

Tsong®



【AC/DC24V Input】

Specification For Underground Lamp

PRODUCT NAME: Underground Lamp

SUL-3WSUL-6WSUL-9W

PART NO: SUL-12WSUL-18WSUL-24W
SUL-36W



Description:

- ★ Aesthetically pleasing: Buried lights can be installed underground, occupying no space and not affecting the beauty of the landscape.
- ★ Energy-saving: Buried lights use LED light sources, which are efficient and energy-saving, reducing energy consumption.
- ★ Durable: Buried lights are made of high-quality stainless steel or aluminum, alloy materials, with waterproof, anti-corrosion, and anti-oxidation characteristics, ensuring long service life.
- ★ Safe: Buried lights use low-voltage DC power supply, which does not produce, electromagnetic radiation and thermal radiation, making them safe and reliable.
- ★ Wide range of uses: Buried lights can be adjusted according to the need to change the colour and brightness and other parameters such as colour and brightness, and a variety of application scenarios, such as landscape lighting, square lighting and architectural lighting. Landscape lighting, square lighting and architectural lighting.

Applications:

Buried lights are widely used in plazas, restaurants, private villas, gardens, conference rooms, exhibition halls, community landscaping, stage bars, shopping malls, parking sculptures, tourist attractions and other places such as light decoration.



Tsong[®]

LinkLED



Photo



36W



24W



18W



12W



9W



6W



3W

Tsong[®]

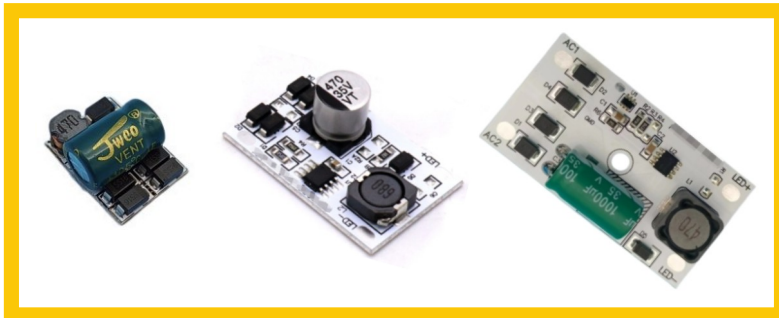
LinkLED



Photo



LED driver inside



Potting waterproofing



Color temperature



White(6000K/4000K/3000K)

Red



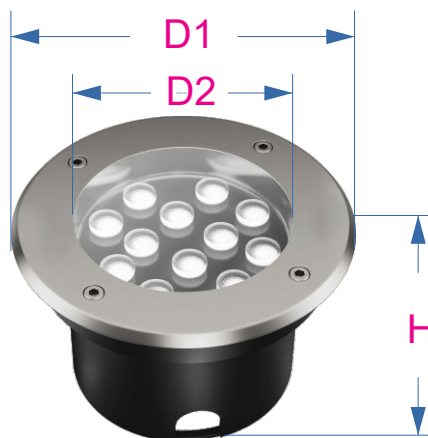
Blue

Yellow

Green

RGB

Dimensions(Unit:mm)



Model	Power	Product Size(D1*H)	Surface Size(D2)	Hole Size
SUL-3W	3W	Φ100*H90mm	Φ58mm	Φ95mm
SUL-6W	6W	Φ120*H90mm	Φ80mm	Φ115mm
SUL-9W	9W	Φ160*H95mm	Φ100mm	Φ145mm
SUL-12W	12W	Φ180*H90mm	Φ115mm	Φ155mm
SUL-18W	18W	Φ200*H90mm	Φ146mm	Φ185mm
SUL-24W	24W	Φ220*H90mm	Φ165mm	Φ205mm
SUL-36W	36W	Φ250*H90mm	Φ190mm	Φ240mm

Electrical/Optical Characteristics/Specifications

MODEL:SUL-3W

Input Voltage	Max.Current	Operating Voltage	Constant Current		Power		Factor		
AC/DC24V	0.125A	DC18V	0.15A		3W ± 10 %		≥0.5		
LED Type	LED Q'ty	CRI	CCT	2900-3100K	4000-4500K	5500-6000K	Wave length		
			Luminous efficiency	75LM/W	80LM/W	80LM/W	Red	Green	Blue
SMD2835	3 PCS	≥80Ra	Luminous flux	225LM ±10%	240LM ±10%	240LM ±10%	620-625nm	517-522nm	456-460nm
			Beam Angle	45° 【30° / 60° / 90° / 120° Optional 】					
Life Time	Certifications	IP Code	Luminaires Class		product dimension		N.W		
30.000Hours	CE,RoHS	IP67	Class III		Φ100*90mm		0.39Kg		
Operating Temperature	Storage Temperature	Lamp Body Material	Lamp Shade Material		Packing dimension		G.W		
-20 °Cto+50 °C	-30 °Cto+60 °C	304 Stainless Steel	304 Stainless Steel		L105*W105*H100mm		0.41Kg		
Outer carton package	50*1layer=50PCS/carton,K=K corrugated paper , L540*W225*H525mm,GW:22.4KG								

MODEL:SUL-6W

Input Voltage	Max.Current	Operating Voltage	Constant Current		Power		Factor		
AC/DC24V	0.25A	DC18V	0.3A		6W ± 10 %		≥0.5		
LED Type	LED Q'ty	CRI	CCT	2900-3100K	4000-4500K	5500-6000K	Wave length		
			Luminous efficiency	75LM/W	80LM/W	80LM/W	Red	Green	Blue
			Luminous flux	450LM ±10 %	480LM ±10 %	480LM ±10 %	620-625nm	517-522nm	456-460nm
			Beam Angle	45° 【30° / 60° / 90° / 120° Optional 】					
Life Time	Certifications	IP Code	Luminaires Class		product dimension		N.W		
30.000Hours	CE,RoHS	IP67	Class III		Φ120*90mm		0.64Kg		
Operating Temperature	Storage Temperature	Lamp Body Material	Lamp Shade Material		Packing dimension		G.W		
-20 °Cto+50 °C	-30 °Cto+60 °C	304 Stainless Steel	304 Stainless Steel		L125*W100*H125mm		0.67Kg		
Outer carton package	30*1layer=30PCS/carton,K=K corrugated paper , L520*W265*H395mm,GW:18.8KG								

Electrical/Optical Characteristics/Specifications

MODEL:SUL-9W

Input Voltage	Max.Current	Operating Voltage	Constant Current		Power			Factor		
AC/DC24V	0.375A	DC18V	0.45A		9W ± 10 %			≥0.5		
LED Type	LED Q'ty	CRI	CCT	2900-3100K	4000-4500K	5500-6000K	Wave length			
			Luminous efficiency	75LM/W	80LM/W	80LM/W	Red	Green	Blue	
			Luminous flux	675LM ± 10 %	720LM ± 10 %	720LM ± 10 %	620-625nm	517-522nm	456-460nm	
SMD2835	9 PCS	≥80Ra	Beam Angle	45° 【 30° / 60° / 90° / 120° Optional 】						
Life Time	Certifications	IP Code	Luminaires Class		product dimension			N.W		
30.000Hours	CE,RoHS	IP67	Class III		Φ160*95mm			1.01Kg		
Operating Temperature	Storage Temperature	Lamp Body Material	Lamp Shade Material		Packing dimension			G.W		
-20 °C to+50 °C	-30 °C to+60 °C	304 Stainless Steel	304 Stainless Steel		L160*W95*H185mm			1.06Kg		
Outer carton package	20*1layer=20PCS/carton,K=K corrugated paper , L500*W335*H395mm,GW:18.8KG									

MODEL:SUL-12W

Input Voltage	Max.Current	Operating Voltage	Constant Current		Power			Factor		
AC/DC24V	0.5A	DC18V	0.6A		12W ± 10 %			≥0.5		
LED Type	LED Q'ty	CRI	CCT	2900-3100K	4000-4500K	5500-6000K	Wave length			
			Luminous efficiency	75LM/W	80LM/W	80LM/W	Red	Green	Blue	
SMD2835	12 PCS	≥80Ra	Luminous flux	900LM ±10 %	960LM ±10 %	960LM ±10 %	620-625nm	517-522nm	456-460nm	
			Beam Angle	45° 【30° / 60° / 90° / 120° Optional】						
Life Time	Certifications	IP Code	Luminaires Class		product dimension		N.W			
30.000Hours	CE,RoHS	IP67	Class III		Φ180*90mm		1.19Kg			
Operating Temperature	Storage Temperature	Lamp Body Material	Lamp Shade Material		Packing dimension		G.W			
-20 ℃to+50 ℃	-30 ℃to+60 ℃	304 Stainless Steel	304 Stainless Steel		L190*W100*H185mm		1.25Kg			
Outer carton package	20*1layer=20PCS/carton,K=K corrugated paper , L520*W390*H390mm,GW:23.2KG									

Electrical/Optical Characteristics/Specifications

MODEL:SUL-18W

Input Voltage	Max.Current	Operating Voltage	Constant Current		Power		Factor		
AC/DC24V	0.75A	DC18V	0.9A		18W ± 10 %		≥0.5		
LED Type	LED Q'ty	CRI	CCT	2900-3100K	4000-4500K	5500-6000K	Wave length		
			Luminous efficiency	75LM/W	80LM/W	80LM/W	Red	Green	Blue
SMD2835	18 PCS	≥80Ra	Luminous flux	1350LM ±10 %	1440LM ±10 %	1440LM ±10 %	620-625nm	517-522nm	456-460nm
			Beam Angle	45° 【30° / 60° / 90° / 120° Optional 】					
Life Time	Certifications	IP Code	Luminaires Class		product dimension		N.W		
30.000Hours	CE,RoHS	IP67	Class III		Φ200*90mm		1.53Kg		
Operating Temperature	Storage Temperature	Lamp Body Material	Lamp Shade Material		Packing dimension		G.W		
-20 °Cto+50 °C	-30 °Cto+60 °C	304 Stainless Steel	304 Stainless Steel		L195*W115*H220mm		1.61Kg		
Outer carton package	12*1layer=12PCS/carton,K=K corrugated paper , L600*W250*H460mm,GW:17.4KG								

MODEL:SUL-24W

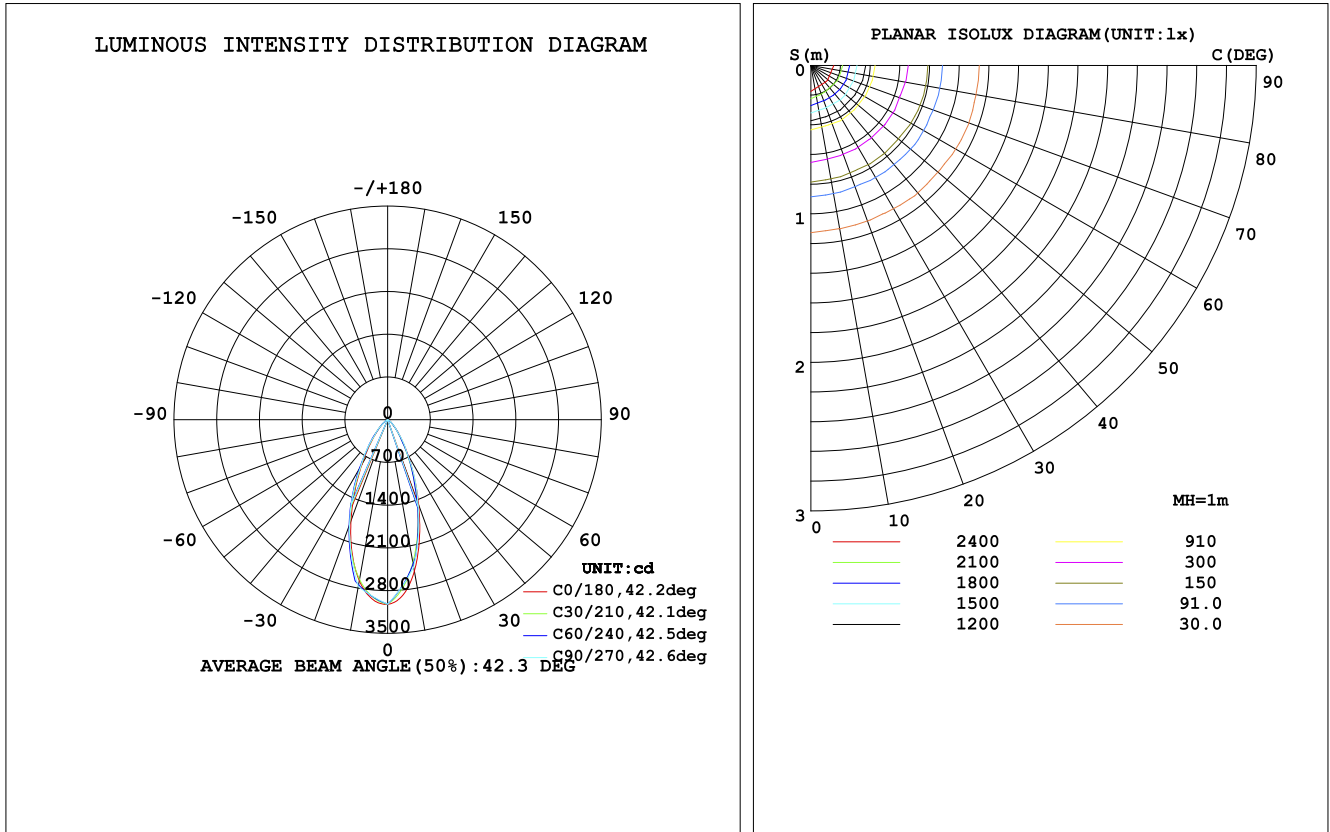
Input Voltage	Max.Current	Operating Voltage	Constant Current		Power		Factor		
AC/DC24V	1.0A	DC18V	1.2A		24W ± 10 %		≥0.5		
LED Type	LED Q'ty	CRI	CCT	2900-3100K	4000-4500K	5500-6000K	Wave length		
			Luminous efficiency	75LM/W	80LM/W	80LM/W	Red	Green	Blue
SMD2835	24 PCS	≥80Ra	Luminous flux	1800LM ±10 %	1920LM ±10 %	1920LM ±10 %	620-625nm	517-522nm	456-460nm
			Beam Angle	45° 【30° / 60° / 90° / 120° Optional 】					
Life Time	Certifications	IP Code	Luminaires Class		product dimension		N.W		
30.000Hours	CE,RoHS	IP67	Class III		Φ220*90mm		1.84Kg		
Operating Temperature	Storage Temperature	Lamp Body Material	Lamp Shade Material		Packing dimension		G.W		
-20 °Cto+50 °C	-30 °Cto+60 °C	304 Stainless Steel	304 Stainless Steel		L225*W100*H225mm		1.92Kg		
Outer carton package	10*1layer=10PCS/carton,K=K corrugated paper , L520*W240*H470mm,GW:17.6KG								

Electrical/Optical Characteristics/Specifications

MODEL:SUL-36W

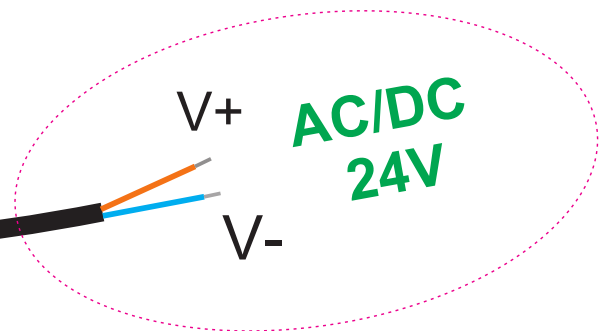
Input Voltage	Max.Current	Operating Voltage	Constant Current		Power			Factor		
AC/DC24V	1.5A	DC18V	0.9A*2		36W ± 10 %			≥0.5		
LED Type	LED Q'ty	CRI	CCT	2900-3100K	4000-4500K	5500-6000K	Wave length			
			Luminous efficiency	75LM/W	80LM/W	80LM/W	Red	Green	Blue	
			Luminous flux	2700LM ± 10 %	2880LM ± 10 %	2880LM ± 10 %	620-625nm	517-522nm	456-460nm	
SMD2835	36 PCS	≥80Ra	Beam Angle	45° 【30° / 60° / 90° / 120° Optional】						
Life Time	Certifications	IP Code	Luminaires Class		product dimension			N.W		
30.000Hours	CE,RoHS	IP67	Class III		Φ250*90mm			2.42Kg		
Operating Temperature	Storage Temperature	Lamp Body Material	Lamp Shade Material		Packing dimension			G.W		
-20 °C to+50 °C	-30 °C to+60 °C	304 Stainless Steel	304 Stainless Steel		L305*W100*H305mm			2.55Kg		
Outer carton package	8*1layer=8PCS/carton,K=K corrugated paper , L420*W270*H530mm,GW:18.65KG									

Test report



Wiring Diagram

AC/DC24V Input: V+ - Brown
V- - Blue



Do not connect AC 230V or higher than 24V voltage, otherwise it will damage the lamp

Notes:

1. Please always use the light out of its package.
2. Before starting use of the light, please check if the light was damaged during transportation. If any damage shown, please DO not install or use it.
3. Any maintenance should be performed by trained professionals only.
4. Keep packaging material away from the reach of children and pets. Risk of suffocation!
5. Caution. The packaging contains small parts that may be swallowed by children.
6. Never leave children unattended in the vicinity of the lights and do not allow them to play with electrical devices.
7. Try to avoid looking directly in the LED beam-especially for extended periods of time. Do not shine the LED light in another person's eyes.
8. Never cover the lights by other objects.
9. Never allow the light to come into contact with open flames or external heat sources.
10. The products need to re-repair inspection or special treatment of retirement after service time
11. Non-professionals are not allowed to disassemble and maintain the products. We have the right not to provide after-slae service if unauthorized disassembly and maintenance happens to the products.