

LED Direct Lighting Series



LED Direct Lighting has stronger brightness and easier installation and free maintenance. Each unit include three leds. You can cut between units to get your length as your channel letter. It is applied in channel letter and signage.

Part Number: RFK9-1X



Features

- **The Lowest Cost**

Through hole LED Modules have the best price in all LEDs

- **High Brightness**

LED Modules consist of 3 through hole LEDs in high intensity and can emit higher brightness at lower cost. No spot. No shadow

- **Easy Installation**

LED Modules can be easily installed with 3M double-sided sticking tape and connectors.

- **Extended Life**

LED Modules have a life time of more than 30,000 hours.

- **Totally waterproof**

With IP67 protection degree, LED Modules can operate normally in cloudy, rainy, desert, and snowy weather conditions and pool. The LEDs are totally covered by resin.

- **Friendly environment**

Pb free. With CE/RoHS/SGS certificate, LEDs Waterproof LED Modules are up to 60% more energy

efficient than neon.

• **Safe Application**

Low voltage DC12V, safety and stable. Free maintenance

Specification

Dimension	Φ9mm				
LED No	1 pc through-hole LED Beam angle 90degree. 30 LEDs/group. Each 3 LEDs as one unit can be cuttable				
Voltage	Input 12VDC				
View angle	120 degree				
Current	20mA	20mA	20mA	30mA	30mA
Watts	0.08	0.08	0.08	0.12	0.12
Lumen	4	1.1	3.7	1.3	1.7
Cover	transparent resin.				
Life	30, 000 hrs. Lumen Maintenance:>92%@1,000hrs				
Color	White 3500~13000k	Blue	Green	Yellow	Red
Operation Temperature	-40°C - 60°C (-40°F ~140°F)				
Certificate	CE:BTRE0708181359 / RoHS: BTRS0708310889				
Warranty	12 months				
Weight	2.5g/pc.				
IP	IP67 The PCB be covered by resin.				
Part No	RFK9-1W	RFK9-1B	RFK9-1G	RFK9-1Y	RFK9-1R

Mechanical Dimension

