



LED bulbs from
Hangzhou Hemos

HANGZHOU HEMOS LIGHTING COMPANY LIMITED

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IN Spring 1992 near West Lake and Zhejiang University we started our journey. It felt amazing when we shipped out our first cargo of incandescent bulb twenty years ago. The feeling stayed unchanged from that time on.

What has changed is technology. From Halogen to CFL to LED, innovation ascends at the speed of lightning. With great effort, we have ascended with it. Today, we have our own Research & Design team and manufacturing factories. Our offer to you is the best lighting appliance made in China with superior quality , considerate service and competitive price.

We look forward to hear from you of this enterprise we love.

Hangzhou Hemos Lighting Company Limited

io[®]

SMART LIGHT

 Bluetooth[®] 4.0 Enabled LED Lamps

Simple. Accessible. Smart.



Easy Installation
Can be installed without the need for wiring, making it accessible and cost-effective for everyone



Smart Device Control
Control the latest io[®] Blu via a smart device



110-230V

50/60 Hz

9 W
6 W

E27

Model No.	Total Luminous Flux (lm)	Colour Temp. [CRI]	Rated Life (hrs)	Diameter (mm)	Length (mm)	Dimmable	Energy Class	Equivalent Incandescent Lamp Power (W)
io-BLU-W	810	2700K [Ra80]	25000	60	110	100-1%	A+	60
io-BLU-RGB+W	470	2700K [Ra80]	25000	60	110	100-1%	A+	40
	RGB		25000	60	110	100-1%		

Mobile App now available at  iOS &  Android

What io[®] BLU can do

- Power

 - Turn the lights on and off
- Dimming

 - Adjust brightness level with linear dimming functions
- RGB

 - Change color Auto or by selection
- Music

 - When enjoy the audio could auto dimming and change color
- Grouping

 - Control lighting devices room-by-room









Bluetooth version	4.0
Expected coverage	20 metres
Maximum number of groups	4 groups per app
Maximum number of lamps per group	4 pieces in each group
Control unit	iPhone iOS 7.0 + Android 4.3 + (Devices must support Bluetooth 4.0)
Applications	Household use, showroom, lounge, function room, reception area, etc.



SMD LED C37 G45



C37



G45-E27



G45-E14

Code	Model	Cap	W	Volt	LM	CRI	Beam Angle(°)	Lifetime	H(mm)	Diam.(mm)
io-401001	C37-4	E14/E27/B22	4W	220-240V	320	80	160	20000h	103	37
io-401002	C37-6	E14/E27/B22	6W	220-240V	470	80	160	20000h	103	37
io-401003	G45-4	E14/E27/B22	4W	220-240V	320	80	160	20000h	80	45
io-401004	G45-6	E14/E27/B22	6W	220-240V	470	80	160	20000h	80	45

SMD LED A60



A60/A65



A60S

Code	Model	Cap	W	Volt	LM	CRI	Lifetime	H(mm)	Diam.(mm)
io-401005	A60	E27/B22	7W	220-240V	470	80	20000h	110	60
io-401006	A60	E27/B22	9W	220-240V	810	80	20000h	110	60
io-401007	A65	E27/B22	12W	220-240V	1050	80	20000h	125	65
io-401008	A60S	E27/B22	13W	85-265V	1400	80	20000h	110	60

Bulb Dimmable SMD LED



C37D



G45D



A60D

Code	Model	Cap	W	Volt	LM	CRI	Lifetime	H(mm)	Diam.(mm)
io-401009	C37D-5.5W	E14	5.5W	220-240V	470	80	25000h	103	37
io-401010	G45D-5.5W	E14/E27	5.5W	220-240V	470	80	25000h	80	45
io-401011	A60D-10W	E27	10W	220-240V	806	80	25000h	110	60

SMD LED G115 T30



G115



T30

Code	Model	Cap	W	Volt	LM	CRI	Lifetime	H(mm)	Diam.(mm)
io-401012	G115-16	E27	16W	220-240V	1400	80	25000h	154	115
io-401013	G115-18	E27	18W	220-240V	1600	80	25000h	154	115
io-401014	T30-1.5	E14	1.5W	220-240V	100	80	25000h	76	30
io-401015	T30-2	E14	2W	100-240V	150	80	25000h	76	30



COB LED GU-10



COB-GU10

Code	Model	W	Volt	LM	CRI	Beam Angle	Lifetime	H(mm)	Diam.(mm)
io-401016	GU10	6W	100-240V	450	80	36°/60°	30000h	58	50

SMD LED GU-10 MR-16



GU10-30°



GU10-120°



MR16-30°

Code	Model	W	Volt	CRI	LM	Beam Angle	Lifetime	H(mm)	Diam.(mm)
io-401017	GU10	4.5W	85-265V	80	300	30°	20000h	58	50
io-401018	GU10	4.5W	85-265V	80	350	120°	20000h	58	50
io-401019	MR16	5W	85-265V	80	350	30°	20000h	56	50

SMD LED GU-10 MR-16



GU10-6



GU10-4.5



MR16-6



MR16-4.5

Code	Model	W	Volt	CRI	LM	Beam Angle	Lifetime	H(mm)	Diam.(mm)
io-401020	GU10-6	6W	220-240V	80	450	120°	20000h	57	50
io-401021	GU10-4.5	4.5W	220-240V	80	300	120°	20000h	57	50
io-401022	MR16-6	6W	220-240V	80	450	120°	20000h	50	50
io-401023	MR16-4.5	4.5W	220-240V	80	300	120°	20000h	50	50

SMD LED G9 GX53



G9



GX53

Code	Model	W	Volt	CRI	LM	Beam Angle	Lifetime	H(mm)	Diam.(mm)
io-401024	G9-2.2	2.2W	220-240V	80	230	360°	20000h	50	15
io-401025	G9-3	3W	220-240V	80	300	360°	20000h	63	17
io-401026	GX53-3.5	3.5W	220-240V	80	300	120°	20000h	24	74
io-401027	GX53-5.5	5.5W	220-240V	80	500	120°	20000h	24	74

T8 Series Linear LED Tube

This T8 LED tube does not require a ballast to work and offer a built-in universal line voltage driver, making it a top-of-the-line.

For Replacement use, see user guide.



Code	Lamp Power(W)	PF	Luminous flux (lm@4000K)	CCT(K)	CRI	Lifetime (hrs)	Socket	Dimension (mm)	Beam Angle(°)
io-401028	9	>0.9	900	3000/4000/6500	83	35000	G13	26x600	240
io-401029	18	>0.9	1800	3000/4000/6500	83	35000	G13	26x1200	240
io-401030	24	>0.9	2400	3000/4000/6500	83	35000	G13	26x1500	240

T5 Series Linear LED Tube

This T5 LED tube directly compatible electronic ballasts, fast for replacing fluorescent tubes as a more sustainable light source, quick and easy to install. No wires to replace, no hassle of changing drivers.



Code	Lamp Power(W)	System Power(W)	Ballast	Luminous flux (lm@4000K)	CCT(K)	CRI	Lifetime (hrs)	Socket	Dimension (mm)	Beam Angle(°)
io-401031	6	9	HE	870	3000/4000/6500	83	35000	G5	18.4*549	240
io-401032	10	13	HE	1250	3000/4000/6500	83	35000	G5	18.4*849	240
io-401033	13	16	HE	1550	3000/4000/6500	83	35000	G5	18.4*1149	240
io-401034	18	21	HE	2000	3000/4000/6500	83	35000	G5	18.4*1449	240
io-401035	12	15	HO	1450	3000/4000/6500	83	35000	G5	18.4*549	240
io-401036	21	24	HO	2300	3000/4000/6500	83	35000	G5	18.4*849	240
io-401037	29	32	HO	3100	3000/4000/6500	83	35000	G5	18.4*1149	240
io-401038	37	40	HO	3600	3000/4000/6500	83	35000	G5	18.4*1449	240

T8-LED Tube User Guide

T8-LED Tube is not dimmable
Always switch off the power supply before commencing work!

Only to apply in dry indoor usage and environment, outdoor applications requires an IP rated fixtures.

Do not change the structure or any components of the T8-LED Tube to ensure safety.

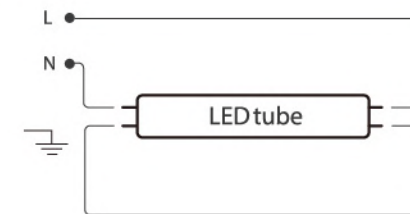
Please keep this user guide for future system maintenance.

T8-LED Tube is designed to fit standard IEC compliant G13 bi-pin lampholders.

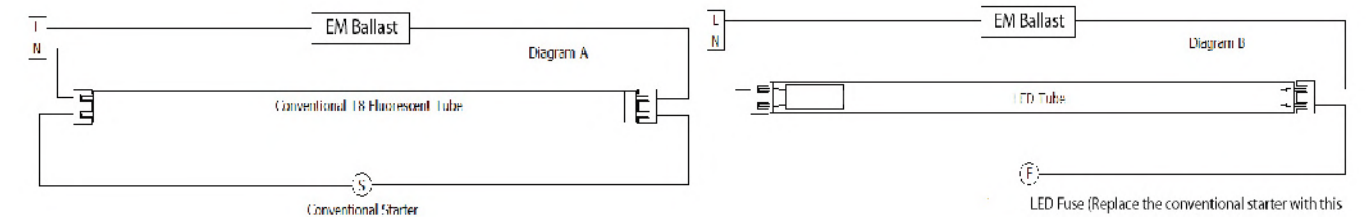
Please read the installation instructions very carefully and follow the wiring instructions to ensure safety.

T8-LED must be installed by a professional electrician in accordance with the relevant electrical codes.

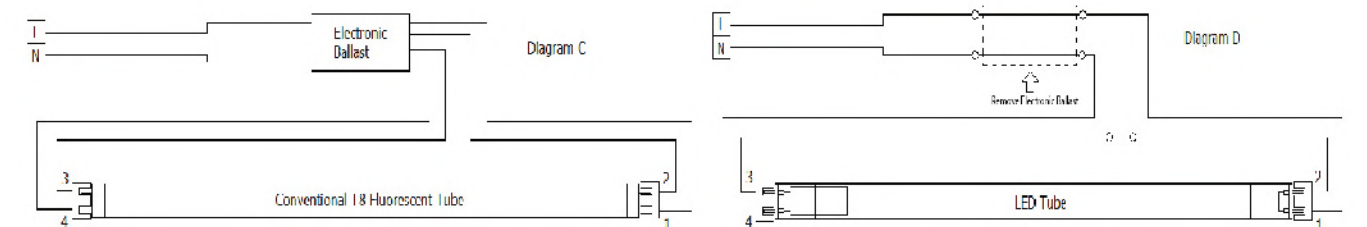
New Built System Wiring Guide



RETROFIT EM Ballast based system Wiring Guide



RETROFIT Electronic Ballast based system Wiring Guide



1. Remove the existing electronic ballast as shown below.
2. Connect the wire from lampholder pin 2 to lampholder pin 3.
3. Connect the lampholder pin 1 to L (Live) and lampholder pin 4 to N (Neutral).



■ Linear LED type S14s

Type S14s:

Linear LED with the same dimension and base as linear type filament lamp can replace directly. Non-friable PC plastic shell and no metal outside make it safer, the design of 270° field angle for S14 make the light soft and uniform. No toxic substance, no Hg, IR and UV.

Caution: Not suitable for closed fixture, bad effect for life time with the environment temperature higher than 45°C. Unsmooth dimming effect might be caused by different dimmer.



Code	Model	W(watt)	Volt(V)	CRI	CCT(K)	Lumen(LM)	Dimension(mm)	Lifetime
io-401039	S14s	5W	220-240	80	2700	300	30*300*241	25000h
io-401040	S14s	5W	220-240	80	5000	300	30*300*241	25000h
io-401041	S14s	8W	220-240	80	2700	500	30*500*241	25000h
io-401042	S14s	8W	220-240	80	5000	500	30*500*241	25000h
io-401043	S14s	16W	220-240	80	2700	1000	30*1000*241	25000h
io-401044	S14s	16W	220-240	80	5000	1000	30*1000*241	25000h

■ Linear LED type S19



Type S19:

Linear LED with the same dimension and base as linear type filament lamp can replace directly. Non-friable PC plastic shell and no metal outside make it safer, the design of 360° field angle for S19 make the light soft and uniform. No toxic substance, no Hg, IR and UV.

Caution: Not suitable for closed fixture, bad effect for life time with the environment temperature higher than 45°C. Unsmooth dimming effect might be caused by different dimmer.

Code	Model	W(watt)	Volt(V)	CRI	CCT(K)	Lumen(LM)	Dimension(mm)	Lifetime
io-401045	S19	7W	220-240	80	3000	500	30*310	25000h
io-401046	S19	7W	220-240	80	4000	550	30*310	25000h



CT-22 Circular Tube

Replace the traditional fluorescent tube directly, no need to move the magnetic ballast or electronic ballast.



CT-22

Code	Model	W	Volt	CCT	LM	CRI	Beam Angle(°)	Lifetime	Tube.H(mm)	Diam.(mm)
io-401047	CT22	15W	220-240V	2700k	1000	80	180	25000h	26	215
io-401048	CT22	15W	220-240V	6500k	1100	80	180	25000h	26	215

CT-32 Circular Tube

Replace the traditional fluorescent tube directly, no need to move the magnetic ballast or electronic ballast.



CT-32

Code	Model	W	Volt	CCT	LM	CRI	Beam Angle(°)	Lifetime	Tube.H(mm)	Diam.(mm)
io-401049	CT32	20W	220-240V	2700k	1600	80	180	25000h	26	300
io-401050	CT32	20W	220-240V	6500k	1700	80	180	25000h	26	300

CT-40 Circular Tube

Replace the traditional fluorescent tube directly, no need to move the magnetic ballast or electronic ballast.



CT-40

Code	Model	W	Volt	CCT	LM	CRI	Beam Angle(°)	Lifetime	Tube.H(mm)	Diam.(mm)
io-401051	CT40	32W	220-240V	2700k	2400	80	180	25000h	26	300
io-401052	CT40	32W	220-240V	6500k	2500	80	180	25000h	26	300

R7S LED

Replace the traditional halogen R7S, better use at non-confined space.



R7S

Code	Model	W	Volt	LM	CRI	Beam Angle(°)	Lifetime	Dimension(mm)
io-401053	R7S	5W	220-240V	450	80	360	25000h	78*23*28
io-401054	R7S	10W	220-240V	1000	80	360	25000h	118*23*28



■ Special Standard Bulbs Emergency

LED emergency bulb:

When power failure, automatically turn on the light in three seconds the switch can control the light as before when power turn on internal battery automatically recharges.



Emergency duration: 2 Hours

Code	Model	Cap	W(watt)	Volt(V)	Beam Angle(°)	CCT(K)	Lumen(LM)	CRI	Lifetime	H(mm)	Diam(mm)
io-401055	Emergency	E27	6W	220-240	240	3000	480	80	20000h	110	60

■ Special Standard Bulbs with Sensor

LED sensor bulb:

This type with lighting sensor switch on and off automatically when light change

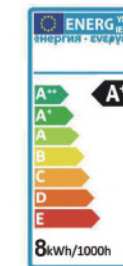
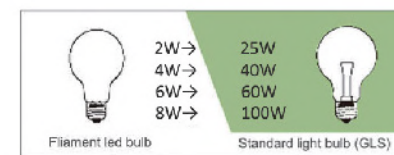


Code	Model	Cap	W(watt)	Volt(V)	Beam Angle(°)	CCT(K)	Lumen(LM)	CRI	Lifetime	H(mm)	Diam(mm)
io-401056	Sensor	E27	9W	220-240	270	3000/6500	800	80	20000h	110	60



Filament cob led PATENT

- Chip: Sapphire plate
- Working Temperature: -20°~+40°
- Average life: 20,000 hours
- Efficacy: 100Lm/W



Code	Model	Cap	Volt (V)	W	Lumen(LM)	CCT(K)	CRI	Beam Angle(°)
io-401057	io-A60-8	E27/B22	110-240	8	1050	2700	80	360
io-401058	io-A60-6	E27/B22	110-240	6	800	2700	80	360
io-401059	io-A60-4	E27/B22	110-240	4	470	2700	80	360

* 4W/6W dimmable version also available



Code	Model	Cap	Volt (V)	W	Lumen(LM)	CCT(K)	CRI	Beam Angle(°)
io-401060	io-C35-3	E14	110-240	3	350	2700	80	360
io-401061	io-C35-2	E14	110-240	2	230	2700	80	360
io-401062	io-C35-1	E14	110-240	1	110	2700	80	360



Code	Model	Cap	Volt (V)	W	Lumen(LM)	CCT(K)	CRI	Beam Angle(°)
io-401063	io-G45-3	E27/E14	110-240	3	350	2700	80	360
io-401064	io-G45-2	E27/E14	110-240	2	230	2700	80	360



Code	Model	Cap	Volt (V)	W	Lumen(LM)	CCT(K)	CRI	Beam Angle(°)
io-401065	io-G95-4	E27	110-240	4	470	2700	80	360
io-401066	io-G125-4	E27	110-240	4	470	2700	80	360
io-401067	io-G95-6	E27	110-240	6	800	2700	80	360
io-401068	io-G125-6	E27	110-240	6	800	2700	80	360





EDISON Bulb

Building(architectrue or home) decoration
Amusement park and theater lighting
Shopping mall,restaurant,
Hotel, meeting room
And more with your idea.



A19 Squirrel Cage



A19 Quad Loop



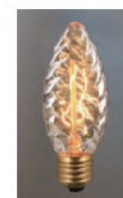
A19 Spiral

Code	Model	Description	Cap	W(watt)	Volt(V)	CCT(K)	Lifetime	H(mm)	Diam.(mm)
io-402001	A19-15S-sc	15 supports squirrel cage	E26/E27/B22	40/60	110-130/220-240	2700	2000h	108	60
io-402002	A19-23S-ql	23 supports quad loop	E26/E27/B22	40/60	110-130/220-240	2700	2000h	108	60
io-402003	A19-32S-sp	32 supports spiral	E26/E27/B22	40/60	110-130/220-240	2700	2000h	108	60

EDISON Bulb



C35 Spiral



C35 Hairpin



C35 Z-SHAPE

Code	Model	Description	Cap	W(watt)	Volt(V)	CCT(K)	Lifetime	H(mm)	Diam.(mm)
io-402004	C35-7S-sp	7 supports spiral	E12/E14/E26/E27	25/40/60	110-130/220-240	2700	2000h	98	35
io-402005	C35-7S-hp	7 supports hairpin	E12/E14/E26/E27	25/40/60	110-130/220-240	2700	2000h	98	35
io-402006	C35-7S-zs	7 supports Z-SHAPE	E12/E14/E26/E27	25/40/60	110-130/220-240	2700	2000h	118	35

EDISON Bulb



G80 Diamond



G95 Squirrel Cage

Code	Model	Description	Cap	W(watt)	Volt(V)	CCT(K)	Lifetime	H(mm)	Diam.(mm)
io-402007	G80-24S-di	24 supports diamond	E26/E27/B22	40/60	110-130/220-240	2700	2000h	115	80
io-402008	G95-23S-ql	23 supports quad loop	E26/E27/B22	40/60	110-130/220-240	2700	2000h	138	95

EDISON Bulb



G125 Squirrel Cage



G125 Spiral



G125 Z-SHAPE

Code	Model	Description	Cap	W(watt)	Volt(V)	CCT(K)	Lifetime	H(mm)	Diam.(mm)
io-402009	G125-29S-sc	29 supports squirrel cage	E26/E27/B22	40/60	110-130/220-240	2700	2000h	168	125
io-402010	G125-32S-sp	32 supports spiral	E26/E27/B22	40/60	110-130/220-240	2700	2000h	168	125
io-402011	G125-28S-zs	28 supports Z-SHAPE	E26/E27/B22	40/60	110-130/220-240	2700	2000h	168	125



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Hotel, meeting room
And more with your idea.



T45 Z-SHAPE



T45 Spiral

Code	Model	Description	Cap	W(watt)	Volt(V)	CCT(K)	Lifetime	H(mm)	Diam.(mm)
io-402012	T45-13S-zs	13 supports Z-SHAPE	E26/E27/B22	40/60	110-130/220-240	2700	2000h	110	45
io-402013	T45-32S-sp	32 supports spiral	E26/E27/B22	40/60	110-130/220-240	2700	2000h	110	45

EDISON Bulb



ST64 Squirrel Cage



ST64 Flake Style



ST64 Z-SHAPE

Code	Model	Description	Cap	W(watt)	Volt(V)	CCT(K)	Lifetime	H(mm)	Diam.(mm)
io-402014	ST64-17S-sq	17 supports squirrel cage	E26/E27/B22	20/40/60	110-130/220-240	2700	2000h	145	64
io-402015	ST64-17S-fs	17 supports flake style	E26/E27/B22	20/40/60	110-130/220-240	2700	2000h	145	64
io-402016	ST64-24S-zs	24 supports Z-SHAPE	E26/E27/B22	20/40/60	110-130/220-240	2700	2000h	145	64

EDISON Bulb



T28 Hairpin



T28 Squirrel Cage

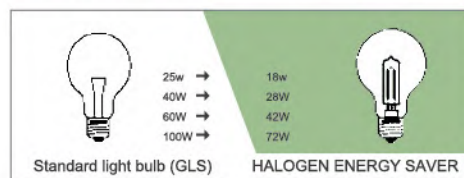


T28 Z-SHAPE

Code	Model	Description	Cap	W(watt)	Volt(V)	CCT(K)	Lifetime	H(mm)	Diam.(mm)
io-402017	T28-10S-hp	10 supports hairpin	E26/E27/B22	25/40/60	110-130/220-240	2700	2000h	140	28
io-402018	T30-10S-hp	10 supports hairpin	E26/E27/B22	25/40/60	110-130/220-240	2700	2000h	185	30
io-402019	T32-10S-hp	10 supports hairpin	E26/E27/B22	25/40/60	110-130/220-240	2700	2000h	215	32
io-402020	T28-14S-sc	14 supports squirrel cage	E26/E27/B22	25/40/60	110-130/220-240	2700	2000h	140	28
io-402021	T30-14S-sc	14 supports squirrel cage	E26/E27/B22	25/40/60	110-130/220-240	2700	2000h	185	30
io-402022	T32-14S-sc	14 supports squirrel cage	E26/E27/B22	25/40/60	110-130/220-240	2700	2000h	215	32
io-402023	T28-19S-zs	19 supports Z-SHAPE	E26/E27/B22	25/40/60	110-130/220-240	2700	2000h	140	28
io-402024	T30-19S-zs	19 supports Z-SHAPE	E26/E27/B22	25/40/60	110-130/220-240	2700	2000h	185	30
io-402025	T32-19S-zs	19 supports Z-SHAPE	E26/E27/B22	25/40/60	110-130/220-240	2700	2000h	215	32



HALOGEN ENERGY SAVER Classic C ErP/LCIE



- Wattages: 28W, 42W, 72W
- Base: E27, E14, B22
- Average life: 2 years (at approx 5 hours a day)
- Light color: Warm white light
- Clear, no frosted
- UV filter
- Dimmable

Code	Model	Volt (V)	Watt (W)	Lumen (LM)	CCT(K)	Diam (Φmm)	Max Length(mm)	Life
io-403001	G9	220-240	28	370	2800	13	44	2000
io-403002	G9	220-240	42	630	2800	13	44	2000
io-403003	G9	220-240	72	1212	2800	13	44	2000

Code	Model	Lamp holder	Volt (V)	Watt (W)	Lumen (LM)	CCT(K)	Diam (Φmm)	Max Length(mm)	Life
io-403004	G45	E14/E27/B22	200-240	28	370	2800	45	79/74/74	2000
io-403005	G45	E14/E27/B22	200-240	42	630	2800	45	79/74/74	2000
io-403006	G45	E14/E27/B22	200-240	72	1212	2800	45	79/74/74	2000

Code	Model	Lamp holder	Volt (V)	Watt (W)	Lumen (LM)	CCT(K)	Diam (Φmm)	Max Length(mm)	Life
io-403007	C35	E14	220-240	28	370	2800	35	102	2000
io-403008	C35	E14	220-240	42	630	2800	35	102	2000
io-402009	C35	E14	220-240	72	1212	2800	35	102	2000
io-403010	C35-BENT-TIP	E14	220-240	28	370	2800	35	125	2000
io-403011	C35-BENT-TIP	E14	220-240	42	630	2800	35	125	2000
io-403012	C35-BENT-TIP	E14	220-240	72	1212	2800	35	125	2000
io-403013	C35-TWISTED	E14	220-240	28	370	2800	35	95	2000
io-403014	C35-TWISTED	E14	220-240	42	630	2800	35	95	2000
io-403015	C35-TWISTED	E14	220-240	72	1212	2800	35	95	2000

Code	Model	Lamp holder	Volt (V)	Watt (W)	Lumen (LM)	CCT(K)	Diam (Φmm)	Max Length(mm)	Life
io-403016	A50/A55/A60	E27/B22	220-240	28	370	2800	50/55/60	90/105/106	2000
io-403017	A50/A55/A60	E27/B22	220-240	42	630	2800	50/55/60	90/105/106	2000
io-403018	A50/A55/A60	E27/B22	220-240	72	1212	2800	50/55/60	90/105/106	2000

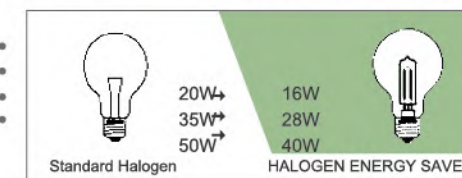
Code	Model	Lamp holder	Volt (V)	Watt (W)	Lumen (LM)	CCT(K)	Diam (Φmm)	Max Length(mm)	Life
io-403027	G125	E27	220-240	28	370	2800	126	175	2000
io-403028	G125	E27	220-240	42	630	2800	126	175	2000
io-403029	G125	E27	220-240	72	1212	2800	126	175	2000

Code	Model	Lamp holder	Volt (V)	Watt (W)	Lumen (LM)	CCT(K)	Diam (Φmm)	Max Length(mm)	Life
io-403030	R50	E14	220-240	28	140	2800	50	86	2000
io-403031	R50	E14	220-240	42	230	2800	50	86	2000
io-403032	R50	E14	220-240	52	340	2800	50	86	2000
io-403033	R63	E27/B22	220-240	28	140	2800	63	102	2000
io-403034	R63	E27/B22	220-240	42	230	2800	63	102	2000
io-403035	R63	E27/B22	220-240	52	340	2800	63	102	2000
io-403036	R80	E27/B22	220-240	52	340	2800	80	110	2000
io-403037	R80	E27/B22	220-240	70	520	2800	80	110	2000



HALOGEN ENERGY SAVER Classic C ErP/LCIE

- Average life: 2 years (at approx 5 hours a day) •
Light color: Warm white light •
UV filter •
Dimmable •



Code	Model	Voltage(V)	Watt(W)	Lumen (LM)	CCT (K)	Diam (mm)	Length(mm)	Life
io-403038	J78	220-240	80	1400	2900	12	78.3	1000
io-403039	J78	220-240	120	2300	2900	12	78.3	1000
io-403040	J78	220-240	200	4100	2900	12	78.3	1000
io-403041	J118	220-240	120	2300	2900	12	117.6	1000
io-403042	J118	220-240	160	3150	2900	12	117.6	1000
io-403043	J118	220-240	230	4780	2900	12	117.6	1000
io-403044	J118	220-240	400	8800	2900	12	117.6	1000

Code	Model	Lamp holder	Volt(V)	Watt(W)	Lumen (LM)	Diam (mm)	Length(mm)	Life
io-403045	JTT	E27	220-240	60	840	48	117	1000
io-403046	JTT	E27	220-240	80	1500	48	117	1000
io-403047	JTT	E27	220-240	120	2500	48	117	1000

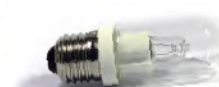
Code	Model	Lamp holder	Volt(V)	Watt(W)	Lumen (LM)	Diam (mm)	Length(mm)	Life
io-403048	JDD	E27	220-240	60	840	32	105	2000
io-403049	JDD	E27	220-240	80	1500	32	105	2000
io-403050	JDD	E27	220-240	120	2500	32	105	2000

Code	Model	Lamp holder	Volt(V)	Watt(W)	Lumen (LM)	CCT(K)	Diam (mm)	Length(mm)	Life
io-403051	JC	G4	12	8	100	2900	8	31	4000
io-403052	JC	G4	12	16	280	2900	8	31	4000
io-403053	JC	GY6.35	12	16	280	2900	10	40	4000
io-403054	JC	GY6.35	12	28	550	2900	10	40	4000
io-403055	JC	GY6.35	12	40	850	2900	10	40	4000

Code	Model	Lamp holder	Volt(V)	Watt(W)	Luminous intensity cd	Beam Angle(°)	Diam (mm)	Length(mm)	Life
io-403056	MR16	GU5.3	12	16	700	36	50	44	4000
io-403057	MR16	GU5.3	12	28	1300	36	50	44	4000
io-403058	MR16	GU5.3	12	40	1800	36	50	44	4000
io-403059	MR11	GU4	12	16	700	30	35	35	4000
io-403060	MR11	GU4	12	28	1500	30	35	35	4000

Code	Model	Volt(V)	Watt(W)	Luminous intensity cd	Beam Angle(°)	Diam (mm)	Length(mm)	Life
io-403061	AR111	12	40	20000	8	67	51	4000
io-403062	AR111	12	60	30000	8	67	51	4000
io-403063	AR111	12	80	48000	8	67	51	4000
io-403064	AR111	12	40	4000	24	67	51	4000
io-403065	AR111	12	60	5300	24	67	51	4000
io-403066	AR111	12	80	8500	24	67	51	4000

Code	Model	Volt(V)	Watt(W)	Luminous intensity cd	Beam Angle(°)	Diam (mm)	Length(mm)	Life
io-403067	GU10	220-240	28	500	30	51	55	2000
io-403068	GU10	220-240	40	900	30	51	55	2000





Flicker free, instant start and operation
Low mercury $\leq 2\text{mg}$
With new Amalgam technology
Quick start technology-fast run up time
Lead free tube-better lumen maintenance over life of bulb
Certification: CE, EMC, LVD, ROHS, ERP

Full spiral

Code	Volt (V)	Watt(W)	LM	Dia.	Max Length(mm)	Diameter(Φ mm)	size per carton	qty/ctn	life
io-404001	110-230	65W	4100	T5	265	90	113*113*275	10	8000
io-404002	110-230	80W	4810	T5	320	100	119*119*326	10	8000
io-404003	110-230	105W	5940	T5	340	100	119*119*352	10	8000



Full spiral

Code	Volt (V)	Watt(W)	LM	Dia.	Max Length(mm)	Diameter(Φ mm)	size per carton	qty/ctn	life
io-404004	220-240	5W	280	T3	100	40	49*49*12	100	8000
io-404005	220-240	8W	500	T3	107	40	49*49*12	100	8000
io-404006	220-240	12W	725	T3	113	40	49*49*14	100	8000
io-404007	220-240	15W	830	T3	110	50	49*49*14	100	8000



Full spiral

Code	Volt (V)	Watt(W)	LM	Dia.	Max Length(mm)	Diameter(Φ mm)	size per carton	qty/ctn	life
io-404008	220-240	20W	1200	T3	113	51	70*36*16	50	8000
io-404009	220-240	23W	1430	T3	121	51	70*36*16	50	8000



Full spiral

Code	Volt (V)	Watt(W)	LM	Dia.	Max Length(mm)	Diameter(Φ mm)	size per carton	qty/ctn	life
io-404010	220-240	30W	1950	T3	128	73	63*40.5*16	40	8000
io-404011	220-240	40W	2700	T3	144	73	63*40.5*18	40	8000

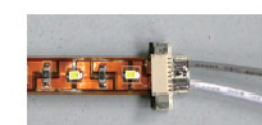


LEDstrip & Driver

IOUCYS.COM

LED Horizontal Ribbon 3528

This product adopts a kind of super flexible PCB board as base and super bright LED as its luminous body.
Easy connection with single or double side connector.
Easy installation with 3M tape on its back.
Every three LEDs can be cut according to the length requirement.
LED spacing:16mm
width:8mm
5M/Reel
White pcb and copper pcb are available
Warranty: 24 months.



Single Side Connector



Double Side Connector



Flat Transparent Holder

Code	Model	Description	Input Voltage	Current (mA)	Consumption Watts(W)	LED Qty	Light Output (lumem/m)	Measurement	Waterproof or not
io-501001	R3528R-S	Red	12VDC	20mA*100	24W	3*100	540	5000*8mm	NO
io-501003	R3528B-S	Blue	12VDC	20mA*100	24W	3*100	540	5000*8mm	NO
io-501004	R3528G-S	Green	12VDC	20mA*100	24W	3*100	540	5000*8mm	NO
io-501005	R3528W-S	White	12VDC	20mA*100	24W	3*100	540	5000*8mm	NO
io-501006	R3528WW-S	WarmWhite	12VDC	20mA*100	24W	3*100	540	5000*8mm	NO

LED Crystal Ribbon 3528 IP67



Super flexible PCB board is used as its base.Each ribbon could be connected together via mini waterproof connectors.The whole ribbon is as transparent as crystal when it is lit up. Waterproof rate is IP65.the ribbon is flexible and easy-curved. Every three LEDs can be cut according to the length requirement.
LED spacing:16mm
width:10mm
5M/Reel
White pcb and copper pcb are available
Warranty: 24 months.



Extension Wire with Waterproof Connector 100cm



Extension Wire with Waterproof Connector 50cm

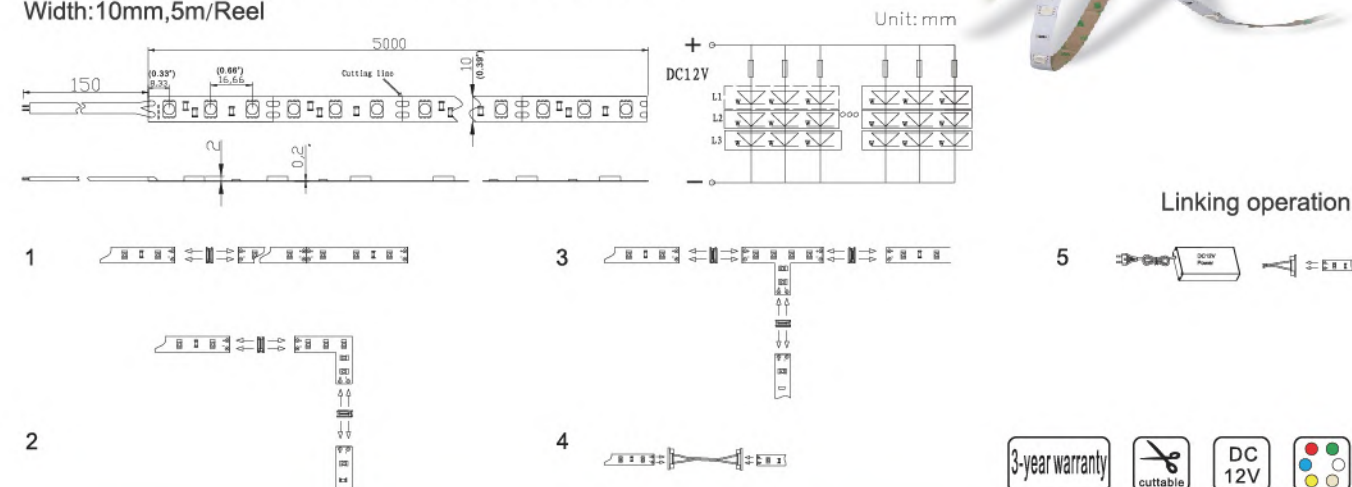


Flat Transparent Holder

Code	Model	Description	Input Voltage	Current (mA)	Consumption Watts(W)	LED Qty	Light Output (lumem/m)	Measurement	Waterproof or not
io-501007	R3528R-SF	Red	12VDC	20mA*100	24W	300	540	5000*10mm	IP67
io-501009	R3528B-SF	Blue	12VDC	20mA*100	24W	300	540	5000*10mm	IP67
io-501010	R3528G-SF	Green	12VDC	20mA*100	24W	300	540	5000*10mm	IP67
io-501011	R3528W-SF	White	12VDC	20mA*100	24W	300	540	5000*10mm	IP67
io-501012	R3528WW-SF	WarmWhite	12VDC	20mA*100	24W	300	540	5000*10mm	IP67

LED Horizontal Ribbon 5060

Cove lighting
Architectural lights for canopy,corridor,windoe,archway
Backlight or edge lighting for signage
DIY lights for home use
flexible SMD LED strip, LED qty:300,3M self-adhesive tape
Width:10mm,5m/Reel



Code	Model	Color	Length (m)	LED (pcs)	Light Output (lumem/m)	Voltage (V DC)	Current (Amps/m)	Consumption Watts
io-502001	R5060W-S	white	5	300	1140	12	1.02~1.26	72W
io-502002	R5060WW-S	warm white	5	300	1140	12	1.02~1.26	72W
io-502003	R5060R-S	red	5	300	1140	12	1.02~1.26	72W
io-502004	R5060G-S	green	5	300	1140	12	1.02~1.26	72W
io-502005	R5060B-S	blue	5	300	1140	12	1.02~1.26	72W

LED Horizontal Ribbon 5060 IP65

Code	Model	Color	Length (m)	LED (pcs)	Light Output (lumem/m)	Voltage (V DC)	Current (Amps/m)	Consumption Watts
io-502008	R5060W-SF	white	5	300	1140	12	1.02~1.26	72W
io-502009	R5060WW-SF	warm white	5	300	1140	12	1.02~1.26	72W
io-502010	R5060R-SF	red	5	300	1140	12	1.02~1.26	72W
io-502011	R5060G-SF	green	5	300	1140	12	1.02~1.26	72W
io-502012	R5060B-SF	blue	5	300	1140	12	1.02~1.26	72W

LED RGB Ribbon 5060

Super flexible PCB board as base and Chip RGB LED as its luminous body.
Two option:15pcs LED (12VDC)and 24pcs LED (24VDC).
Easy installation with 3M tape on its back.
Three LEDs(12VDC) or six LEDs(24VDC) can be cut according to the length requirement. When controlled by DMX512 or controlling system which is common positive, it can realize different kinds of effects,such as multi-color jumping,gradual color changing and etc.

LED Spacing:33mm(12VDC) or 20mm(24VDC)
Width:10mm,5M/Reel
Warranty: 24 months.



Single Side Connector for RGB Ribbon



Double Side Connector for RGB Ribbon



Flat Transparent Holder

Code	Model	Description	Input Voltage	Current (mA)	Consumption Watts	LED Qty	Light Output (lumem/m)	Measurement	Waterproof or not
io-503007	R24RGB-S	RGB(5M/reel)	24VDC	60mA*40	72W	30(RGB)*10	1140	5000*10mm	NO
io-503008	R15TGB-S	RGB(5M/reel)	12VDC	60mA*50	36W	15(RGB)*10	540	5000*10mm	NO

LED RGB Crystal Ribbon 5060 IP67

Super flexible PCB board as base and Chip RGB LED as its luminous body.
Two option:15pcs LED (12VDC)and 24pcs LED (24VDC).

The ribbon is flexible is flexible and easy-curved.Its stability,relability and safety is enhanced greatly.Every three LEDs(12VDC) or six LEDs(24VDC) can be cut according to the length requirement. When controlled by DMX512 or other controlling system which is common positive,it can realize different kinds of effects,such as multi-color jumping,gradual color changing and etc.

LED Spacing:33mm(12VDC) or 20mm(24VDC)
Width:12mm,5M/Reel
Warranty: 24 months.



Extension Wire with White Waterproof Connector 100cm



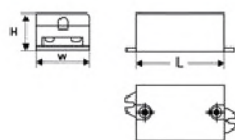
Extension Wire with White Waterproof Connector 50cm



Flat Transparent Holder

Code	Model	Description	Input Voltage	Current (mA)	Consumption Watts	LED Qty	Light Output (lumem/m)	Measurement	Waterproof or not
io-503009	R24RGB-S	RGB(5M/reel)	24VDC	60mA*40	72W	30(RGB)*10	1140	5000*12mm	IP67
io-503010	R15TGB-S	RGB(5M/reel)	12VDC	60mA*50	36W	15(RGB)*10	540	5000*12mm	IP67

LED Driver Constant current & Constant voltage



IP20 independant LED convertor, for indoor use.
With constant current & constant voltage output.
Class II protection against electric shock following direct and indirect contact.

Protections:

- against overheating and short circuits.
- against open circuits.
- against overloads.

Auto restart after fault condition removal.

Comply with IEC EMC and safety requirement.

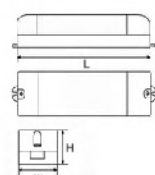
Input Voltage: 220-240V AC 50/60Hz



■ LC6-350IF/LC6-700IF

Code	Model	W	CC I out	CV V out(DC)	Ta° C	Tc° C	L×W×H (mm)	Weight(g)
io-602001	LC6-350IF	1-6W	350mA	0.5-6W	24	50	58×35×20	50
io-602002	LC6-700IF	3-6W	700mA	0.5-6W	12	50	58×35×20	50

LED Driver Constant current

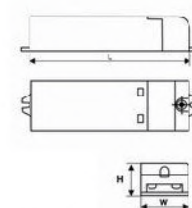


■ LC12-350IF/LC12-700IF

IP20 independant LED convertor, for indoor use.
With 350mA/700mA output, Max.12W.
Class II protection against electric shock following direct and indirect contact.
Protections:
-against overheating and short circuits.
-against open circuits.
-against overloads.
Auto restart after fault condition removal.
Comply with IEC EMC and safety requirement.
Input Voltage: 220-240V AC 50/60Hz

Code	Model	W	Load range	I out	Ta° C	Tc° C	L×W×H(mm)	Weight(g)
io-602003	LC12-350IF	12W	1...10pcs 350mA LED	350mA	50	75	118×43×22	85
io-602004	LC12-700IF	12W	1...10pcs 700mA LED	700mA	50	75	118×43×22	85

LED Driver Constant voltage



IP20 independant LED convertor, for indoor use.
With output of DC 12V OR DC24V, Max.15W.
Class II protection against electric shock following direct and indirect contact.

Protections:

- against overheating and short circuits.
- against open circuits.
- against overloads.

Auto restart after fault condition removal.

Comply with IEC EMC and safety requirement.

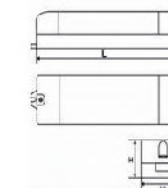
Input Voltage: 220-240V AC 50/60Hz



■ LC15-12VF/LC15-24VF

Code	Model	W	I out	V out	Ta° C	Tc° C	L×W×H(mm)	Weight(g)
io-602005	LC15-12VF	0.5-15W	1.25A	12V	45	75	118×43×22	85
io-602006	LC15-24VF	0.5-15W	0.63A	24V	45	75	118×43×22	85

LED Driver Constant voltage



■ LC30-12VF/LC30-24VF

IP20 independant LED convertor, for indoor use.
DC 12V or DC 24V constant voltage output, Max.30W.
Class II protection against electric shock following direct and indirect contact.
High power factor[≥0.95].
Protections:
-against overheating and short circuits.
-against open circuits.
-against overloads.
Auto restart after fault condition removal.
Comply with IEC EMC and safety requirement.
Input Voltage: 220-240V AC 50/60Hz

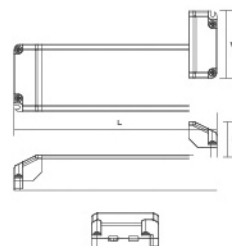
Code	Model	W	I out	V out	Power factor	Ta° C	Tc° C	L×W×H(mm)	Weight(g)
io-602007	LC30-12VF	3-30W	2.5A	12V	≥0.95	45	75	150×40×30	155
io-602008	LC30-24VF	3-30W	1.25A	24V	≥0.95	45	75	150×40×30	155



■ DIM 30W/36W

LED driver Constant current dimmable

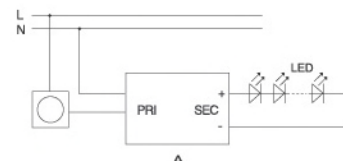
Dimmable with ordinary TRIAC dimmer(leading edge or trailing edge dimmer)
 Constant current driver
 Independent compact design
 Easy press cable lock
 Captured terminal screws
 Safe no-load operation
 Over heating protection
 Simple installation
 SELV equivalent
 Protection class II
 Dimming range 1...100%



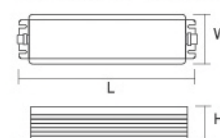
Code	Item NO.	Input voltage	Max Power	Output current	Output voltage	Power factor	L×W×H(mm)
io-603007	DIM500mA/30W	220-240V	30W	500mA	30-56 (9-16LEDs)	0.9	166×52×24
io-603008	DIM700mA/36W	220-240V	36W	700mA	24-52 (7-15LEDs)	0.9	166×52×24
io-603009	DIM1050mA/36W	220-240V	36W	1050mA	16-35 (5-10LEDs)	0.9	166×52×24

Standards

EN 61347-1
 EN 61347-2-13
 EN 55015
 EN 61000-3-2
 EN 61000-3-3
 EN 61547

**LED Driver** Constant Voltage
IP65

Universal AC Input/Full range
 Protections: Short circuit / OLP / OVP
 Meet EMC standards
 Cooling by free air convection
 100% full load burn-in test
 High efficiency, long life and High reliability
 IP65 design for indoor or outdoor
 Suitable for critical applications



code	model	input voltage	max output	output voltage	output current	power factor	ambient temperature	casing temperature	LxWxH	weight
io-602015	Q2-12V-36W	100-240	36	12	0-3.0	0.9	-20...+50	80	185x55x30	500g
io-602016	Q2-12V-75W	100-240	75	12	0-6.25	0.95	-20...+50	80	202x64x40	780g
io-602017	Q2-12V-150W	100-240	150	12	0-12.5	0.95	-20...+50	80	222x70x40	1000g
io-602018	Q2-24V-36W	100-240	36	24	0-1.5	0.9	-20...+50	80	185x55x30	500g
io-602019	Q2-24V-75W	100-240	75	24	0-3.15	0.95	-20...+50	80	202x64x40	780g
io-602020	Q2-24V-150W	100-240	150	24	0-6.3	0.95	-20...+50	80	222x70x40	1000g