# LED LIGHTING CONCEPTS LLC

## Intelligent Controller

### PRODUCT DESCRIPTION:

LED smart controller is a powerful and used to control the brightness, color and mode of LED lights to achieve a variety of lighting and display effects.

### PRODUCT FEATURES:

Support iOS and Android systems, WiFi and Bluetooth dua-chan-nel connection, with dimming, color mixing mode switching, music mode, voice control, custom mode, timing, device sharing and other features that enable users to customize the brightness, color and mode of LED lights according to their needs, creating a rich and diverse lighting and display effects.

c**UL**us LISTED E483482 GLMD901

**FC** 2A7ZD-GLMD901

**CE**



GOULY lighting
Wifi&Bluetooth Controller
• Bluetooth Wireless Control
• WIFI Wireless Control
• Music Control
• SPI Output

INPUT
GND
+12-48V

OUTPUT
+12-48V
CLK/IB
DATA
GND

**2023 WiFi Intelligent Controller**

**2023 WiFi Intelligent Controller —MINI**

**WLED**

**44-Key Bluetooth Controller**

# LED
## LIGHTING CONCEPTS LLC

| PROJECT: | | PREPARED BY: | |
|---|---|---|---|
| PART # | | QTY: | |
| NOTES: | | DATE: | |

**DATA SHEET**

### GL Series PERMANENT HOLIDAY LIGHTING

# LED Permanent Light Series
## OEM/ODM





### GLMD135

LED Quantity：SK6812RGBW
Power：0.5W/pcs
Voltage(v)：DC 12V
IC type：SK6812
IP Rank：IP68
Size(mm)：Φ23X9.5MM
Size of mounting hole：Φ20MM
Color：RGBW Chasing light
Notes：10pcs/String

### GLMD175

LED Quantity：1PCS LED Plug-ins
Power：0.75W
Voltage(v)：DC12V
IC type：WS2811
IP Rank：IP68
Size(mm)：Φ12X35MM
Size of mounting hole：Φ12MM
Color：RGB Chasing light
Notes：50 pcs/String

### GLMD176-RGB-2811

LED Quantity：3pcs SMD5050
Power：0.72W
Voltage(v)：DC12V
IC type：WS2811
IP Rank：IP68
Size(mm)：42*32*15.5MM
Size of mounting hole：Φ30MM
Color：RGB Chasing light
Notes：1 / 5 / 10 pcs/String
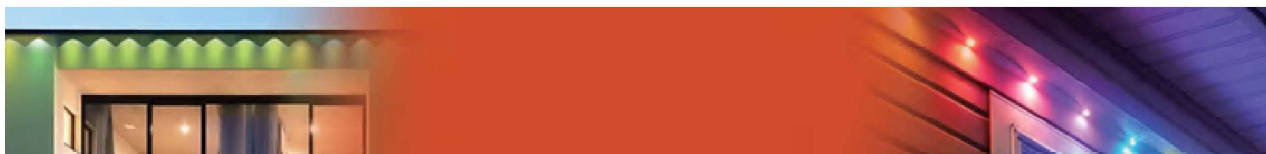
### GLMD176-RGBW

LED Quantity：3pcs SMD5050
Power：0.96W
IC type：UCS2904
Size(mm)：42*32*15.5MM
Size of mounting hole：Φ30MM

Voltage(v)：DC12V
IP Rank：IP68
Color：RGBW Chasing light
Notes：1 / 5 / 10 pcs/String

### GLMD176-RGBW-24V

LED Quantity：3pcs SMD5050
Power：1.44W
IC type：UCS2904
Size(mm)：42*32*16MM
Size of mounting hole：Φ30MM

Voltage(v)：DC24V
IP Rank：IP68
Color：RGBW Chasing light
Notes：1 / 5 / 10 pcs/String

### GLMD176-BZ

LED Quantity：3pcs SMD5050
Power：0.96W
IC type：UCS2904
Size(mm)：Φ40*40MM
Size of mounting hole：Φ37MM
Color：RGBW Chasing light

Voltage(v)：DC12V
IP Rank：IP68
Notes：1000pcs/MOQ,
1 / 5 / 10 tpcs/String

### GLMD177

LED Quantity：SMD5050RGB
Color：RGB Chasing light
Power：1.44W
IC type：UCS1903
Size(mm)：58*66*18.2MM
Size of mounting hole：Φ50MM

Voltage(v)：DC24V
IP Rank：IP68
Notes：1pcs/String ,
5pcs/String ,10pcs/String

### GLMD177-RGBW

LED Quantity：SMD5050RGBW
Color：RGBW  Chasing light
Power：1.44W
IC type：UCS2904
Size(mm)：58*66*18.2MM
Size of mounting hole：Φ50MM

Voltage(v)：DC24V
IP Rank：IP68
Notes：1pcs/String,
5pcs/String ,10pcs/String

# GL Series PERMANENT HOLIDAY LIGHTING

## GLMD179

LED Quantity：SMD5050RGBW
Power：2W
IC type：UCS512C2L
Size(mm)：51*40*14.5MM
Size of mounting hole：Φ40MM
Color：RGBW
Notes：10pcs/String
Voltage(v)：DC24V
IP Rank：IP67

## GLMD180

LED Quantity：SMD5050RGBW
Power：2.5W
IC type：UCS512C2L
Size(mm)：61*50*14.5MM
Size of mounting hole：Φ50MM
Color：RGBW
Notes：10pcs/String
Voltage(v)：DC24V
IP Rank：IP67

## GLMD181

LED Quantity：3PCS SMD5050 RGBW
Power：0.96W
IC type：UCS2904
Size(mm)：G45*92MM
Color：RGBW  Chasing light
Notes：1pcs/String, 5pcs/String
Voltage(v)：DC12V
IP Rank：IP65

## GLMD181-T

LED Quantity：3PCS SMD5050 RGBW
Power：0.96W
IC type：UCS2904
Size(mm)：G45*H215MM
Color：RGBW  Chasing light
Notes：15pcs/String/15M
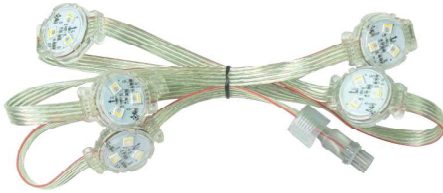Voltage(v)：DC12V
IP Rank：IP65

PROJECT:
PART #
NOTES:
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DATE:

**DATA SHEET**

## GL Series PERMANENT HOLIDAY LIGHTING

### GLMD181-T-H

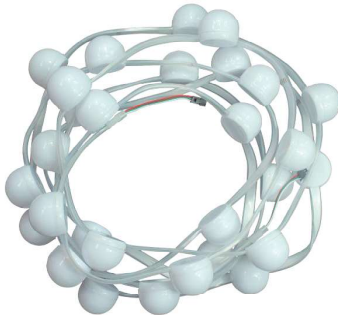LED Quantity：LED filament
Power：0.7W
Size(mm)：Φ45*H240MM
Color：2700K

Voltage(v)：110/220V
IP Rank：IP65
Notes：10pcs/String/5M

### GLMD182

LED Quantity：SMD5054RGBW
Power：0.96W
IC type：UCS512C2L
Size(mm)：30*30*14.5MM
Size of mounting hole：Φ30MM
Color：RGBW Chasing light

Voltage(v)：DC24V
IP Rank：IP68
Notes：1pcs/String, 5 pcs/String, 10pcs/String

### GLMD183

LED Quantity：6PCS/M
Power：0.72W
IC type：SM16703
Size(mm)：Φ43MM
Color：RGB Chasing light

Voltage(v)：DC12V
IP Rank：IP67
Notes：30pcs/5M

### GLMD184

LED Quantity：SMD3535RGBW
Power：1.2W
IC type：UCS2904
Size(mm)：Φ50X77MM
Color：RGBW Chasing light

Voltage(v)：DC24V
IP Rank：IP67
Notes：5pcs/M

### LED Curtain Lights

LED Type：SMD4040
Power：0.05-0.15W/pcs
IC type：WS2811
Size(mm)：Φ5X12MM
Color：RGB

Voltage(v)：DC5V
IP Rank：IP65

## GLMD190

LED Quantity：SK6812 RGBW　　Voltage(v)：DC12V
Power：0.5W　　　　　　　　　　IP Rank：IP68
IC type：SK6812RGBW　　　　　　Notes：5pcs/strip
Size(mm)：Φ25X58MM
Color：RGBW Chasing light

## GLMD191 (6 Lamp Beads)

LED Quantity：6pcs smd3535　　Voltage(v)：DC48V
RGB+3000K　　　　　　　　　　IP Rank：IP68
Power：1.44W　　　　　　　　　Notes：5pcs/strip
IC type：UCS2904
Size(mm)：55.7*31*15.5MM
Size of mounting hole：Φ25MM
Color：RGBW Chasing light

## GLMD191(3 Lamp Beads)

LED Quantity：3PCS5050RGBW　　Voltage(v)：DC48V
Power：1.44W　　　　　　　　　IP Rank：IP65
IC type：UCS2904B　　　　　　　Notes：1pcs/String,
Size(mm)：G45*92MM　　　　　　5pcs/String
Color：RGBW  Chasing light

## GLMD193

LED Quantity：1pcs smd5054RGB　Voltage(v)：DC36V
Power：1.44W　　　　　　　　　IP Rank：IP68
IC type：UCS1903　　　　　　　　Notes：5pcs/strip
Size(mm)：42*30.2*16MM
Size of mounting hole：Φ15MM
Color：RGB Chasing light

## GLMD193-RGBW

LED Quantity：1pcs smd5054　　Voltage(v)：DC24V
RGBW　　　　　　　　　　　　IP Rank：IP68
Power：1.44W　　　　　　　　　Notes：5pcs/strip
IC type：UCS2904
Size(mm)：42*30.2*16MM
Size of mounting hole：Φ15MM
Color：RGBW Chasing light

# Aluminum channel

## Customizable colors

typology:Single side point light source aluminum
Double side point light source aluminum
Raised shape  point light source aluminum
Single side with buckle
Dedicated bridge rope
Cove lighting

Thickness:0.6-1.2mm Customizable thickness
Size:Various sizes available Customizable sizes
Hole size:20/30/40/50mm
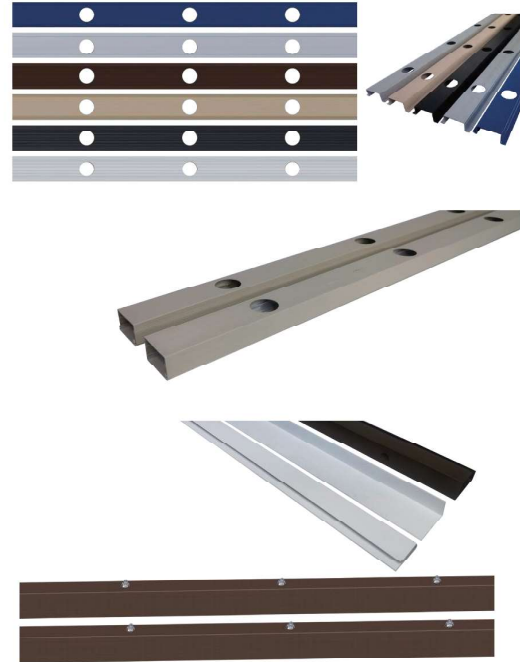
# Glue Groove

## White/Black

**Number of modules:**7PCS led module/M
10PCS led module/M

**Assembly Instructions:**There are upper cover
and lower cover.
Lower cover is 90 degree U-shaped or 45 degree
angle V-shaped 1M rail.
Upper cover is 88mm long
Can be customized

**Installation:**3 M tape on back Or with screw

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# Wire Series

1ft connector

2ft connector

5ft connector

10ft connector

20ft connector

T connector with DC

T connector with
two nake wires

two output

# Waterproof Case

**waterproof box with acessories**
Power supply+Protection Circuit+Controller+Waterproof electric box

**Permanent chasing light   control system**
Power supply+Protection Circuit+Controller+Waterproof electric box

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# Power supply

## Normal waterproof power supply

Power (W) :30W-600W
Output VoltageDC:12V / 24V
Input VoltageAC:100-240VAC
Output CurrentA:1.25A-50A
IP Rank:IP 67

## Ming Wei Switching Power Supply

Power (W) :15W-600W
Output VoltageDC:12V / 24V
Input VoltageAC:85-264VAC
Output CurrentA:0.625A-50A
IP Rank:N

## Non-Waterproof Switching Power Supply - Aluminum Housing

Power (W) :120W-350W
Output VoltageDC:12V / 24V
Input VoltageAC:AC100-240V
Output CurrentA:5A-29.1A
IP Rank:N

## Non-Waterproof Power Supplies - Plastic Housing

Power (W) :12W-120W
Output VoltageDC:12V
Input VoltageAC:AC100-240V
Output CurrentA:1A-10A
IP Rank:N

## Clss 2 LED Power Supply

Power (W) :42W
Output VoltageDC:12-72W
Input VoltageAC:AC100-240V
Output CurrentA:0.9A
IP Rank:44

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# LED Modules Series

LED Module Light is a very important lighting tool, because of its high efficiency, energy saving and other advantages are more and more widely used in a variety of places, including homes, office buildings, exhibition halls, supermarkets, stations, billboards and other purposes.



## GLMD124

LED Type:SMD5050 RGB
LED Qty(pcs):1LED
Voltage(V):DC12V
luminous angle:160°
electrical characteristic:constant voltage
Color:RGB
Size(mm):22*15*6.0mm

IP Rank:IP65
Power(W):0.72W

## GLMD192

LED Type:SMD5050          IP Rank:IP68
LED Qty(pcs):3LED          Power(W):0.72W
Voltage(V):DC12V           IC type:UCS1903
luminous angle:160°
electrical characteristic:Constant Current
Color:RGB chasing color
Size(mm):76*19*13.2mm



## GLMD129-RGBW

LED Type:SMD5050          IP Rank:IP65
LED Qty(pcs):3 LED         Power(W):0.75W
Voltage(V):DC12V
luminous angle:120°/160°
electrical characteristic:constant voltage
Color:RGBW
Size(mm):64*15.4*6.5mm



## GLMD158

LED Type:SMD5730          IP Rank:IP68
LED Qty(pcs):3LED          Power(W):1W
Voltage(V):DC12V
luminous angle:120°
electrical characteristic:constant voltage
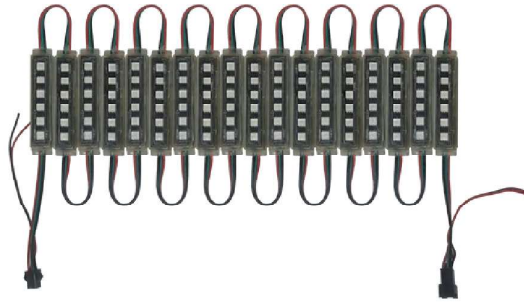Color:CW/PW/WW
Size(mm):73.5*15.4*10.8mm



## GLMD160

LED Type:SMD5050          IP Rank:IP68
LED Qty(pcs):3 LED         Power(W):0.72W
Voltage(V):DC12V           IC type:WS2811
luminous angle:120°
electrical characteristic:constant voltage
Color:RGB chasing color
Size(mm):73.5*15.4*10.8mm
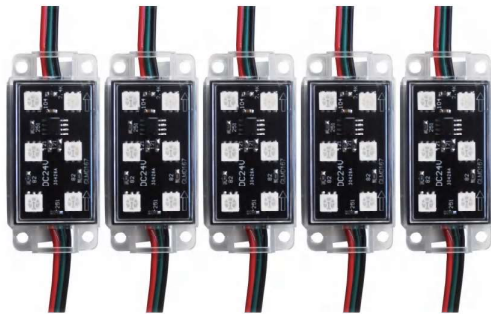
# LED
## LIGHTING CONCEPTS LLC

## GL Series PERMANENT HOLIDAY LIGHTING

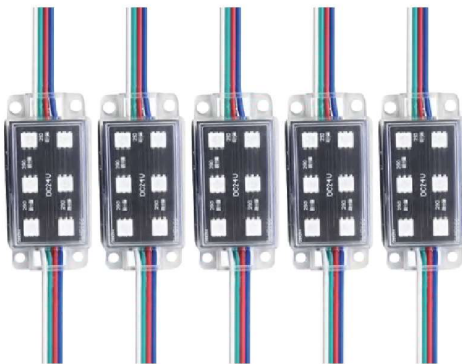### GLMD163

LED Type:SMD5050          IP Rank:IP68
LED Qty(pcs):6LED          Power(W):1.2W
Voltage(V):DC24V          IC type:2903N
luminous angle:120°
electrical characteristic:Constant Current
Color:RGB chasing color
Size(mm):73.5*15.4*10.8mm

### GLMD167

LED Type:SMD5050          IP Rank:IP68
LED Qty(pcs):6LED          Power(W):1.44W
Voltage(V):DC24V          IC type:U2903N
luminous angle:120°
electrical characteristic:constant voltage
Color:RGB chasing color
Size(mm):60*28.3*10.6mm

### GLMD166

LED Type:SMD5050          IP Rank:IP68
LED Qty(pcs):6LED          Power(W):1.44W
Voltage(V):DC24V
luminous angle:120°
electrical characteristic:cconstant voltage
Color:RGB
Size(mm):60*28.3*10.6mm
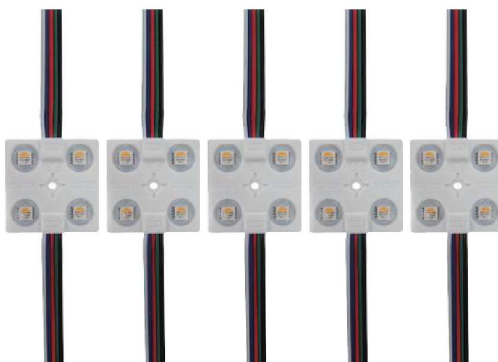
### GLMD151

LED Type:SMD5050RGBW     IP Rank:IP65
LED Qty(pcs):4LED          Power(W):1.5W
Voltage(V):DC12V
luminous angle:120°/160°
electrical characteristic:constant voltage
Color:RGBW
Size(mm):36*36*4.8mm