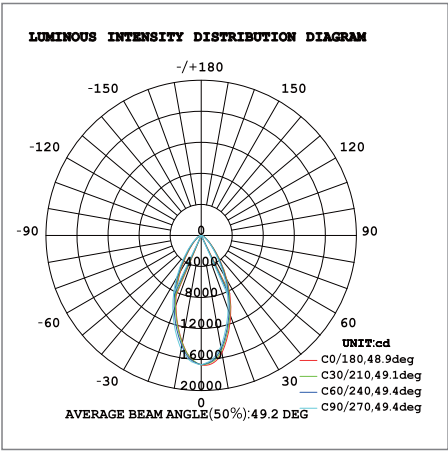
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Feature:

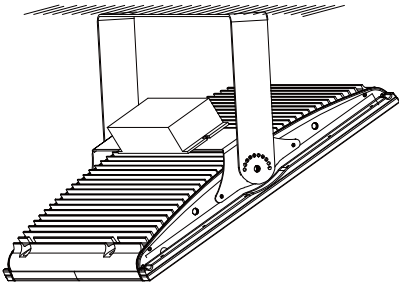
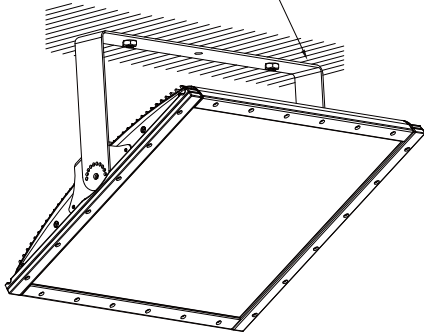
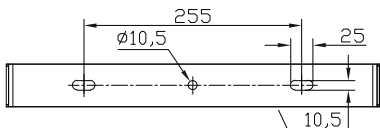
- High efficiency >110lm/W, 1848pcs/5630 or 126pcs Rebel or Cree
- Long Lifetime >50,000 hours
- Color Temperature 3000K, 4000K & 6000K; CRI>80
- Input:100-240VAC, PF>0.95
- Optional beam angle 110° (different beam angle is available on request!)
- Housing color: silver, 180° turn round holder
- Product material: aluminum
- Diffuser: clear / milky
- IP 65
- Dimmable is available on request (1-10V or Dali)
- 5years warranty

Part No	Size	P(W)	Input Voltage	Luminous Flux	CCT	CRI	Operation Temperature	IP	Beam Angel	Net weight
SFL414-150W-XY-C/M	L414*W450*H235mm	150W	AC 100V-240V	>15000lm	2700-6500K	>80 Ra	-20℃~50℃	IP65	110°	11kg
SFL414-200W-XY-C/M	L414*W450*H235mm	200W	AC 100V-240V	>20000lm	2700-6500K	>80 Ra	-20℃~50℃	IP65	110°	11kg

XY=30/40/ 60, for CCT 3000K, 4000K, 6000K.
C=Clear diffuser or M=Milky diffuser



Installation:



230V 100-200W LED Flood light

150W-200W LED Flood light



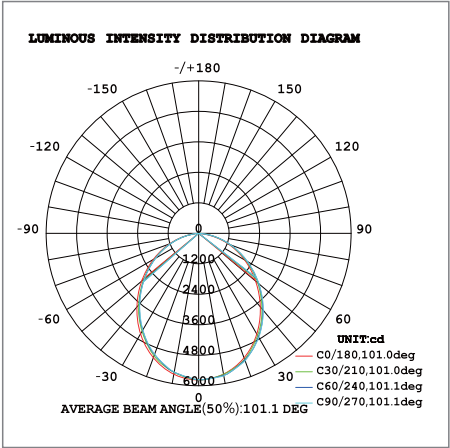
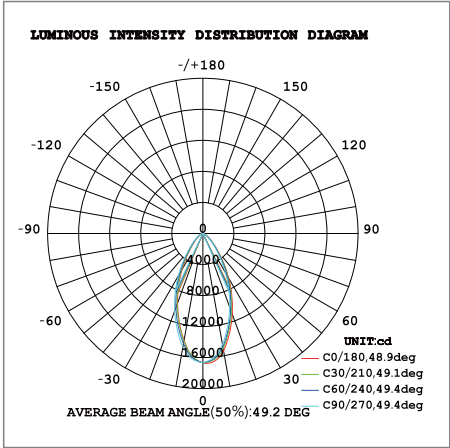
Tobiled flood light are high efficiency and economical compared with HPMV lamps, special designed for Industry area and have a protection class of IP65, different beam angle to meet your various application.

Feature:

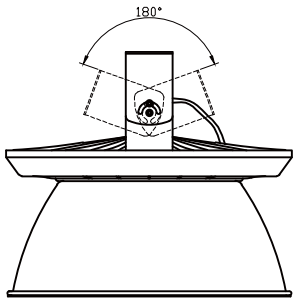
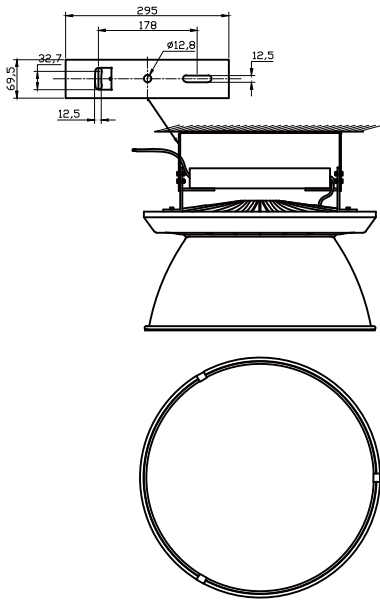
- High efficiency >110lm/W, 482pcs 5730 5630LED or 84pcs Rebel or Cree
- Long Lifetime >50,000 hours
- Color Temperature 3000K, 4000K & 6000K; CRI>80
- Input:100-240VAC, PF>0.95
- Optional beam angle 110°/70°/45°
- Housing color: silver, 180° turn round holder
- Product material: aluminum
- Diffuser: clear / milky
- IP 65
- Dimmable is available on request (1-10V or Dali)
- 5years warranty

Part No	Size	P(W)	Input Voltage	Luminous Flux	CCT	CRI	Operation Temperature	IP	Beam Angel	Net weight
RFL420-150W -XY-C/M-110/70/45	Φ420*H 190	150W	AC 100V-240V	>15000lm	2700-6500K	>80 Ra	-20℃~50℃	IP65	110°/70°/45°	7.38kg
RFL420-200W -XY-C/M-110/70/45	Φ420*H 190	200W	AC 100V-240V	>20000lm	2700-6500K	>80 Ra	-20℃~50℃	IP65	110°/70°/45°	7.38kg

XY=30/40/ 60, for CCT 3000K, 4000K, 6000K.
C=Clear diffuser or M= Milky diffuser
110/70/45=110°/70°/45°



Installation:



230V 10-80W LED Flood light

230V 10W-80W LED Flood light



Part No	Size	P(W)	Input Voltage	LM	CCT	CRI	Operation Temperature	IP	Beam Angel	Net weight
TB-COBFL-10-xy	145*75*50mm	10W	AC 100V-240V	>760lm	2700-6500K	>80 Ra	-20℃~50℃	IP65	90°	0.8kg
TB-COBFL-30-xy	280*220*80mm	30W	AC 100V-240V	>2400lm	2700-6500K	>80 Ra	-20℃~50℃	IP65	90°	2.5kg
TB-COBFL-50-xy	350*320*105mm	50W	AC 100V-240V	>4000lm	2700-6500K	>80 Ra	-20℃~50℃	IP65	90°	3.7kg
TB-COBFL-80-xy	430*370*110mm	80W	AC 100V-240V	>6400lm	2700-6500K	>80 Ra	-20℃~50℃	IP65	90°	6kg

XY=30/40/ 60, for CCT 3000K, 4000K, 6000K.

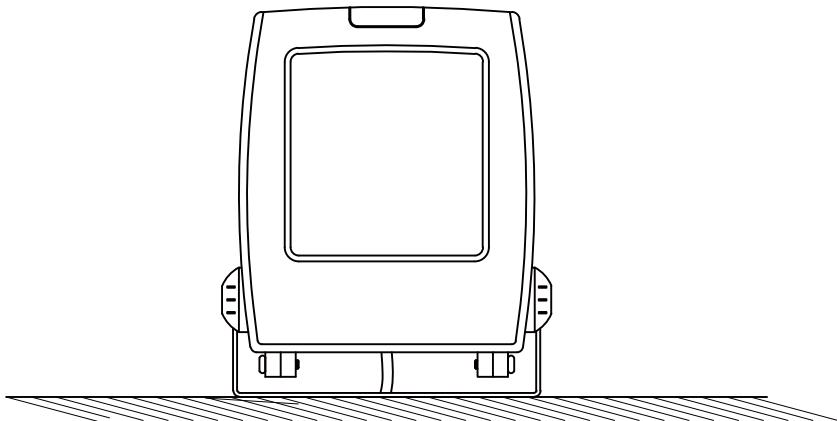
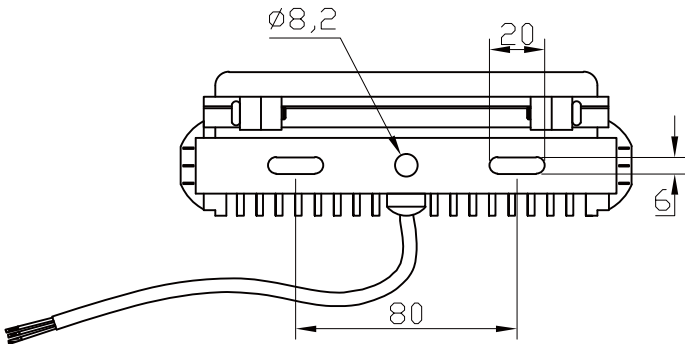


Tobiled flood light are high efficiency and economical compared with HPMV lamps, special designed for Industry area and have a protection class of IP65, different beam angle to meet your various application.

Feature:

- High efficiency COB LED>80lm/W,
- Long Lifetime >30,000 hours
- Color Temperature 3000K, 4000K & 6000K; CRI>80
- Input: 100-240VAC, PF>0.95
- Beam angle 90°
- Housing color: silver
- Product material: aluminum
- Diffuser: Frozen
- IP 65
- 3years warranty

Installation:



the drawing is for 80W flood light

LED Panel 300 x 300 mm

LED Panel 300x300mm



Part No	Size	P(W)	Input Voltage /Current	Luminous Flux	CCT	CRI	Operation Temperature	Beam Angel	Net weight
18W-PL300-300-ab	296*296* T10mm	18W	30V/600mA	>1750lm	2700-6500K	>80 Ra	-20℃~40℃	110°	0.92kg

ab=30/40/ 60, for CCT 3000K, 4000K, 6000K.

Color change version from 3000k -6000k is available

Assesories:



Rode fixing kit for suspending type



Spring mounting kit



Wall mounting kit



TOBILED LED Panel light combined side emitting backlight technology with special designed dot LGP, with the features of uniform illumination, low cost maintenance and high efficiency, recessed type, suspending type and mounting type installation available.

Feature:

- High efficiency LED: >88lm/W, 200pcs 3014 LED
- Long Lifetime >30,000 hours
- Color Temperature 3000K, 4000K & 6000K; CRI>80
- Input: 30V, 600mA
- Optional beam angle 110°
- Frame color: silver in standard / different color available on request
- No dark Zone, no black/White spot
- UGR:19-22
- 4 sides bight up
- External Driver: LF-GTU028YA -600mA (PF>0.95)
- IP 40
- 5years warranty (LED panel 5years warranty, LED Driver 3years warranty)
- Dimmable version only available on request

LED Panel 300 x 600 mm

LED Panel 300x600mm



Part No	Size	P(W)	Input Voltage /Current	Luminous Flux	CCT	CRI	Operation Temperature	IP	Beam Angel	Net weight
36W-PL300-600-ab	596*296* T10mm	36W	36V/ 1000mA	>3150lm	2700-6500K	>80 Ra	-20℃~40℃	IP65	110°	2.5 kg
25W-PL300-600-ab	596*296* T10mm	25W	36V/ 1000mA	>2200lm	2700-6500K	>80 Ra	-20℃~40℃	IP65	110°	2.5 kg

Remark:

ab=30/40/ 60, for CCT 3000K, 4000K, 6000K.

Color change version from 3000k -6000k is available



TOBILED LED Panel light combined side emitting back light technology with special designed dot LGP, with the features of uniform illumination, low cost maintenance and high efficiency, recessed type, suspending type and mounting type installation available.

Feature:

- High efficiency LED: >88lm/W, 216pcs 2835 LED
- Long Lifetime >30,000 hours
- Color Temperature 3000K, 4000K & 6000K; CRI>80
- Input: 36V, 1000mA
- Optional beam angle 110°
- Frame color: silver in standard / different color available on request
- No dark Zone, no black/White spot
- UGR:19-22
- 4 sides bight up
- External Driver: LF-GTU028YA -600mA/25W (PF>0.95)
- LF-GTU040YA -1000mA/36W (PF>0.95)
- IP 40
- 5years warranty (LED panel 5years warranty, LED Driver 3years warranty)
- Dimmable version only available on request

Assesories:



Rode fixing kit for suspending type



Spring mounting kit



Wall mounting kit

LED Panel 620 x 620 mm

LED Panel 620x620mm



Part No	Size	P(W)	Input Voltage /Current	Luminous Flux	CCT	CRI	Operation Temperature	Beam Angel	Net weight
36W-PL600-600-ab	616*616* T10mm	38W	40V/ 960mA	>3340 lm	2700-6500K	>80 Ra	-20℃~40℃	110°	4.8kg
45W-PL600-600-ab	616*616* T10mm	45W	40V/ 1120mA	>3960 lm	2700-6500K	>80 Ra	-20℃~40℃	110°	4.8kg
56W-PL600-600-ab	616*616* T10mm	56W	56V/ 1400mA	>4928 lm	2700-6500K	>80 Ra	-20℃~40℃	110°	4.8kg

Remark:

ab=30/40/ 60, for CCT 3000K, 4000K, 6000K.

Color change version from 3000k -6000k is available

Assesories:



Rode fixing kit for suspending type



Spring mounting kit



Wall mounting kit



TOBILED LED Panel light combined side emitting back light technology with special designed dot LGP, with the features of uniform illumination, low cost maintenance and high efficiency, recessed type, suspending type and mounting type installation available.

Feature:

- High efficiency LED: >88lm/W, 312 pcs 2835 LED
- Long Lifetime >30,000 hours
- Color Temperature 3000K, 4000K & 6000K; CRI>80
- Input: 40V, 960mA/36W, 1120mA/45W, 1400mA/56W
- Optional beam angle 110°
- Frame color: silver in standard (difference color available on request)
- No dark Zone, no black/White spot
- UGR:19-22
- 4 sides bright up
- External Driver: LF-GIRO40YB(A) -960mA/36W (PF>0.95)
LF-GIRO60YB(A) -1120mA/45W (PF>0.95)
LF-GIRO60YB(A) -1400mA/56W (PF>0.95)
- IP 40
- 5years warranty (LED panel 5years warranty, LED Driver 3years warranty)
- Dimmable version only available on request

LED Panel 600 x 600 mm

LED Panel 600x600mm



TOBILED LED Panel light combined side emitting back light technology with special designed dot LGP, with the features of uniform illumination, low cost maintenance and high efficiency, recessed type, suspending type and mounting type installation available.

Feature:

- High efficiency LED: >88lm/W, 288 pcs 2835 LED
- Long Lifetime >30,000 hours
- Color Temperature 3000K, 4000K & 6000K; CRI>80
- Input: 36V, 1000mA/36W, 1120mA/40W, 1400mA/50W
- Optional beam angle 110°
- Frame color: silver in standard (difference color available on request)
- No dark Zone, no black/White spot
- UGR:19-22
- 4 sides bright up
- External Driver: LF-GIRO40YB(A) -1000mA /36W (PF>0.95)
LF-GIRO60YB(A) -1120mA/40W (PF>0.95)
LF-GIRO60YB(A) -1400mA/50W (PF>0.95)
- IP 40
- 5years warranty (LED panel 5years warranty, LED Driver 3years warranty)
- Dimmable version only available on request

Part No	Size	P(W)	Input Voltage /Current	Luminous Flux	CCT	CRI	Operation Temperature	Beam Angel	Net weight
36W-PL600-600-ab	596*596* T10mm	36W	36V/ 1000mA	>3150lm	2700-6500K	>80 Ra	-20℃~40℃	110°	4.5kg
40W-PL600-600-ab	596*596* T10mm	40W	36V/ 1120mA	>3500lm	2700-6500K	>80 Ra	-20℃~40℃	110°	4.5kg
50W-PL600-600-ab	596*596* T10mm	50W	36V/ 1400mA	>4400lm	2700-6500K	>80 Ra	-20℃~40℃	110°	4.5kg

Remark:

ab=30/40/ 60, for CCT 3000K, 4000K, 6000K.

Color change version from 3000k -6000k is available

Assesories:



Rode fixing kit for suspending type



Spring mounting kit



Wall mounting kit

LED Panel 1200x 300 mm

LED Panel 1200 x 300 mm



Part No	Size	P(W)	Input Voltage /Current	Luminous Flux	CCT	CRI	Operation Temperature	Beam Angel	Net weight
38W-PL1200-300-ab	1196*296* T10mm	38W	40V/ 960mA	>3340 lm	2700-6500K	>80 Ra	-20℃~40℃	110°	4kg
45W-PL1200-300-ab	1196*296* T10mm	45W	40V/ 1120mA	>3960 lm	2700-6500K	>80 Ra	-20℃~40℃	110°	4kg
56W-PL1200-300-ab	1196*296* T10mm	56W	56V/ 1400mA	>4928 lm	2700-6500K	>80 Ra	-20℃~40℃	110°	4 kg

Remark:

ab=30/40/ 60, for CCT 3000K, 4000K, 6000K.

Color change version from 3000k -6000k is available

Assesories:



Rode fixing kit for suspending type



Spring mounting kit



Wall mounting kit



TOBILED LED Panel light combined side emitting backlight technology with special designed dot LGP, with the features of uniform illumination, low cost maintenance and high efficiency, recessed type, suspending type and mounting type installation available.

Feature:

- High efficiency LED: >88lm/W, 312 pcs 2835 LED
- Long Lifetime >30,000 hours
- Color Temperature 3000K, 4000K & 6000K; CRI>80
- Input: 40V, 960mA/38W, 1120mA/45W, 1400mA/56W
- Optional beam angle 110°
- Frame color: silver in standard (difference color available on request)
- No dark Zone, no black/White spot
- UGR:19-22
- 4 sides bright up
- External Driver: LF-GIRO40YB(A) -960mA/36W (PF>0.95)
LF-GIRO60YB(A) -1120mA/45W (PF>0.95)
LF-GIRO60YB(A) -1400mA/56W (PF>0.95)
- IP40
- 5years warranty (LED panel 5years warranty, LED Driver 3years warranty)
- Dimmable version only available on request



With 5 cable input:

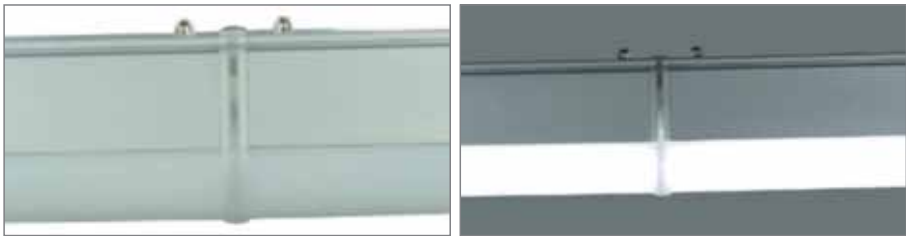
Industrial lighting installations have a big effect for the energy consumption and working efficiency.

Replacing old lighting system need to be done in a careful way to get the best result.

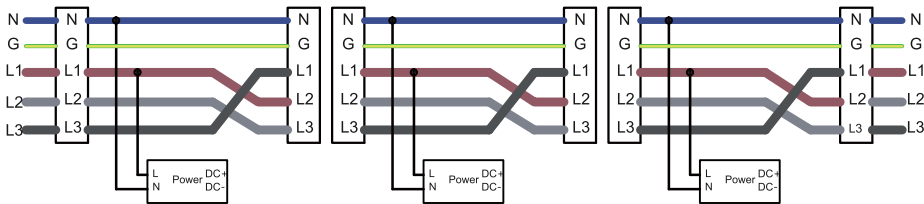
So TOBILED developed a new lighting series called AP19Longlamp to get the best benefit for lighting and installation. Existing T5 or T8 installations can be improved in a very short time to high efficiency Led lighting. Installation can be done without tools. Our smart technology with practical details are the favour of our system. The AP1901 System is very flexible and has 5 wire input, so you can control several different lighting scene with a big range of lighting options in one system. There also is a big range of lumen output and different angle such as spotlights, reflector or milky light output to get non glare lighting with best result for customer.

Feature:

- High efficiency >100lm/W, 2835LED or Cree and LUXEON
- Long Lifetime >30,000 hours
- Color: 2700-6500K, RA>80
- INPUT 100-240V AC, PF>0.95
- Optional beam angle 55°, 100° 140°
- L1,L2,L3 three phase current switching control
- Maximum can connect more than 10 000W (3 phase 16A 230 Volt) or 3000 Watt 16A in one line (230V)
- fulfill the safety requirement of industry lighting
- Standard product is with 1,5² cable, 2,5²mm cable is available on request.
- surface mounting or hanging mounting
- 1-10V and Dali are available on request.



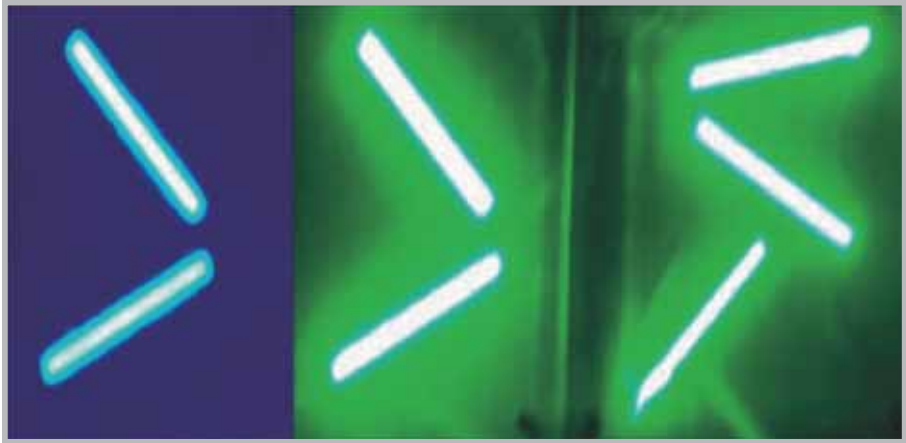
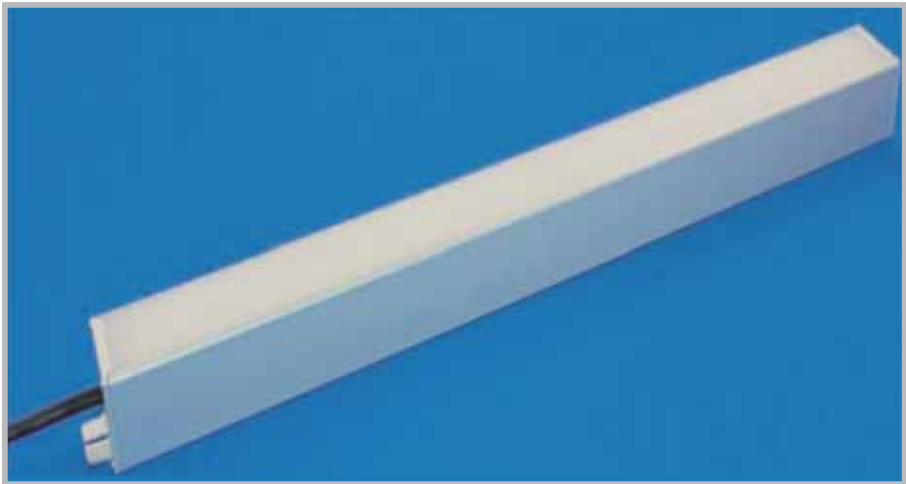
without gap connection



Wiring diagram

Model No.	Power	Lumen	LEDs	Dimensions	Beam Angel
AP1901-1200-40W-8XY-140	40W	>4000lm	2835LED	1200mm x 53mm *60mm	140°
AP1903-1200-40W-8XY-100	40W	>4000lm	2835LED	1200mm x 100mm *75mm	100°
AP1902-1200-40W-8XY-50	40W	>3800lm	Cree orLUXEON	1200mm x 53mm *60mm	50°
AP1901-1500-60W-8XY-140	60W	>6000lm	2835LED	1485mm x 53mm *53mm	140°
AP1903-1500-60W-8XY-100	60W	>6000lm	2835LED	1485mm x 100mm *75mm	100°
AP1902-1500-60W-83XY-50	60W	>5600lm	Cree orLUXEON	1485mm x 53mm *60mm	50°

Powerline DMX RGB line



Feature:

The new POWER LINE DMX RGB system is a completely new design based on a new encoding strategy. It is a combined power and data technology which facilitates complete RGB control of up to 250W all on a common two conductor cable.

Internally they incorporate special microprocessor controlled circuitry to decode line data and control built in high intensity tri color LEDS to produce incredible colored lighting effects – all on a single cable!

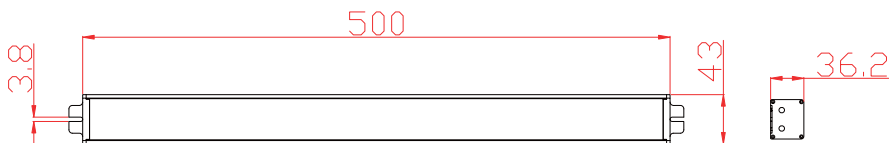
A higher power LED unit is also available for even greater intensity.

The ability to control large numbers of LED units with a very simple wiring strategy realizes excellent flexibility and reduced installation costs.

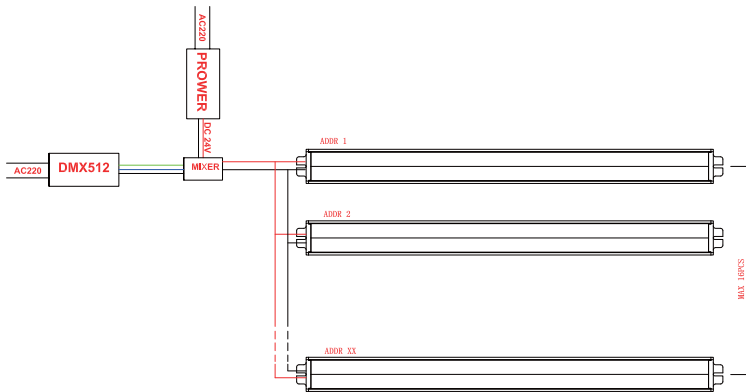
Power line DMX RGB strip

Model	LEDAP14-POWER LINE- DMXRGB-1402
LED	5050 RGB
Color	Red,Green,Blue and RGB changing
Beam Angle	120°
Input Voltage	DC24V
P (W)	14.5W
Control Mode	DMX512+Power line communication (only 2 cables)
Working temperature	-25~+50 °C
Storage temperature	-35~+70 °C
Dimensions (L*W*H)	536*43*36.2(mm)
IP Rating	IP67

Dimensions: (Unit:mm)



Electrical connection diagram:



Use our power system can driver up to 15pcs



Controlled by fully isolated DMX 512 system
IP67 suit for every application in door or outdoor.
RGB or RGB color-changing.

Application:
for lighting architectural features,
grazing walls, lighting passages,
stairways, windows and so on.



Technical Data:

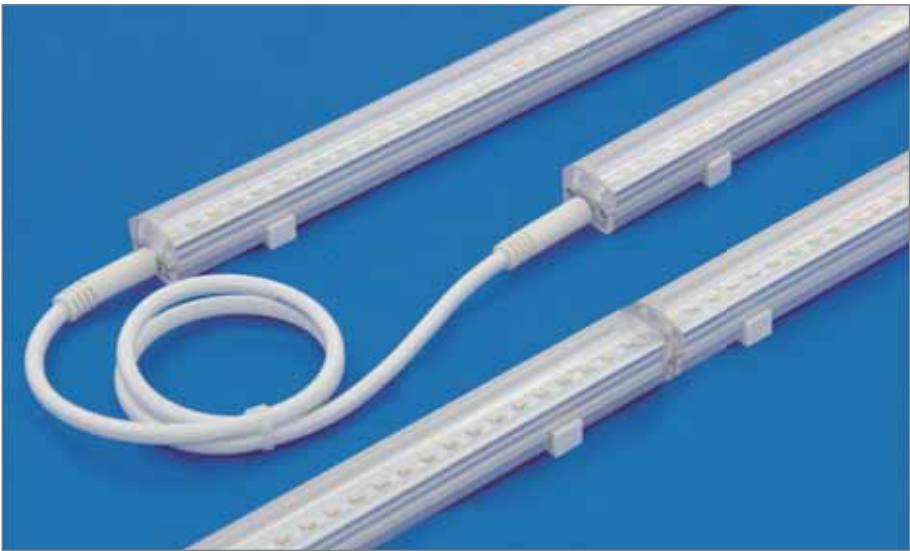
Model	LEDAP14-DMXRGB1401
LED	5050 RGB
Color	Red,Green,Blue and RGB changing
Beam Angle	120°
Input Voltage	DC24V
P (W)	14.5W
Control Mode	Normal DMX512 (2power line +3 single cables)
Working temperature	— 25~+50 oC
Storage temperature	— 35~+70 oC
Dimensions (L*W*H)	536*43*36.2(mm)
IP Rating	IP67

W-X1 Series
50W , 75W, 100W, 160W



Product Benefit:

- High precision optics available in narrow, medium, wide, and elliptical angles to suit every application indoor or outdoor.
- New technology in Amber color, also available in single color, warm/cool white, or RGBWA color-changing. It's perfect for lighting architectural features, grazing walls, lighting passages, stairways, windows and so on.
- Powered by the latest Philips Luxeon Rebel LEDs, higher fixture stability and longer LED lifetime
- Controlled by fully isolated DMX 512 and remote address-setting
- Power supply internal, easy installation



Tobiled LED line system are special designed for Shop lighting and display and so on.
Different lengths available by easy connection which can be connected up to 7m with one power supply.
Colors 2700-6000K, Color Rendering Index from Ra 80 to Ra 90, meat color is available on request.



Model No	Dimensions	Weight	Color	Luminous	Beaming angle	Cover effect	Input Voltage	Power consumptions	EEC
TB-AP1701-600-ab	L600*W17.6 *T14	120G	2700-6500	400-450lm	120°	clear/frosted /milky	24V	5W	A+
TB-AP1701-1000-ab	L1000*W17.6 *T14	200G	2700-6500	650-700lm	120°	clear/frosted /milky	24V	8W	A+
TB-AP1701-1200-ab	L1200*W17.6 *T14	230G	2700-6500	850-900lm	120°	clear/frosted /milky	24V	10W	A+

Customized length is available on request.
Connecting cables for corner joints available in different lengths



This sensor light is using the most advanced body-sensing detection sensor, anti-fire power plus constant voltage controlling circuit.
The entire circuit is optimized design; all components are made of high quality, high-precision materials.
It has a stable and reliable sensors. This is our first LED sensor light which is accepted by numerous consumers and popular overseas.

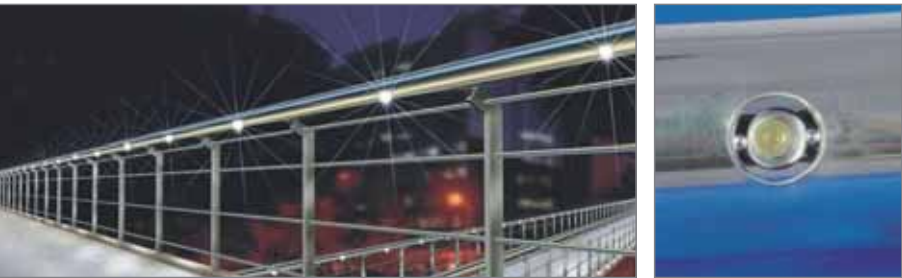
Model No	Dimensions	Weight	Color	LM	Beam angle	Cover effect	Input Voltage	Power	EEC
TB-MC-90012-A (with aluminium cover)	L920*W18 *H13	100G	2700-6500K	>600lm	120°	Frozen	230V	2.4W	A+
TB-MC-90012-B without cove	L1000*W12 *T13	50G	2700-6500K	>600lm	120°	Frozen	230V	8W	A+

Sensor Method: Advanced Human body motion sensor Technology
Activite Distance Range: ≤4m
Life Time: 3Years
Color: Red, Yellow, Blue, Green, White, Warm White.
Load power: 2.8W, (Customized specification on request, maximum 19.2W/m),
Working Current: ≤58mA,standy current: ≤100Ua
Rated Voltage: 230V
Working Temperature: -20°~45°, humidity: 5%-93%
Size: 900(L)x17.5(W)x13mm, (Customized sizes and shape on request)
Storage temperature: -20°~75°
Installing Method : Fixing Clips with Screws .



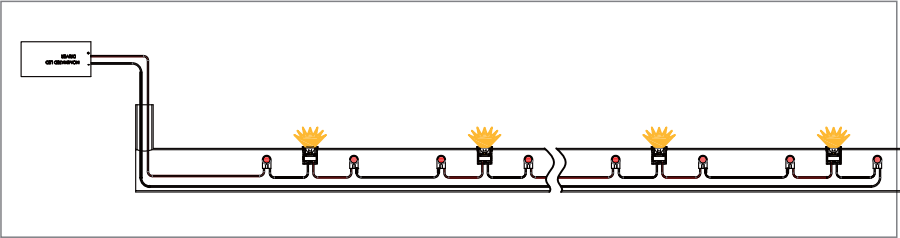
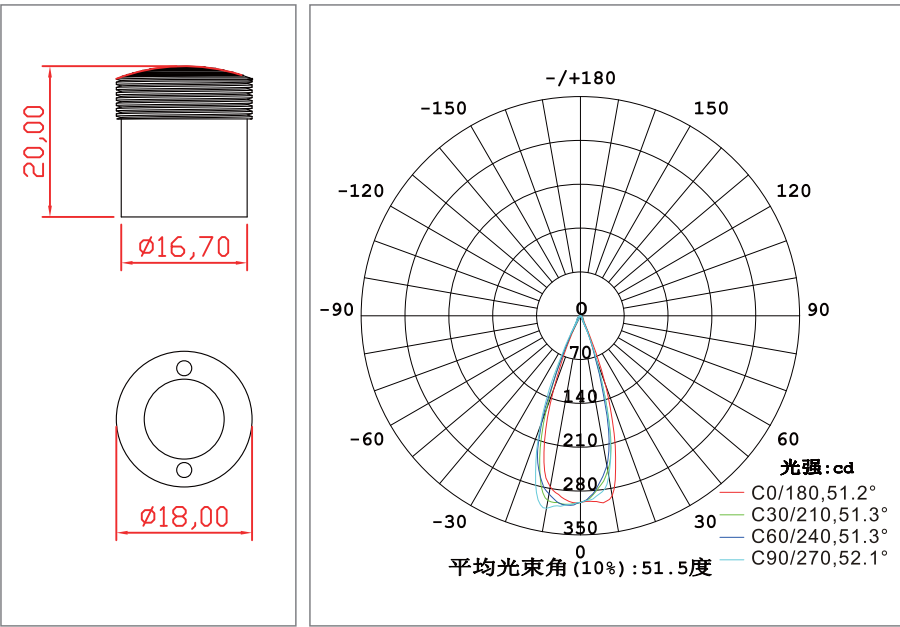
LED handrail lighting system, suit for standard handrail made by stainless steel and aluminum.

Different colors from 2700- 6500K, and Amber, G, B for LEDs are available, IP67 waterproof



Feature:

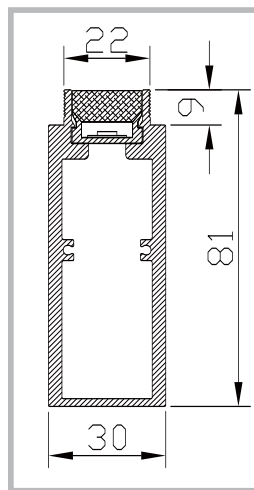
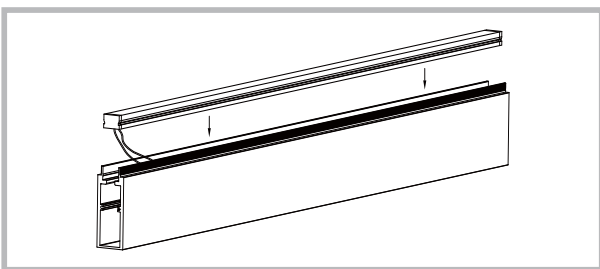
- Suit for Standard Ø38-100mm handrail wall thickness >1.5mm for a M18 hole
- 3M waterproof internal connectors
- Can be driven by 350mA and 500mA LED Diver.
- Aluminum anodized or stainless steel housing
- Customized sizes and shape on request.
- IP67



Part No	LED Color	Voltage	Operating Current	Power@ 350mA& 500mA	Dominant Wavelength	Luminous Flux	Protection Level
HS-M18T1MHDWW	Warm White	3.2 to 3.4V	350mA /500mA	1W/1.5W	2800-3000k	68lm/93lm	IP 67
HS-M18T1MHDNW	White	3.2 to 3.4V	350mA /500mA	1W/1.5W	4000-4500k	91lm/123lm	IP 67
HS-M18T1MHDPW	Pure white	3.2 to 3.4V	350mA /500mA	1W/1.5W	5000-6000k	91lm/123lm	IP 67
HS-M18T1MHDA	amber	3.2 to 3.4V	350mA /500mA	1W/1.5W	620-630nm	27lm/29lm	IP 67
HS-M18T1MHDB	Blue	3.2 to 3.4V	350mA /500mA	1W/1.5W	465-475nm	13lm/17lm	IP 67
HS-M18T1MHDG	Green	3.2 to 3.4V	350mA /500mA	1W/1.5W	515-530nm	76lm/95lm	IP 67
waterproof gel filledconnector				LED Source:			

LED Floor light

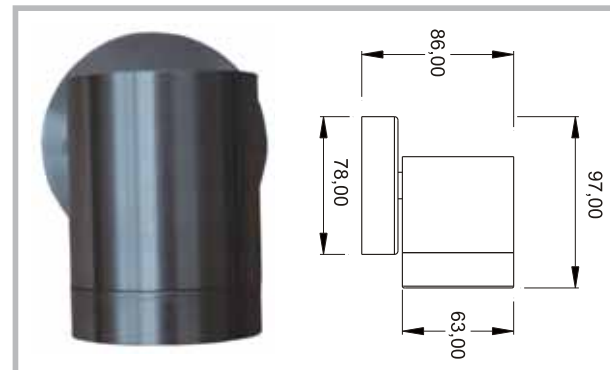
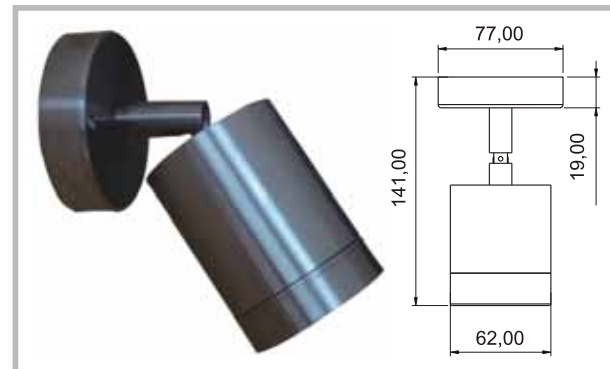
LED RGB Spot light



TOBILED LED Floor light, high pressure bearing, IP67.
spot invisible, comply safety standard EN60968, EN62471,
EN61347, EMC standard EN55015, RoHS directive

Feature:

- 24V, 6W per meter, super energy saving.
- high pressure bearing, 3 ton weight test
- Long Lifetime >30,000 hours
- Standard Correlated Color Temperature 3000K, 4000K & 6000K
- IP67



1. Housing: 314 stainless steel
2. LED Color: RGB(16 colors)
3. Color change mode: 1 sec. change color / 5 sec change color
/ Fade change / Smooth change
4. Control method: using Infrared Remote Controller (IRC161)
5. Infrared sensor is built-in the multi color lamp
from receive control signal.
Receive Angle: 30 degrees
Receive Distance: 5 meters

Spec. of Infrared Remote Controller:

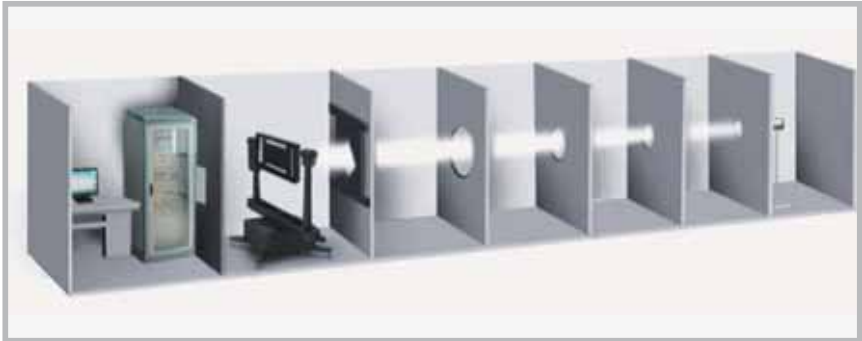
- Infrared Frequency: 38 KHz
- Radiation Angle: 30 degrees
- Radiation Distance: 5~7 m



Specification:

- Number of LEDs: 20 / 40 pcs LED from Lumileds
- Light color: typical 4000K / 6000 k
- input voltage: from 110-260V
- Current: 700mA
- Power: 45W / 90W
- Housing angle: adjustable from 0 ° to 180 °
- Protection: IP65
- All figures for TA = 25 ° C
- Option for power supply: dimmable adjustment from 1-10V

GO-2000 GONIOPHOTOMETER



HAAS-1200 Accurate spectroradiometer

