



**QUASAR LIGHT CO., LTD.**

[www.quasarled.com](http://www.quasarled.com)



**LED Lighting Solution Provider**

# Introduction

Quasar Light Co., Ltd is an established high-tech firm specialized in the research, development, engineering, marketing of LED based lighting solutions.

We have professional engineers always staying at the forefront of LED technology. We're especially well-placed in the field of Power LED thermal management and related lighting solutions. We use quality chips from Taiwan and USA, fully automated chip-placing and wire-bonding machines to ensure color consistency of LED.

Our product range is as follows:

1. LED Tube Lights (T5 / T8 / T10)
2. LED Downlights (Recessed & Surface Mounted)
3. LED Bulbs (MR11 / MR16 / E14 / E27 / GU10)
4. LED Wall Washer (DMX512 Compatible)
5. LED Strip Light
6. LED Module for Channel Letters & Signages Lighting
7. LED Rope Light, LED Neon Flex, LED Christmas Light String

We have well-trained sales team to offer you with rapid and professional service. We can meet orders of any size. At present, we are exporting large scale to many countries over the world.

Here are just some of the reasons why more and more people continue choosing our LED Light Series products:

- \* Responsive customer service & technical support
- \* Wide selections of LED products
- \* Competitive pricing
- \* Short lead time (7~15 after order confirmed)
- \* Stringent quality control (ISO9001, SGS and CE certified)

We welcome all domestic and overseas customers to our factory for business negotiation. Clients are welcome to buy our standard products, or send us OEM requests. You will be impressed by the quality and prices, please contact us now!



# SMD LED Tube Light

## T8 / T10 LED Tube light

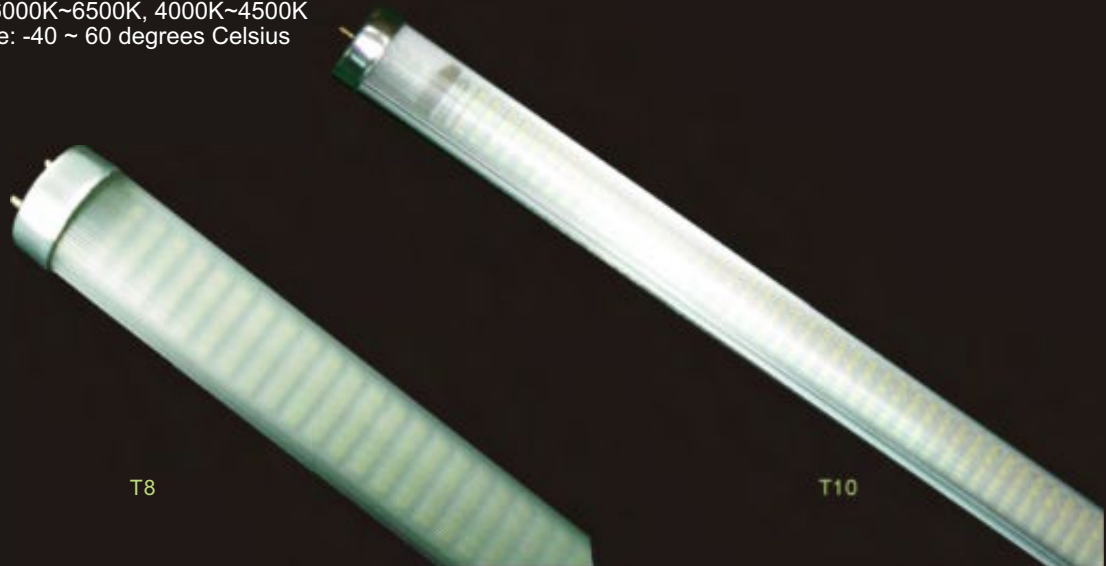
Item No: T8-W, T10-W

### Advantages:

- 1) Long lifetime 50, 000+ hrs (7+ years)
- 2) 70%~80% Energy-saving over Fluorescent Tubes
- 3) Solid State, High Shock/Vibration Resistant
- 4) Work with ballast or without ballast
- 5) No RF Interference
- 6) No Flickering
- 7) Instant Soft-start
- 8) Minimum Maintenance Costs
- 9) Produce Little Heat
- 10) No Mercury and other Hazardous Materials, fully RoHS-Compliant
- 11) Continuous Operation for White LEDs (10 Years for Other Colors)

### Features:

- 1) Directly Replacement for Fluorescent T8/T9, T10 Lamp
- 2) Diameter: 3cm (T8) / 3.2cm (T10)
- 3) Working Voltage: 80-120VAC or 165-245VAC
- 4) Total Amount of SMD LED:
  - 1.2 meter: 328pcs(T8) / 492pcs(T10)
  - 0.6 meter: 164pcs(T8) / 246pcs(T10)
- 5) Light output: 120cm, 1150lm (T8) / 1710lm (T10)
- 6) Power Consumption: 10W -18W
- 7) Color temperature: 6000K~6500K, 4000K~4500K
- 8) Ambient Temperature: -40 ~ 60 degrees Celsius



# SMD LED Tube Light

## T5 LED Tube light

Item No:T5-W-24V

### Description:

- 1) Working Voltage: 24VDC, Working Current: 180mA
- 2) Power Consumption: 4.5 Watts
- 3) UV-resistant PMMA tube housing, Inter-connectible
- 4) Qty of LED: 24pcs super bright Tri-chip White SMD LEDs
- 5) Light output: 150lm (50cm), 300lm (100cm)
- 6) T5 Diameter: 1.6CM (5/8 inch)
- 7) Length: 50cm, 100cm
- 8) Ambient Temperature: -20 ~ 40 degrees Celsius
- 9) Quick mounting brackets provide ease of installation and lower installation costs
- 10) Color temperature: 6000K~6500K, 4000K~4500K

### Applications:

- 1) Bus, shuttle, railcar passenger interiors
- 2) Uninterrupted emergency lighting
- 3) Focused reading and Task lighting
- 4) Interior design uses
- 5) Retail store displays
- 6) Closet illumination
- 7) Cove lighting
- 8) Marine recreation applications
- 9) Concealed accent lighting
- 10) Edge lighting
- 11) Under counter lighting



# LED Downlights

## 15x1W LED Recessed Downlight

**Item No:** QL-150

**Features:**

- 1) Power consumption: 18W
- 2) LED type: luxeon emitter 1W each
- 3) Number of LED: 15
- 4) Luminous flux: 675 lumens and more
- 5) Housing: anodized aluminum
- 6) Lens: 30-degree or others
- 7) Lumen maintenance: 70% at 50K hours
- 8) To be used with Quasar constant current led driver CLD-A3536

**Application:**

- 1) Recess lighting
- 2) Cabinet and under counter lighting
- 3) Shelf Lighting
- 4) Exhibition stands and panels
- 5) Architectural / Ceiling / Wall Coves



QL-150

## 6 x1W LED Recessed Downlight

**Item No:** QL-110

**Features:**

- (1) Brushed Aluminum Round Downlight
- (2) IP20, complete with 30cm leads plus amp plugs
- (3) 6X1 Watt Cree / Edison LED
- (4) Power Consumption: 8.2W
- (5) White, Warm White, Blue, Green, Amber, Red
- (6) 15° or 30° Lens
- (7) Dimensions:  $\phi$  120mm x (H) 40.5mm
- (8) Cutout size -  $\phi$  110mm complete with 300mm leads plus amp plugs
- (9) Used together with QUASAR constant current driver CLD-A3536



QL-110

# LED Downlights

## 3x1W LED Recessed Downlight

**Item No:** QL-070

**Features:**

- 1) Better energy efficiency over incandescent and most halogen lights
- 2) Very long operating life (up to 100,000 hours)
- 3) Constant current 350mA or 700mA, to be used with Quasar led driver
- 4) Cool light output (no UV or heat energy)
- 5) Low profile design
- 6) Narrow, medium and wide angle lenses
- 7) Any combination of lighting colors (warm white, cool white, amber, orange, red, blue, and green)
- 8) Available dimming option
- 9) 240lm (Taiwan Chip), 360lm (Cree Chip)

**Applications:**

- 1) Home/office lighting, display case lighting
- 2) Under-soffit lighting, under cabinet lighting
- 3) Art lighting, work / task lighting
- 4) Outdoor lighting, auto / motor home lighting
- 5) Boat lighting, accent lighting



QL-070

## Eyeball LED Recessed Downlight

**Item No:** QL-EYB

- 1) LED: Latest Cree Power Emitter 3W (120lm)
- 2) Light Output: 120lm (Cree 3W)
- 3) Power Consumption: 3 Watt
- 4) Used with 700mA constant current led driver
- 5) Cool White (CCT 6000-6500K), Warm White (CCT 2800-3200K)
- 6) Beam Angle: 30 Degree
- 7) Lighting Direction Adjustable
- 8) Lumen Maintenance: 70% at 50K Hours



QL-EYE

# LED Downlights

## Bar / Round Unit Recessed LED Downlights

**Item No:** QL-2021 / 2022 / 2023 / 2024 / 2025 / 2034 / 2035

**Features:**

- 1) Great for under-cabinet and other low voltage applications
- 2) To be used with Quasar constant current led driver CLD-A7021
- 3) Available in 1-unit, 2-unit, 3-unit, 4-unit, and 5-unit version
- 4) High output White or warm white LED
- 5) 50, 000-hour lifetime (17 years at 8 hours a day)
- 6) Reverse polarity protected
- 7) Constant current regulation
- 8) Proprietary design for excellent thermal management and lumen maintenance
- 9) 5 year warranty

**Specifications:**

- 1) 700mA constant current operation
- 2) LED: Cree 3W \*3, 120lm per LED
- 3) Body material: anodized aluminum
- 4) Operating temperature: -35 - +45°C (-31 - +112° F)



QL-2021



QL-2022



QL-2023



QL-2024



QL-2034



QL-2035



# LED Downlights

## Mini Recessed LED Downlights

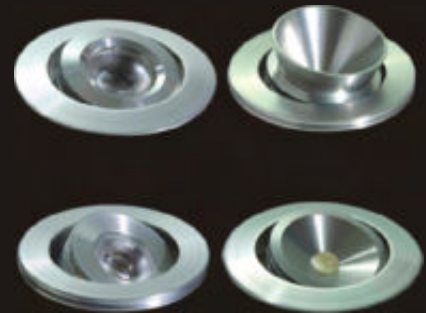
**Item No:** QL-101/201

**Features:**

- 1) Great for under-cabinet and other low voltage applications
- 2) To be used with Quasar constant current led driver CLD-A7021
- 3) Available in 1-unit, 2-unit, 3-unit, 4-unit, and 5-unit version
- 4) High output White or warm white LED
- 5) 50, 000-hour lifetime (17 years at 8 hours a day)
- 6) Reverse polarity protected
- 7) Constant current regulation
- 8) Proprietary design for excellent thermal management and lumen maintenance
- 9) 5 year warranty

**Specifications:**

- 1) 700mA constant current operation
- 2) LED: Cree 3W \*3, total 360lm
- 3) Body material: anodized aluminum
- 4) Operating temperature: -35 - +45°C (-31 - +112° F)



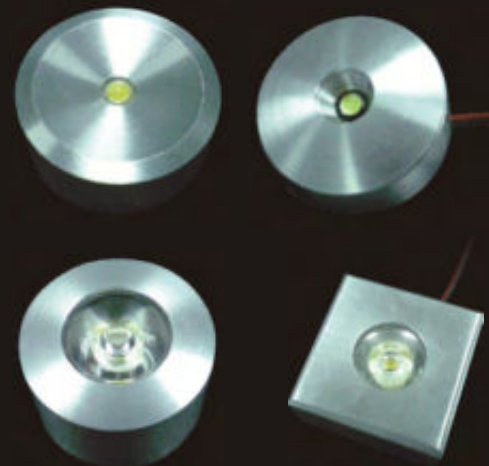
## LED Puck Lights Mount LED Downlights

**Item No:** QL-PUCK-1W3, 3x1W

- 1) Aluminum Alloy Housing
- 2) 3X1 Watt Cree / Edison LED
- 3) Power Consumption: 3 Watt
- 4) Beam Angle: 90 Degrees
- 5) Cool White (CCT 6000-6500K), Warm White (CCT 2800-3300K)
- 6) Outer Diameter 70mm, Overall Height 14mm
- 7) Mounting: recessed mounting, or surface mounting
- 8) Used with Quasar 350mA constant current led driver
- 9) Lumen Maintenance: 70% at 50K Hours

**APPLICATIONS:**

- 1) Home/office lighting, display case lighting
- 2) Under-soffit lighting, under cabinet lighting
- 3) Art lighting, work / task lighting
- 4) Auto / motorhome lighting
- 5) Boat lighting, accent lighting
- 6) Surface or Recessed Mounted Downlight





# LED Spot Light Bulbs

## Cree 3x1W LED Bulbs

**Item No:** MR16-3x1W / GU10-3x1W / E27-3x1W

### Features:

- 1) Base type: GX5.3 Pins / GU10 / E27
- 2) Input voltage: MR16 12V DC  
GU10 / E27 85~260VAC
- 3) Full range of colors: cool white, warm white, red, blue, green, and yellow
- 4) Best thermal management with aluminum housing
- 5) Light source: 3x1W high power LED
- 6) Luminous flux: 360 lm(white) / 300lm(warm white)
- 7) Beam angle: 30/60 degrees
- 8) Body temperature:  $\leq 53^{\circ}\text{C}$
- 9) LED working temperature:  $\leq 62^{\circ}\text{C}$
- 10) Temperature:  $-40 \sim 70^{\circ}\text{C}$
- 11) Brightness degradation: 3% - 5% 1kh
- 12) Lifespan: 50,000 hours
- 13) No UV or IR radiation

### Application:

Landscape Accent/Spotlighting  
Architectural Lighting  
Display Case Accent  
Artwork Lighting  
Mood Lighting/General lighting  
Amusement Park Accent



3x1W LED Spotlight(135lm)

# LED Spot Light

## PAR30 7x1W LED Bulbs

**Item No:** E27-7X1W

**Features:**

- 1) Base type: Edison Screw E27 Base
- 2) Input voltage: 85 - 260V AC with reversed polarity protect
- 3) Beam angle: 30/60 degrees
- 4) Light source: 7 x 1W high power LED
- 5) Luminous Flux: 350 lumens
- 6) Body temperature:  $\leq 53^{\circ}\text{C}$
- 7) LED working temperature:  $\leq 62^{\circ}\text{C}$
- 8) Temperature:  $-40 \sim 70^{\circ}\text{C}$
- 9) Brightness degradation: 3% - 5%/1kh
- 10) Life span: 50,000 hours
- 11) Full range of colors: cool white, warm white, blue, green, red, yellow
- 12) Aluminum housing
- 13) No UV or IR radiation
- 14) Net weight: 300g
- 15) Total length: 82mm

**Applications:**

Replacement bulbs for general lighting, especially for museums, art galleries, cosmetic counters where UV or IR radiation is undesirable



7x1W LED Spotlight(315lm)

## PAR38 12x1W LED Bulbs

**Item No:** E27-12X1W

**Features:**

- 01) 12 pcs of 1 watt Edison LEDs.
- 02) Aluminum body, for high shock/vibration resistant.
- 03) Low power consumption.
- 04) Easy installation, using existing socket.
- 05) Solid-state, fast turn on.
- 06) Minimum 50,000 hour bulb life/Average 100,000 hours (Reduce maintenance costs)
- 07) Withstand shocks, vibrations, frequent switching and temperature extremes that rapidly incapacitate fragile incandescent lamps
- 08) Save energy and maintenance cost, decrease of electricity costs by up to 90%
- 09) Low heat generation. Durability over incandescent & Halogen bulbs
- 10) Wide range of voltage applications

**Application:**

- 01) Landscape Accent/Spot lighting
- 02) Architectural Lighting
- 03) Display Case Accent
- 04) Art work Lighting
- 05) Mood Lighting
- 06) Amusement Park Accent
- 07) Home lighting



# LED Spot Light

## Cree 3watt LED Bulbs

**Item No:** MR16-C3W / GU10-C3W / E27-C3W

### Features:

- 01) Light source: Cree 3 Watt Power LED
- 02) Light color: Clean White, Warm White, Pure Green, Blue, Amber, Red
- 03) Input voltage : 85~240VAC (GU10,E27) / 9~14VDC (MR16)
- 04) Base: E27 Edison screw base / GU10 pins / GX 5.3 pins
- 05) HOUSING: Molded aluminum with silver paint finish, 5cm diameter
- 06) OPTICS: Optical grade B270 collimator
- 07) LENS: DIAMETER 30 mm
- 08) MIN BEAM DISTANCE: 15cm (6 inches)
- 09) RENDERING INDEX: (Ra) >75 (for white color)
- 10) Beam angle: 50, 70 or 100 Degrees
- 11) Intensity: 120 Lumens
- 12) TOTAL LENGTH: 50 mm (including base)
- 13) Net Weight: 70g
- 14) Operating Temp: -40 to +50°C
- 15) Storage Temp.: -40 to +80°C



## E27 10W LED Bulbs

**Item No:** E27-10W

### Features:

- 1) Base type: E27
- 2) Input voltage: 85 ~ 240V AC
- 3) Full range of colors: cool white, warm white, blue, green, red, and yellow
- 4) Proprietary thermal management with internal copper heat conductor and external aluminum housing
- 5) Light source: 10W high power LED
- 6) Luminous flux: 400 lumens
- 7) Beam angle: 50/70/100 degrees (glass lens optical grade)
- 8) Body temperature:  $\leq 53^{\circ}\text{C}$
- 9) Led working temperature:  $\leq 62^{\circ}\text{C}$
- 10) Temperature: -40 ~ 70°C
- 11) Brightness degradation: 3% - 5% 1kh
- 12) Life span: 50,000 hours
- 13) No UV or IR radiation

### Applications:

Replacement bulbs for general lighting, especially for museums, art galleries, cosmetic counters, where UV or IR radiation is undesirable



10W LED Spotlight(400lm)

# LED Wall Washer

## LED Wall Washer

**Item No:** WL-15-W

**Features:**

- 1) Input voltage: 24VDC or 220VAC
- 2) Dimensions (L x W x H): 100/50 x 7.5 x 16cm
- 3) Light source: 15 x 1W power LED (0.5m), 30 x 1W power LED (1m)
- 4) Full range of colors: cool white, warm white, red, green, blue, amber, and RGB color-changing
- 5) CCT: white (6,000 - 6,500k), warm white (2,800 - 3,200k)
- 6) Wavelength: red (620 - 630nm), green (520 - 525nm), blue (465 - 470nm), amber (590 - 595nm)
- 7) Beam angle: 15 degree or 25 degree
- 8) Beam distance: 10 - 20 meters
- 9) IP rank: IP65 (waterproof)
- 10) Aluminum alloy housing
- 11) No UV or IR radiation
- 12) Net weight: 2.5kg (0.5m), 4.5kg (1m)

**Applications:**

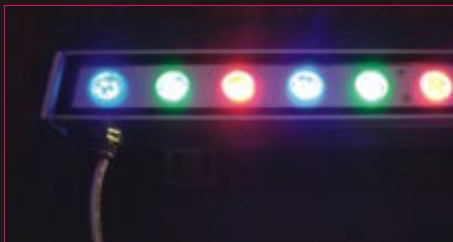
Floodlighting and wall washing for bars, clubs, hotels, stages, parks, plazas, commercial buildings facade, mosques, museums, and art galleries"

**Note:**

A mini-size led wall washer is available too, please contact us for more info



LED Wall Washer / Linear LED Floodlight



# LED Wall Washer

## RGB LED Wall Washer(DMX Compatible)

**Item No:**WL-96-RGB \ WL-36-RGB

**Features:**

- 01) Lighting Sources: 96pcs 1Watt High Power LED
- 02) Size (L x W x H): 1000mm x 45mm x 26mm\343mm x152mm x214mm
- 03) Materials: alnico shell with strengthen glass cover
- 04) Voltage: 100-240V AC
- 05) Max Current: 220V 0.2A
- 06) Max Projection Distance: 80M
- 07) Designed for proper heat management
- 08) LED quantity: 96 pieces 1W high power LED
- 09) Color: Warm White, Pure White, RGB, GREEN, BLUE, AMBER, RED
- 10) Constant Current: R / G / B 320mA
- 11) DMX 512 control Mode
- 12) IP 65 rated, Electrical protection: class I
- 13) Easy installation with the assistance of mounting gears and rotating
- 14) Working hours: >50,000 hours
- 15) Outdoor application from -40 C to +50 C

**Application:**

- 01) Linear lighting
- 02) Atmospheric Interior Lighting
- 03) Road / Bridge / floodlighting
- 04) Wallwashing for bars, clubs, hotels, stages, parks, plazas  
commercial buildings facade, mosques, museums, and art galleries



# LED Wall Washer

## LED Projector

Item No:QL-LP2-W

### Features:

- 1) Size: Oval Shape 180\*120\*130mm
- 2) Color: white, red, green, blue, amber, RGB
- 3) LED q'ty: 168pcs narrow angle leds
- 4) IP Rank: IP65 (waterproof, dustproof)
- 5) Input Voltage: AC100V~AC240V
- 6) Beam Angle: 30 degree
- 7) Projection Distance: 10-20 meters
- 8) Super bright cool light output (no UV or heat energy)
- 9) Homogeneous wall wash
- 10) Very long operating life (upto 100,000 hours)

### Applications:

Floodlight and Wall Washing for Bars, Clubs, Hotels, Stage, Parks, Plazas, Commercial Buildings, Mosques, Museums, etc.



LED Wall Washer / LED Projector



# LED Strip Lights

## Aluminium LED Strip Light

**Item No: QL-A54/108**

Display lighting and under-cabinet shelf lighting have always presented challenges for the lighting designer. Abundant light and less heat are required for product display, especially where the perishable goods are concerned.

Our aluminum profile LED strip lighting system is with a neat series of lighting units. With 24V operation, a low profile and ultra-bright, white LED projecting no heat or UV, the system is perfect in any display situation and especially ideal for refrigerated displays, bar and freezer cabinets, as no extra cooling capacity is required to compensate for the tiny amount of heat generated by the light fittings LED Strip Light for Display Case, Freezer Cabinets.

### **Features:**

- 1) Color is available in: white, warm white, red, green, blue, yellow, and RGB
- 2) RGB controller available
- 3) Waterproof Ip67, suitable for outdoor use
- 4) Compact size (L x W x H): 50/100 x 2.4 x 1.0cm
- 5) LED quantity: 54 LED (0.5m), and 108 LED (1m)
- 6) Up to 200+ lumens (0.5m white) and 400+ lumens (1m white)
- 7) Working voltage: 12V DC / 24V DC

### **Applications:**

- 1) Under-cabinet lighting
- 2) Refrigerated display lighting
- 3) Bar and freezer cabinet lighting



LED Strip Light for Display Case, Freezer Cabinets

# LED Strip Lights

## Rigid SMD LED Strip

**Item No:** R30W

**Features:**

- 1) Length 50cm with 30cm top SMD LED, width 8mm, Cuttable every 5cm
- 2) Non-waterproof, rigid type
- 3) Runs on 12V systems
- 4) Easy connection with snap-in connectors
- 5) Solid-state, high shock or vibration resistant
- 6) Major reduction in power costs
- 7) Wide angle SMD LED used, making the light output smooth and even
- 8) No RF interference
- 9) Maintenance free, easy installation
- 10) Long life 100,000+ hours (10+ years); white LED, 50,000+ hours
- 11) Low power consumption, high intensity

**Applications:**

- 1) Architectural decorative lighting
- 2) Archway, canopy and bridge edge lighting
- 3) Amusement park, theater and aircraft cabin mood lighting
- 4) Emergency hallway lighting
- 5) Auditorium walkway lighting
- 6) Stairway accent lighting
- 7) Concealed lighting
- 8) Backlighting for signage letters
- 9) Channel letter lighting
- 10) Emergency exit path lighting
- 11) Cove lighting
- 12) Edge-lit acrylic panel lighting



Rigid SMD LED Strip (cuttable every 5cm)

## Remote Controller for RGB Color-changing Effect

**Features:**

- 1) Input 100-120VAC or 220-240VAC
- 2) Output 12VDC or 24VDC
- 3) Remote controlling distance: 130meters



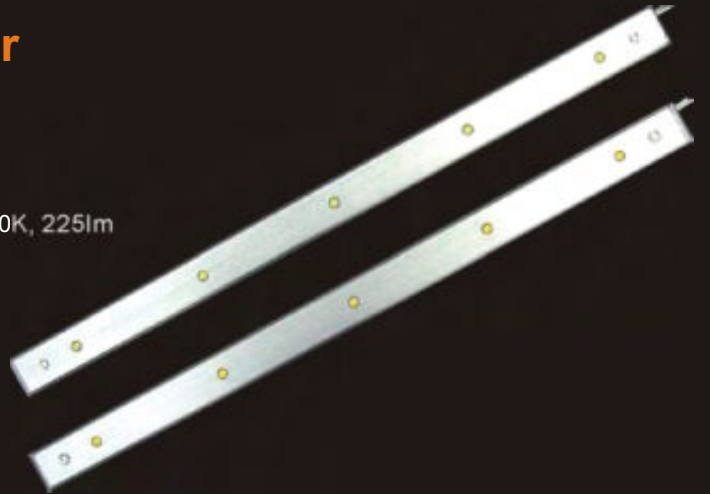
# LED Strip Lights

## Brushed Aluminum LED Bar

Item No:QL-BA-W5

### Features:

- 01) Brushed Aluminum Light Bar
- 02) Light source: 5 pieces 1 watt high power LED
- 03) White 6000K-6500K, 300lm; Warm White 2800K-3300K, 225lm
- 04) Lifetime: More than 50,000 hours
- 05) Beam angle: 120degree
- 06) Ultra-compact size: 375mm(L) x 23mm(W) x 6mm(H)
- 07) Waterproof, IP65
- 08) With screws for easy surface mounting
- 09) Requires constant current 350mA LED driver
- 10) Safety Standard: CE, RoHS



# LED Strip Lights

## Super Flux LED Ribbon

Item No: SR-56W-24V

### Features:

- 1) Clear PVC housing, Superflux LED encapsulated
- 2) Professionally encapsulated to be waterproof IP67
- 3) Length available: 2meter\*15mm\*4mm with 112 LEDs
- 4) Colors available: white, red, green, blue, amber, RGB
- 5) Working voltage: 24VDC
- 6) Beam angle: 90-120 degree
- 7) Superflux LED up to 10,000mcd
- 8) Long life: 100,000+ hours (10+ years); white LED, 50,000+hours

### Applications:

- 1) Architectural decorative lighting
- 2) Archway, canopy and bridge edge lighting
- 3) Amusement park, theater and aircraft cabin mood lighting
- 4) Emergency hallway lighting
- 5) Auditorium walkway lighting
- 6) Stairway accent lighting
- 7) Concealed lighting
- 8) Emergency exit path lighting
- 9) Cove lighting



# LED Strip Lights

## Flexible SMD LED Strip

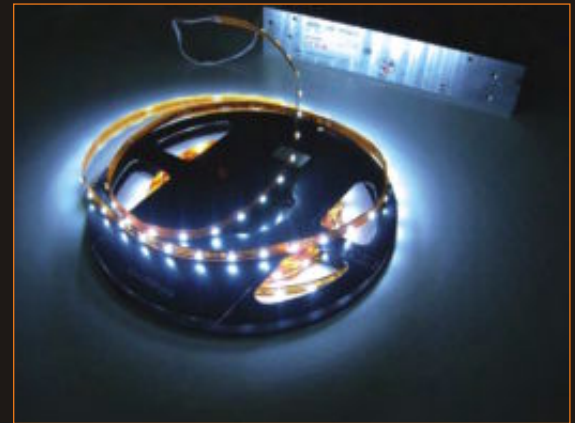
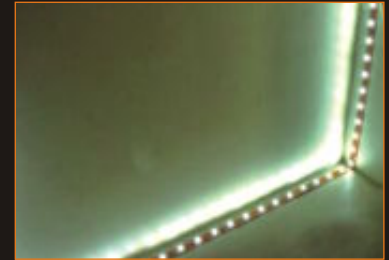
**Item No:** F30W

**Features:**

- 1) Continuous length flexible LED light strips
- 2) 5 meters/roll, cuttable every 5cm
- 3) Runs on 12-volt systems like solar cell charged batteries
- 4) Superbright SMD top LED
- 5) Solid-state, high shock or vibration resistant
- 6) Major reduction in power costs
- 7) 120-degree wide angle illumination
- 8) No RF interference
- 9) Maintenance free, with 3m adhesive tape on the back for easy installation
- 10) Long life: 100,000+ hours (10+ years); white LED: 50,000+ hours
- 11) Low power consumption, high intensity
- 12) Edge-lit acrylic panel lighting

**Applications:**

- 1) Architectural decorative lighting
- 2) Archway, canopy and bridge edge lighting
- 3) Amusement park, theater and aircraft cabin mood lighting
- 4) Emergency hallway lighting
- 5) Auditorium walkway lighting
- 6) Stairway accent lighting
- 7) Concealed lighting
- 8) Backlighting for signage letters
- 9) Channel letter lighting
- 10) Emergency exit path lighting
- 11) Cove lighting



Flexible SMD LED Strip (cuttable every 5cm)

## Remote Controller for RGB Color-changing Effect

**Features:**

- 1) Input 100-120VAC or 220-240VAC
- 2) Output 12VDC or 24VDC
- 3) Remote controlling distance: 130meters



# LED Strip Lights

## Waterproof Flexible LED Strip (clear)

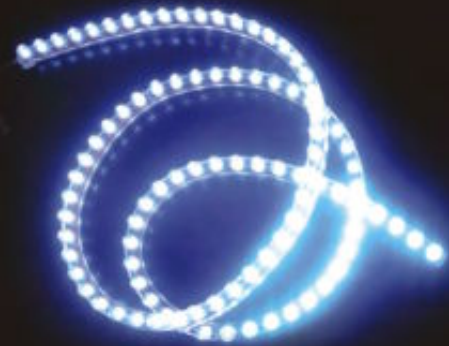
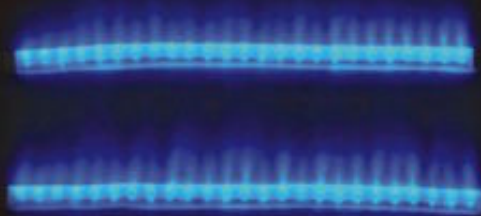
Item No: WF-12V / DF-12V

### Features:

- 1) Clear PVC, 3mm LED encapsulated
- 2) Waterproof IP65, suitable for outdoor use
- 3) Length available: 24cm, 48cm, 72cm, and 96cm
- 4) Colors available: white, red, green, blue, yellow, and RGB color-changing
- 5) Runs on 12V systems like solar cell charged batteries
- 6) Solid-state, high shock or vibration resistant
- 7) Major reduction in power costs
- 8) No RF interference
- 9) Maintenance free and easy installation
- 10) Long life: 100,000+ hours (10+ years); white LED, 50,000+ hours
- 11) Low power consumption, high intensity

### Applications:

- 1) Architectural decorative lighting
- 2) Archway, canopy and bridge edge lighting
- 3) Amusement park, theater and aircraft cabin mood lighting
- 4) Emergency hallway lighting
- 5) Auditorium walkway lighting
- 6) Stairway accent lighting
- 7) Concealed lighting
- 8) Emergency exit path lighting
- 9) Cove lighting



WF-W



DF-B

# LED Strip Lights

## Waterproof Flex SMD LED Strip

**Item No:** P12W & PC12W

**Features:**

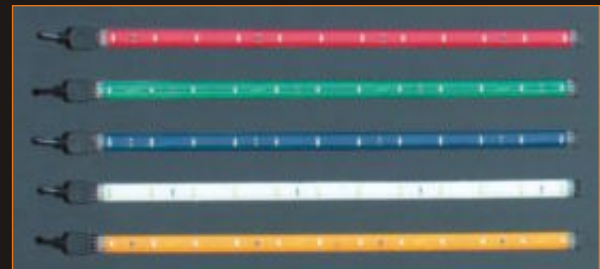
- 1) 30cm with 12 superbright SMD LED
- 2) Easy connection with snap-in connectors
- 3) Color: white, red, green, blue, yellow, and RGB
- 4) Waterproof IP65, suitable for outdoor use
- 5) Runs on 12-volt systems like solar cell charged batteries
- 6) Solid-state, high shock and vibration resistant
- 7) Major reduction in power costs
- 8) Wide angle SMD LED used, making the light output smooth and even
- 9) No RF interference
- 10) Maintenance free, easy installation
- 11) Long life 100,000+ hours (10+ years); white LED, 50,000+ hours
- 12) Low power consumption, high intensity

**Applications:**

- 1) Car and motorcycle decorative lighting
- 2) Architectural decorative lighting
- 3) Archway, canopy and bridge edge lighting
- 4) Amusement park, theater and aircraft cabin mood lighting
- 5) Emergency hallway lighting
- 6) Auditorium walkway lighting
- 7) Stairway accent lighting
- 8) Concealed lighting
- 9) Emergency exit path lighting
- 10) Cove lighting



Waterproof Flex SMD LED Strip





# LED Strip Lights

## Flexible LED Strip (Cuttable)

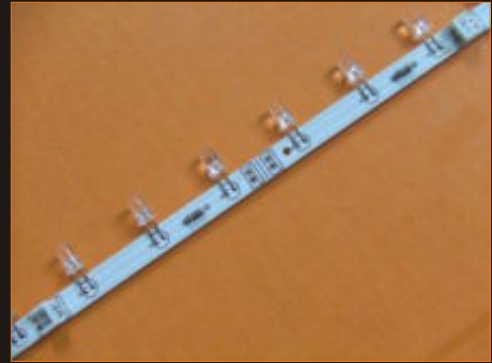
Item No: T30W-12V

**Features:**

- 1) Length 45cm with 18  $\phi$  5 LED and 12 receptacle , width 8cm ,Cuttable every 7.5cm
- 2) Non-waterproof IP65,rigid type
- 3) Runs on 12V systems
- 4) The luminous body of this product is high bright LED
- 6) Color: red, yellow, blue, green and white
- 5) Easy connection with snap-in connectors
- 7) Solid-state,high shock or vibration resistant
- 8) Major reduction in power costs
- 9) No RF interference
- 10) Maintenance free,easy installation

**Applications:**

- 1) Backlighting for channel letters & signages
- 2) Edge-lighting
- 3) Decorative Lighting



## Waterproof LED Light Strip with Plastic Housing

Item No: LB-30W-12V

**Features:**

- 1) Length 0.5m or 1m or other lengths specified by customer
- 2) Waterproof IP67, suitable for outdoor use
- 3) Use 5mm led or superflux led
- 4) Colors available: white, red, green, blue, and yellow
- 5) 54leds/0.5m & 108leds/1m, or other no. of leds specified by customer
- 6) With mounting holes for easy installation
- 7) Solid-state, high shock or vibration resistant
- 8) Major reduction in power costs
- 9) No RF interference
- 10) Maintenance free and easy installation
- 11) Long life: 100,000+ hours (10+ years); white LED, 50,000+ hours
- 12) Low power consumption, high intensity

**Applications:**

- 1) Architectural decorative lighting
- 2) Archway, canopy and bridge edge lighting
- 3) Amusement park, theater and aircraft cabin mood lighting
- 4) Emergency hallway lighting
- 5) Auditorium walkway lighting
- 6) Stairway accent lighting
- 7) Concealed lighting
- 8) Emergency exit path lighting



# LED Channel Letter LED Modules

## LED Modules for Channel Letters & Signs

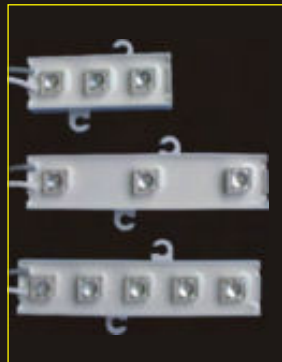
**Item No:** M3/M4/M5

### **Features:**

- 1) Low Wattage, Energy Efficient, Major Reduction in Power Costs
- 2) Virtually no maintenance
- 3) Low heat, high brightness, works well under harsh conditions
- 4) Including 3M adhesive tape for convenient mounting
- 5) Full range of colors: white, red, green, blue, yellow, and RGB color-changing
- 6) Input voltage: 12V DC, professionally designed to be fully waterproof
- 7) IP 67 protection degree can be normally operated even in cloudy, rainy and snowy weather
- 8) Solid-State, High Shock/Vibration Resistant LED Light Strip Modules for Channel Letters & Sign
- 9) No RF Interference
- 10) Long Life 100,000+ hrs (10+ Years). White LEDs, 50,000+ hrs

### **Applications:**

- 1) Channel Letters Backlighting
- 2) Advertisement Signs Backlighting
- 3) Advertisement Light Boxes Backlighting



LED Light Strip Modules for Channel Letters & Sign

# LED Channel Letter LED Modules

## High Power LED Modules

Item No: QL-P1W

### Feature:

- 1) High efficiency 1W up to 60 lumens
- 2) 120-degree beam angle for even and smooth backlighting without black spots
- 3) Working voltage: 12VDC
- 4) Colors: white 5,500K, warm white 2,800 - 3,300K, red, green, blue, amber
- 5) Long lifespan over 50, 000 hours
- 6) IP65, waterproof
- 7) Working temperature: -30 - +60°C

### Applications:

- 1) Big channel letter backlighting
- 2) Advertisement sign backlighting
- 3) Advertisement light box backlighting



High Power LED Modules for Channel Letter & Signs

## Aluminum-case LED Modules

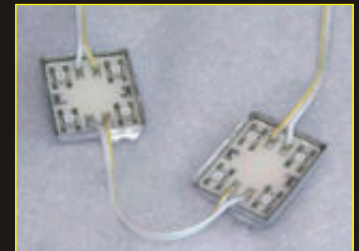
Item No: A4W / S4W

### Features:

- 1) Low Wattage, Energy Efficient, Major Reduction in Power Costs
- 2) Virtually no maintenance
- 3) Low heat, high brightness, works well under harsh conditions
- 4) Including 3M adhesive tape for convenient mounting
- 5) Full range of colors: Red, yellow, blue, green, white.
- 6) Input voltage: 12V DC, professionally designed to be fully waterproof
- 7) IP 67 protection degree can be normally operated even in cloudy, rainy and snowy weather
- 8) Solid-State, High Shock/Vibration Resistant
- 9) No RF Interference
- 10) Long Life 100,000+ hrs (10+ Years). White LEDs, 50,000+ hrs

### Applications:

- 1) Channel Letters Backlighting
- 2) Advertisement Signs Backlighting
- 3) Advertisement Light Boxes Backlighting



Aluminum-case LED Modules

# LED Module

## 3x1W LED Lighting Module

**Item No:** MPB-3x1W

**Features:**

- 1) 3 x 1W LED
- 2) With 3-in-1 optical lens (15-degree or 30-degree)
- 3) With 3pcs of 1 watt LED mounted on MCPCB for heat sinking

**Applications:**

As semi-finished component for making high power lighting fixtures

**Note:**

3W \* 3 version is also available,  
light output 240lm(Taiwan Chip) or 360lm(Cree Chip)



# LED G4 Bulb

**Item No:**G4-14-w

**Features:**

- 01) 14 super brightwhite 3mm LED's
- 02) 90° beam angle
- 03) Plastic housing
- 04) G4 base
- 05) Working voltage: 12V AC/DC
- 06) Working current: 40mA
- 07) Power consumption: 1.0W
- 08) Luminous flux: 12Lm
- 09) Luminous intensity: 10,000mcd
- 10) Dimension:  $\phi$  22.5 x (T) 11.0mm
- 11) Applications: LED replacement bulbs for Xenon G4 bulbs



# LED Auto Bulbs

**Item No:** 1156/1157/3156/3157, 12/19/32/36LEDs

- 01) Base: BA15s / BA15d
- 02) Working voltage: 6, 12, and 24V DC
- 03) Colors available: white, red, yellow, blue, green
- 04) LED cluster 1 diameter (26mm)
- 05) Overall height: 1-3/4-inch (43mm)

**Features:**

- 01) Maintenance free, easy installation
- 02) Solid-state, high shock /vibration resistant
- 03) Built-in current limiting resistors
- 04) Long life 100,000+ hours (10 years)
- 05) Designed to work in negative ground vehicles
- 06) Low power consumption
- 07) High intensity
- 08) Major power savings
- 09) Major reduction in, heat generation
- 10) One-Year Lamp Warranty
- 11) Low Heat Generation
- 12) One-Year Lamp Warranty



# LED Festoon Bulb

**Item No.: QL-211**

**Specifications:**

- 01) 2/3/4/6/9-LEDs
- 02) Base: S8.5
- 03) Working voltage: DC 6, 12, 24V
- 04) Colors available: white, red, yellow, blue, green

**Features:**

- 01) Drop in replacement to incandescent 211(festoon)
- 02) Solid-state, high-shock and vibration-resistant
- 03) Fast turn on/off time nanosec giving drivers following 19-extra feet of stopping distance at 60mph
- 04) Low power (wattage) draw, puts less load on the automotive electrical system, like alternator and battery
- 05) Long life 100,000h (10 years +)
- 06) Monochromatic color
- 07) High-intensity
- 08) Built-in current-limiting resistors
- 09) Designed to work in negative ground vehicles
- 10) Low heat generation
- 11) One-year lamp warranty

**Applications:**

Parking, stop and turn Signal  
Auto/aircraft  
Recreation vehicles  
Trucks





# LED Neon Flex

**Item No:**NF-80R-240V

**Features:**

- 1) 14mm\*27mm; 80 LEDs/m;50meters per role
- 2) Power Consumption: 2.88W/m
- 3) Output per Channel: 1Amp DC
- 4) Unique PVC jacket, high flexibility that can bend almost any angle you desire.
- 5) No shatter or break
- 6) 100% Waterproof
- 7) Factory rated 100,000hours of life which translates to low maintenance cost.
- 8) 1/10 energy used then Neon.
- 9) Great for cold climates, Neon flickers while LED's thrive.
- 10) Available in Red, Orange, Yellow, Green, Blue and White

**Accessories:**

- Splice
- Middle Connector
- End Cap
- T Bracket
- L Bracket
- X Bracket
- 2" Channel
- 1 Meter Channel
- High Voltage Converter
- Low Voltage Power Supply



# LED Christmas String Light

**Item No:** QL-C100-240V

## **Features**

- 1) Saves Up to 90% on Energy Cost
- 2) LED Count: 100
- 3) Style: Multi C7
- 4) Wire Color: Green or Transparent
- 5) 25,000 hrs avg bulb life
- 6) String Length: 28ft
- 7) Lighted Length: 25ft
- 8) Connector Type: End-to-End
- 9) Usage: Indoor/Outdoor
- 10) Colors will not fade or flake
- 11) Cool to touch
- 12) Water and Weather Resistant
- 13) Perfect for indoor and outdoor installations or displays



# LED Rope Light

**Item No:** QL-2D/QL-2F/QL-3F/QL-4F/QL-5F

**Features:**

**Types available:**

- 1) QL-2 Round two wire: 36 pieces of LED in 1 row
- 2) QL-2 Flat two wire: 36 pieces of LED in 1 row
- 3) QL-3 Flat three wire: 72 pieces of LED in 2 rows
- 4) QL-4 Flat four wire: 108 pieces of LED in 3 rows
- 5) QL-5 Flat five wire: 144 pieces of LED in 4 rows LED Rope Light

**Colors available:**

- 1) Warm white
- 2) White
- 3) Red
- 4) Green
- 5) Blue
- 6) Amber
- 7) Purple
- 8) RGB color changing
- 9) RYB color changing
- 10) RGYB color changing
- 11) RGWB color changing



# LED Power Supply

## Features:

Input: AC 120V or AC 240V

Output: DC12V or DC 24V

Output Power:30W / 60W / 100W /150W

Indoor Use /OutdoorUse

## Applications:

Used with LED lighting fixtures



# LED Drivers

## Constant Current LED Driver

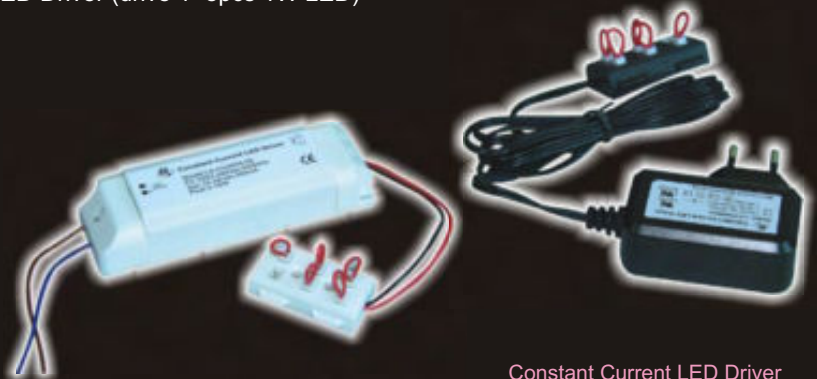
Item No.: CLD-A3536

### Features:

- 1) Small size with universal input voltage from 100 ~ 255V for worldwide use
- 2) Drives LED with constant current, resulting in constant brightness and extended life time
- 3) Protection against short circuit and overload
- 4) Designed to drive 1 to 8pcs Lumiled Luxeon 1W with 350mA constant current output

### Technical parameters:

- 1) Input voltage: 100 ~ 255V ACConstant Current LED Driver (drive 1~8pcs 1W LED)
- 2) Frequency: 50 ~ 60Hz
- 3) Efficiency: 80% typical
- 4) Power factor:  $\geq 98$
- 5) Output current: 350mA
- 6) Voltage: DC 36V  $\pm$  1V
- 7) Wattage: 12W
- 8) LED no. to drive: 1 - 8pcs Luxeon 1W LED
- 9) Protection: short circuit or overload
- 10) Operating temperature: -20 ~ +60°C
- 11) Case temperature: 65°C
- 12) Wiring way: lead or AC plug
- 13) Warranty: 2 years
- 14) IP 67 waterproof
- 15) Dimensions: 65 x 35 x 23mm



Constant Current LED Driver

# High Power LED

## Power LED Emitter 1W, 3W, 5W (Lambertian Type)

Item No:1W-C6

**Features:**

- 1) Red, amber, green, warm white 1W: 30 - 40 lumens; white 1W: 50 - 60 lumens
- 2) Warm white: 2,800 - 3,300K; white: 6,000 - 6,500K
- 3) Different len angles available: 15 / 30°
- 4) Different aluminum PCB available: star PCB, round PCB, and square PCB

**Applications:**

- 1) Commercial lighting
- 2) Residential lighting
- 3) Decorative lighting



Power LED Emitter 1W, 3W, 5W

## Super Flux LED (Piranha LED, Spider LED)



Super Flux LED, Piranha LED

Item No:QL-33

**Features:**

- 1) Super flux, high light output
- 2) Color: red, green, blue, yellow, white, warm white, orange, and amber
- 3) Beam angle: 30°, 80° or 120°
- 3) Good heat control
- 4) Long service life, up to 100, 000 hours

**Applications:**

- 1) Channel letter backlighting
- 2) Residential lighting
- 3) Automotive lamps

## SMD LED

Item No:QL-5060

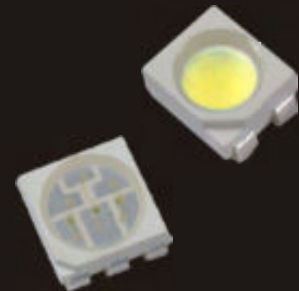
**Features:**

SMD LED 1210 (SMT LED, TOP LED):

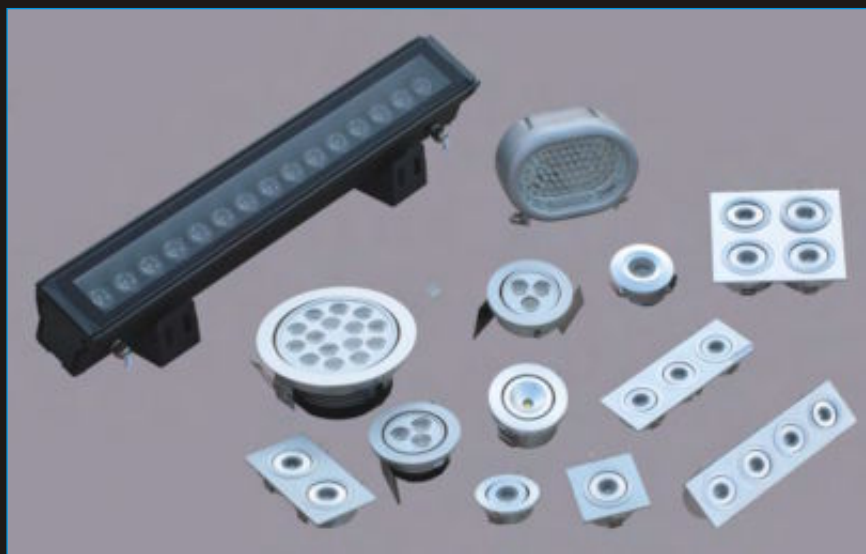
- 1) Available on tape and reel
- 2) Ideal for car panel backlight, and LED display screen
- 3) Low power consumption
- 4) ESD class 1
- 5) The package is the PLCC-4 (equivalent to a size B tantalum capacitor)SMD LED's
- 6) Consists of a lead frame which is embedded in a white thermoplast
- 7) The reflector inside is filled up with clear epoxy

**Applications:**

- 1) Interior and exterior lighting
- 2) Dashboard illumination
- 3) Indicator and backlight purposes for audio devices, videos, LCD switches, symbols, and illuminated advertising



SMD LED's



We warmly welcome both new and old customers  
to our company for business negotiations.

**QUASAR LIGHT CO.,LTD.**

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