

LED Underground Light Series  
Technical Data Sheet

Model No.: L-UGXXAA21R



## Features

- ◇ High Intensity
- ◇ Low Power Consumption.
- ◇ long Operating life
- ◇ Voltages Available AC12V
- ◇ high penetrability
- ◇ environment friendly.

## Description

- ◇ Light source: High efficient LED
- ◇ Lights body: aluminum alloy
- ◇ Electrical connections: unleaded connecting
- ◇ Fastening Part: Stainless steel. 316# or304#
- ◇ The colors of lighting can be white, warm white, red, yellow, blue, green and 7-color. 7-color lamp can change gradually or jump over.

## Application

- ◇ Pedestrian Street
- ◇ Park
- ◇ Pool
- ◇ Square
- ◇ Residential areas.

## Device Selection Guide

Part No.	Color	Color Temp / Wavelength Typ (kelvin/nm)	Hole Dimension (MM)
L-UGW6AA21R	Warm White	3000k	φ 140
L-UGWAA21R	Cool White	8000k	
L-UGRAA21R	Red	624nm	
L-UGGAA21R	Green	525nm	
L-UGBAA21R	Blue	470nm	
L-UGYAA21R	Yellow	590nm	
L-UGRGBAA21R	Red	624nm	
	Green	525nm	
	Blue	470nm	

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### Absolute Maximum Ratings ( Ta =25°C)

Items	Symbol	Rating	Units
Operating Voltage	Viac	AC 12	V
Input Current	li	<AC105	mA
Operating frequency	Freo	60	Hz
Safety Rank	IP	IP-68	---
Operating Temperature	Tope	-30 - +50	°C
Storage Temperature	Tsto	-40 - + 80	°C

### Typical Performance ( Ta =25°C)

Items	Symbol	Min	Typ.	Max.	Units
Input Voltage	Vi	10	12	14	V
Input Current	If	---	---	105	mA
Power Dissipation	Pa	---	1.2	1.5	W
Estimated Life [1]	Life	50000	---	---	hour
Optimized Thermal Management (Body Temperature)	/	---	---	60	°C

Notes:

- [1] The underground led lamp can work 4-8 hours per day, and the lifetime can reach 50,000 hours, even longer. All the parameters are tested by Lucky Light's equipment.
- Rank rations will be determined by Lucky Light , if you have any request or queries for Lucky Light products , please directly contact salesman .
- The brightness and forward voltage can be designed according to customer specifications.
- Specifications are subject to change without notice

