



KARNAR INTERNATIONAL GROUP LIMITED
KARNAR LIGHTING & ELECTRONICS FACTORY





**Strength Through Professional Staff
Future Through Innovation**

Young, but ambitious.

Not the best, but always try to be the best.

We continuously work hard. We always explore and advance. We're the guys of KARNAR, a unitive, high-efficient team with full of enthusiasm.

In this new 21st century, power source will be exhausted and the environment becomes worse than before. People realize the importance of energy-saving and environmental protection. KARNAR enters into the LED lighting and illumination industry with more than ten years experience in this special moment.

With development and improvement of technical, LED in all kinds of colors, brightness and shapes was innovated quickly in the recent years. The quality, brightness, power consumption (1W, 3W) of LED better and better, but cost lower and lower. It'll be possible and true that LED will replace regular and traditional tungsten and fluorescent lamp in the near future. KARNAR is fortunately to be an urger and disseminator in this tendency.

The series products available now in KARNAR are: LED WALL WASHER, LED DMX BALL, LED PAR64, LED NEON TUBE, LED LAMP (36 SMD core, 1x3W, 3x1W, 5x1W, 7x1W etc.), LED SOLAR LIGHT, LED DECORATIVE LIGHT (SOFTLIGHT AND CHRISTMAS LIGHT), LED CHERRY LIGHT AND LED GIFT LIGHT. KARNAR is still dedicated in developing more and more, better and better products to all kinds of customers. Besides, we provide not only products, but also services as well supports in process of sales, installation and application.

We're not keen to be the largest, but to be the best one. And we deeply believe in that: Strength through professional staff, Future through innovation.





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LIGHT THE FUTURE

LED WALL WASHER

LED WALL WASHER is mainly used for decoration and highlight in building frame, garden, etc. It can work in independent mode and DMX mode, which can generate various color changing effects, such as 7 single steady colors, 7 color flashing, 7 color fading,



LWW-1-180/LWW-1-360



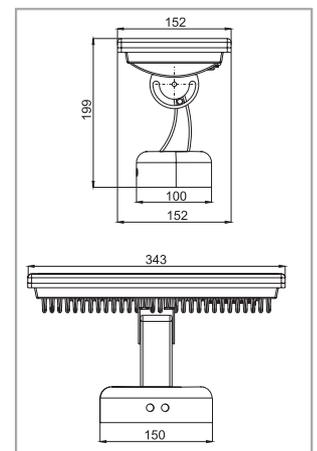
LWW-1-36P

Item Number	LED Quantity	Color	Current (Max.)	Power Consumption	Beam Angle	Project distance	Weight
LWW-1-180	180LED	R-60,G-60,B-60	0.06A	15Watts	45°	10M	6Kgs
LWW-1-360	360LED	R-120,G-120,B-120	0.11A	25Watts	45°	20M	6Kgs
LWW-1-36P	36 POWER LED	R-12,G-12,B-12	0.22A	48Watts	25°	20M	6Kgs

* Protection Rating:IP65 Size:343x152x214mm

STANDARD SPECIFICATION

Material of Shell: aluminum alloy
 Rotary angle: 180°
 Input Voltage: 100~256VAC
 Operating Voltage: 12V DC/24V DC
 Operating Temperature: -20 °C~40 °C
 Function: 7 Single steady colors and 7 color flashing, 7 color fading, 7 color jumping, master slave mode.
 Independent mode: choose the effects that you need by button on the back.
 DMX mode: International standard DMX512 signal control (3XLR)



LED WALL WASHER



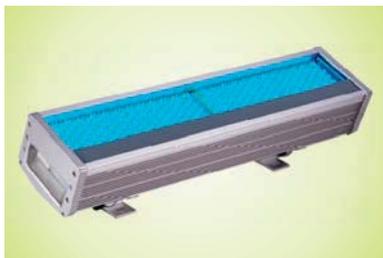
LWW-2-720



LWW-2-72P

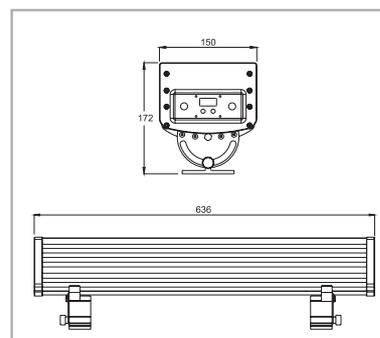
Item Number	LED Quantity	Color	Current (Max.)	Power Consumption	Beam Angle	Project distance	Weight
LWW-2-720	720 LED	R-240,G-240,B-240	0.22A	50Watts	25°	20M	7.5Kgs
LWW-2-72P	72 Power LED	R-24,G-24,B-24	0.44A	96Watts	45°	20M	8.5Kgs

*Protection Rating:IP65 Size:636x150x172mm



STANDARD SPECIFICATION

Material of Shell: aluminum alloy
 Rotary angle: 180°
 Input Voltage: 100~256V AC
 Operating Voltage: 12V DC/24V DC
 Operating Temperature: -20 °C~40 °C
 Function: 7 single steady colors and 7 color flashing, 7 color flashing
 7 color jumping, master slave mode.
 Independent mode: choose the effects that you need by button on the side
 DMX mode: International standard DMX512 signal control (3XLR)





LIGHT THE FUTURE

LED WALL WASHER



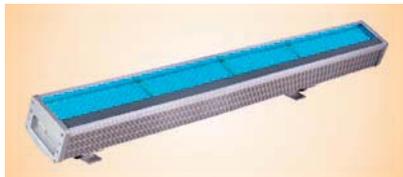
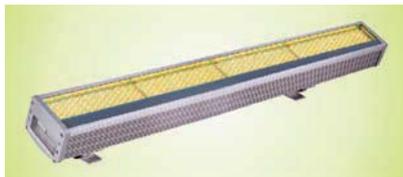
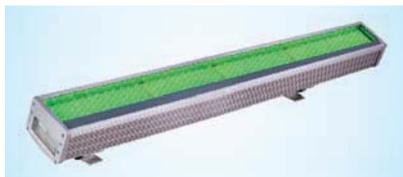
LWW-2-1440



LWW-2-144P

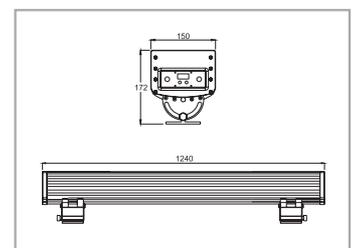
Item Number	LED Quantity	Color	Current (Max.)	Power Consumption	Beam Angle	Project distance	Weight
LWW-2-1440	1440 LED	R-480,G-480,B-480	0.44A	100Watts	25°	20M	13.5Kgs
LWW-2-144P	144 Power LED	R-48,G-48,B-48	0.8A	192Watts	25°	20M	14.5Kgs

*Protection Rating:IP65 Size:1240x150x172mm



STANDARD SPECIFICATION

Material of Shell: aluminum alloy
 Rotary angle: 180°
 Input Voltage: 100~256VAC
 Operating Voltage: 12V DC/24V DC
 Operating Temperature: -20 °C~40 °C
 Function: 7 Single steady colors and 7 color flashing, 7 color fading, 7 color jumping, master slave mode.
 Independent mode: choose the effects that you need by button on the side
 DMX mode: International standard DMX512 signal control (3XLR)



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LED WALL WASHER



LWW-3-60P



LWW-4-12P



LWW-4-24P

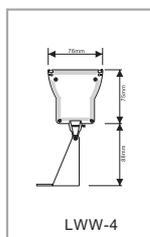
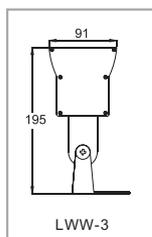
Item Number	LED Quantity	Color	Current (Max.)	Power Consumption	Project distance	Size	Weight
LWW-3-60P-3DMX	60 Power LED	R-20,G-20,B-20	0.12A	26.4 Watts	20M	1000x91x195mm	5Kgs
LWW-3-60P-60DMX	60 Power LED	R-20,G-20,B-20	0.22A	48.4 Watts	20M	1000x91x195mm	5Kgs
LWW-4-12P	12 Power LED	R-4,G-4,B-4	0.12A	26.4 Watts	15M	500x76x163mm	2.5Kgs
LWW-4-24P	24 Power LED	R-8,G-8,B-8	0.22A	48.4 Watts	15M	1000x76x163mm	4Kgs

* Protection Rating:IP20 Beam Angle:25°



STANDARD SPECIFICATION

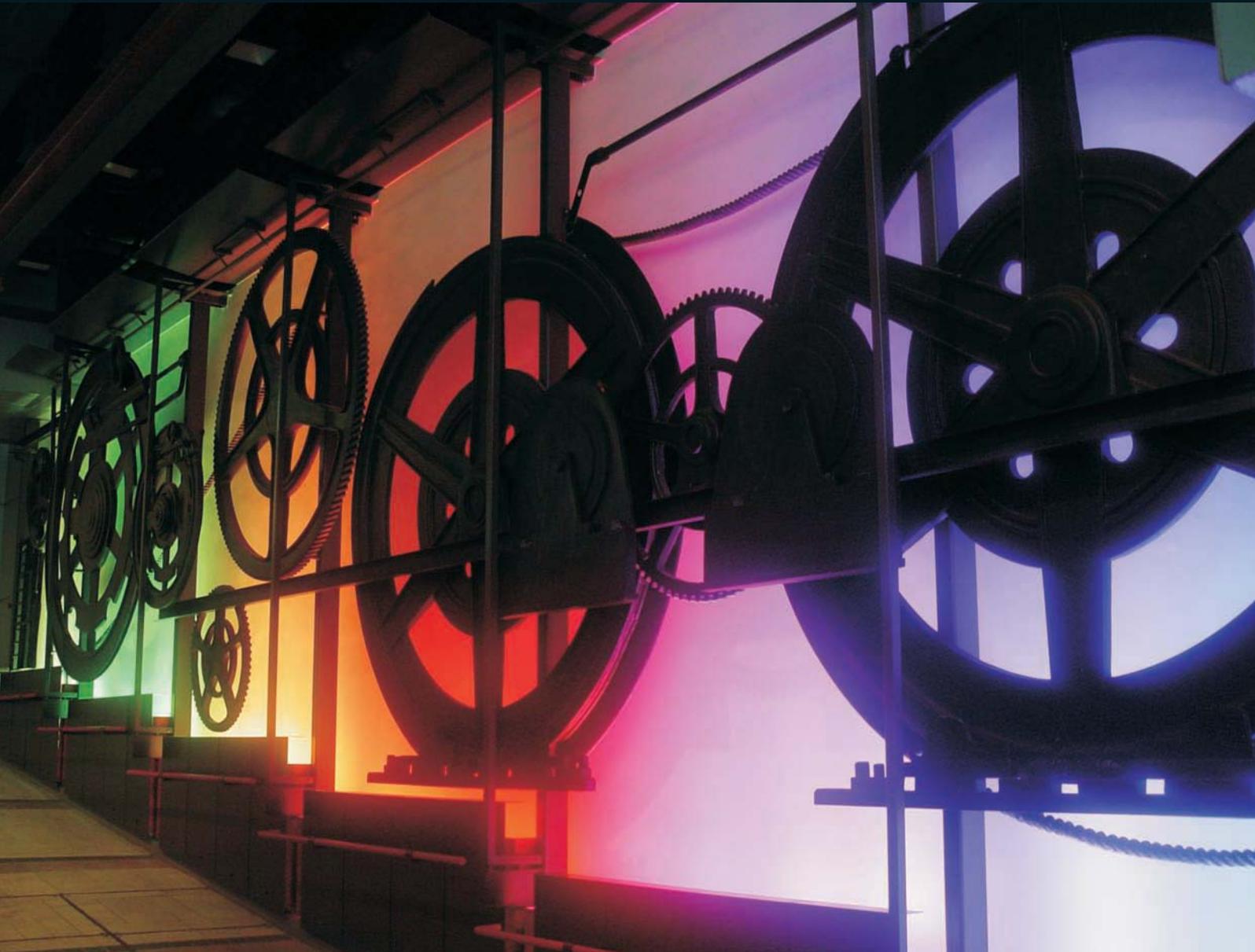
Material of Shell: aluminum alloy
 Rotary angle: 180°
 Input Voltage: 100~256V AC
 Operating Voltage: 12V DC/24V DC
 Operating Temperature: -20 °C~40 °C
 Function: 7 single steady colors and 7 color flashing, 7 color fading, 7 color jumping, master slave mode.
 Independent mode: choose the effects that you need by button on the side
 DMX mode: International standard DMX512 signal control (3XLR)



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LED DMX BALL

Stylish RGB 30cm LED-BALL containing 63 pcs high brightness LEDs. Many applications possible: discotheque, DJs, hiring companies, exhibition booths etc. No flicker and very smooth RGB color changes thanks to high freq. dimming electronics.

LED-DB-31CM

STANDARD SPECIFICATION

Size: L310*W310*H320mm

Weight: 1.2kgs

Beam angle: 180°

Input Voltage: DC 12V / AC 100V~240V

Power: 3 Watts(Max.)

Protection Rating: IP20

Functions: Seven color fading or controller by DMX signal.



LED PAR64



LED-PAR64-S



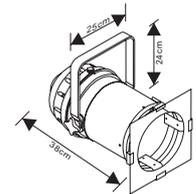
LED-PAR64-L

LED Par 64 Can with RGB Color mixing. 3 DMX channels and built-in programs are available. Very smooth projection on walls with rich palates of color created by mixing the Red, Green and Blue LEDs. which can generate various color changing effects, such as flashing, fading, steady, seven color jumping synchronously etc.

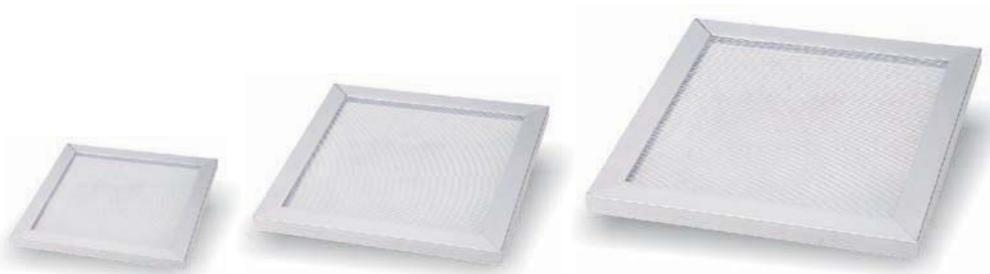
ITEM Number	LED Quantity	Project Distance
LED PAR64-230V-R-IP65	189 Red Ø 8mm	10M
LED PAR64-230V-Y-IP65	189 Yellow Ø8mm	10M
LED PAR64-230V-G-IP65	189 Red Ø 8mm	10M
LED PAR64-230V-B-IP65	189 Blue Ø 8mm	10M
LED PAR64-230V-W-IP65	189 White Ø 8mm	10M
LED PAR64-230V-P-IP65	189 Pink Ø 8mm	10M
LED PAR64-230V-DMX	R 57,G 69,B 63. Ø8mm	10M
LED PAR64-36P-R	36 Power LEDs/Red	20M
LED PAR64-36P-Y	36 Power LEDs/Yellow	20M
LED PAR64-36P-G	36 Power LEDs/Green	20M
LED PAR64-36P-B	36 Power LEDs/Blue	20M
LED PAR64-36P-W	36 Power LEDs/White	20M
LED PAR64-36P-DMX	R 12,G 12,B 12 Power leds	20M

STANDARD SPECIFICATION

Size:L210*W210*H470mm
 Material of Shell: aluminum alloy
 Weight:2.6kgs
 Beam angle: 30°
 Input Voltage : 100V~240VAC
 Operating Voltage : 12V DC
 Operating Temperature : -40° C ~60° C



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LED PANEL



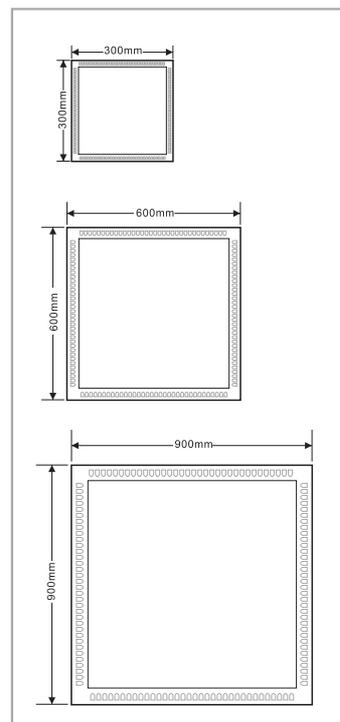
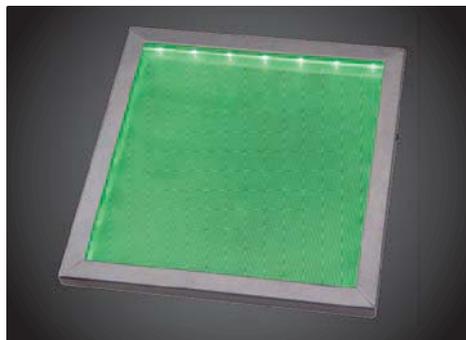
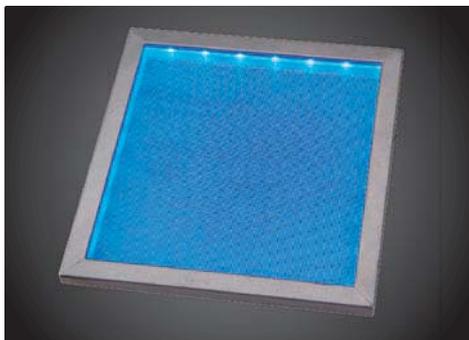
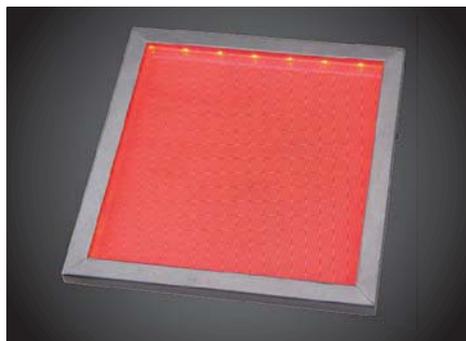
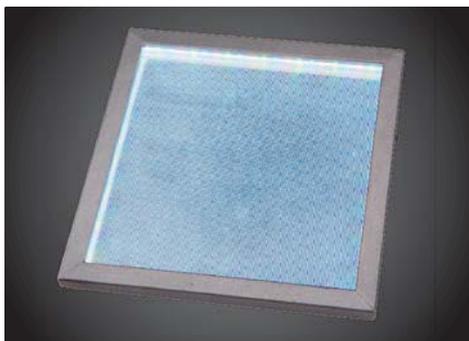
LED-PAN-30X30

LED-PAN-60X60

LED-PAN-90X90

STANDARD SPECIFICATION

Beam Angle:30°
Frame material: Aluminum Alloy
Operating temp.: -20°C~+45°C
Operating humidity:0~90%
Working volt.:24V DC
Protection: IP20&IP44
Controller:CTR-RGB-24V
DMX-MODULE



LED-PAN-50x50

STANDARD SPECIFICATION

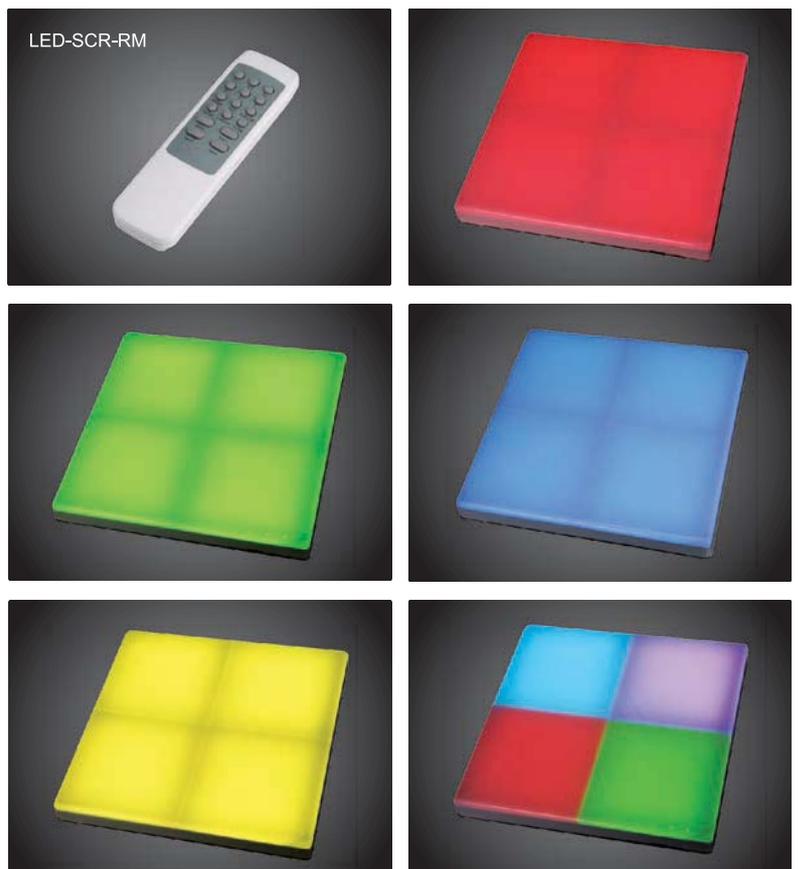
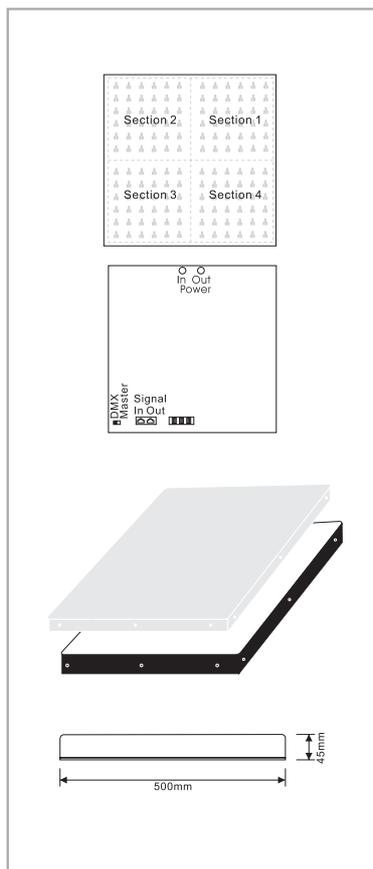
LED: 432PCS (R-144, G-144, B-144)
Luminous Flux: 150LM
Working temperature: -20°C to +45°C
Working moisture: 0-95%
Input Voltage: AC 100V/240V
Working voltage: 24VDC
MAX Power: 36W
Material: Milky ABS
Size : L500*W500*H45mm (Indoor Use)
Net Weight: 3kg

Control mode

Single control: Remoter (Independent mode)
External Controller : DMX 512 controller (DMX mode)
DMX Addressing : Generated by Remoter
Input/output signal connecting port: RJ45 crystal terminal

Function

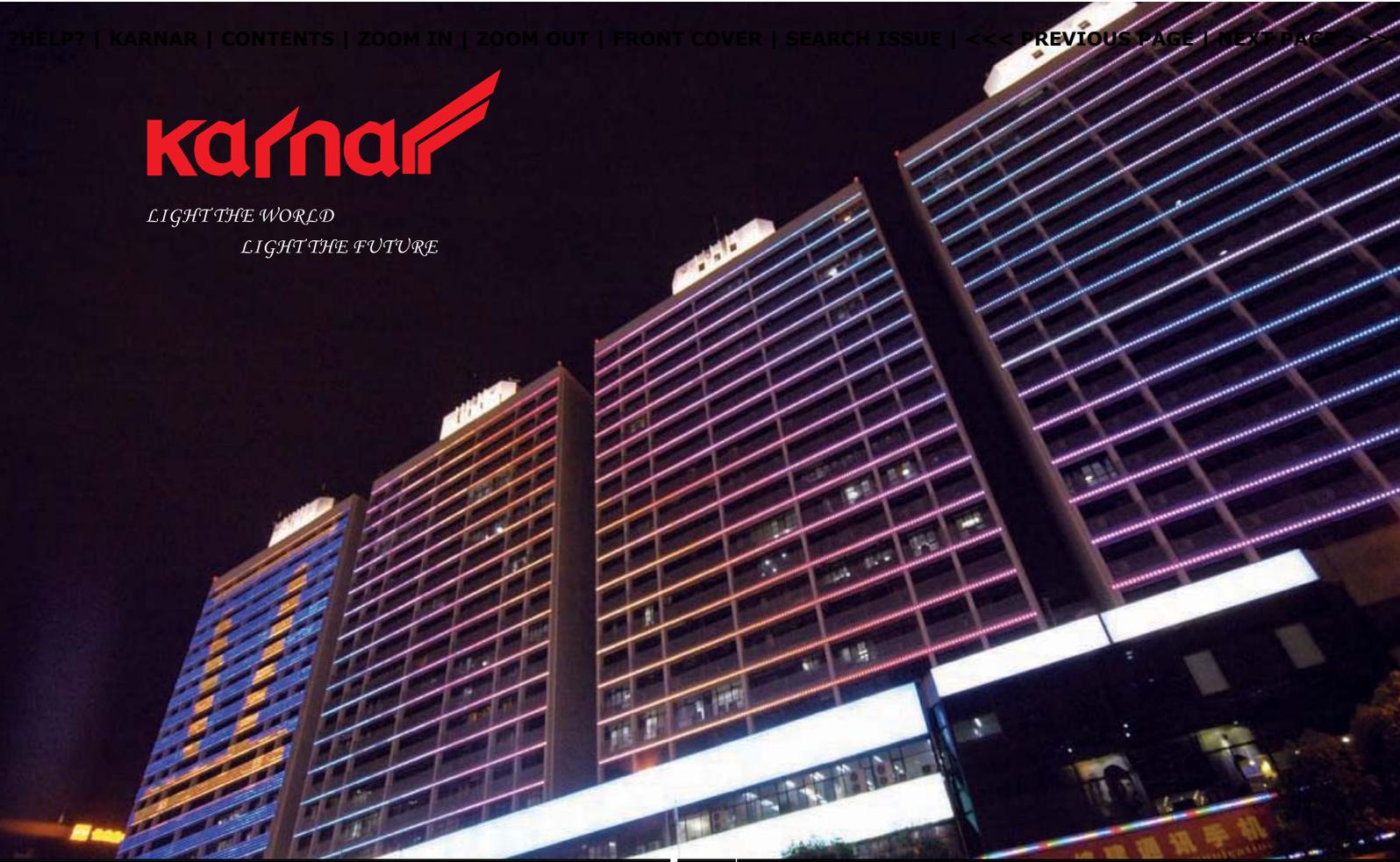
Fixed color: single color display in red, green, yellow, blue, purple, white and so on.
Color change: Seven color changing, Seven Color flashing, Seven Color fading,
Color changing (more than 1pc LEDPANEL)



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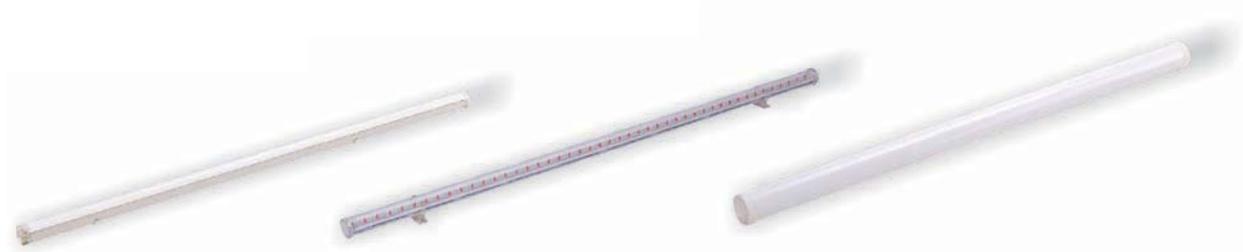
LIGHT THE FUTURE





LIGHT THE FUTURE

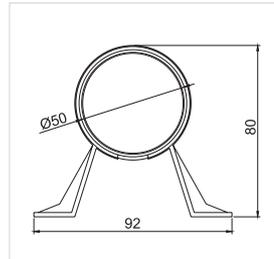
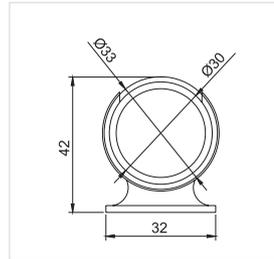
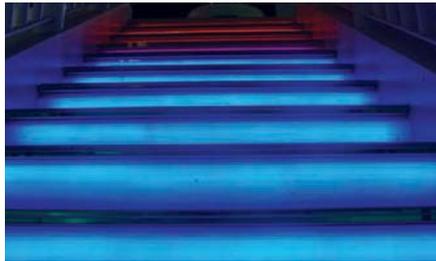
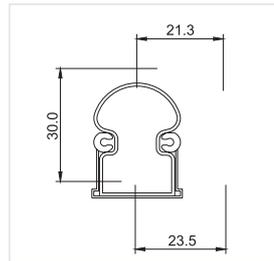
LED NEON TUBE



LNT-T-Ω21mm-L100cm

LNT-T-O32mm-L100cm

LNT-T-O50mm-L100cm



LNT-T-Ω 21mm-L100cm

LED:144pcs(R-48,G-48,B-48)
 Beam Angle:120°
 Working temp.: -20°C~+45°C
 Working humidity:0~95%
 Input Volt.:120V/240V AC
 Power consumption:14.4Watts/m
 Color of tube:Milky white
 Dia:21mm/Ω-shaped
 Length of tube:100cm
 Waterproof:IP20
 Connective terminal:4pins
 Controller:CTR-RGB-120V/240V

LNT-T-O32mm-L100cm

LED:138pcs(R-46,G-46,B-46)
 Beam Angle:80X45°
 Working temp.: -20°C~+45°C
 Working humidity:0~95%
 Volt.:24V DC
 Power consumption:11.28Watts
 Color of tube:Clear tube
 Dia: Ø 32mm/O-shaped
 Length of tube:100cm
 Waterproof:IP20
 Connective terminal:4pins
 Controller:CTR-RGB-24V

LNT-T-O50mm-L100cm

LED:144pcs(R-48,G-48,B-48)
 Beam Angle:120°
 Working temp.: -20°C~+45°C
 Working humidity:0~95%
 Volt.:120V/240V AC
 Power consumption:14.4 Watts
 Color of tube:Milky white
 Dia: Ø 50mm O-shaped
 Length of tube:100cm
 Waterproof: IP44
 Connective terminal:4pins
 Controller:CTR-RGB-24V



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LED NEON TUBE-DIGITAL TYPE



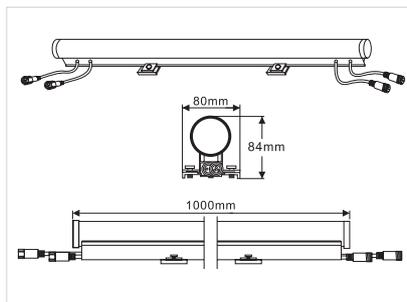
LNT-D-O50mm-L100cm



STANDARD SPECIFICATION

LED:144pcs(R-48,G-48,B-48)
Beam Angle:120°
Working temp.: -20°C~+45°C
Working humidity:0~95%
Input Volt.:120V/240V AC
Power consumption:15.6 Watts/m
Color of tube: Milky white
Dia of tube:50mm/O-shaped
Length of tube:100cm
Waterproof:IP44
Connective terminal:
2pins for Powerextension use
3pins for signalextension use
Controller:CTR-RGB-12V

Note:
With aluminium base & power supplier.





LNT-V-O50mm-L50cm



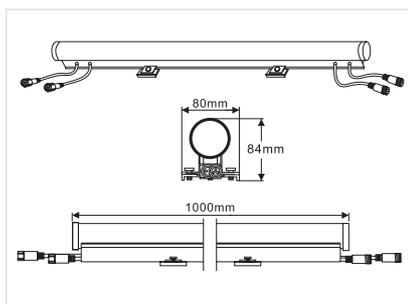
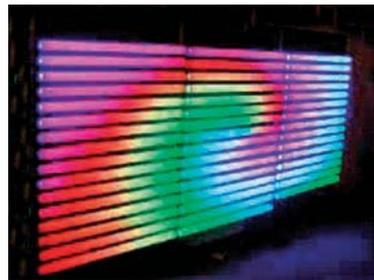
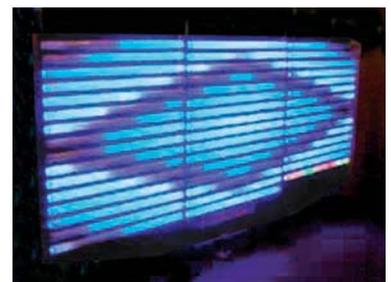
LNT-V-O50mm-L100cm

LNT-V-O50mm-L50cm

LED: 72pcs(R-24, G-24,B-24)
 Beam Angle: 120°
 Working temp.: -20°~45°
 Working Humidity: 0~95%
 Input Volt.: 120V/240V AC
 Power: 7.8W/m
 Color of tube: Milky white
 Dia: 50mm /O-shaped
 Length: 50cm
 Waterproof: IP44
 With aluminium base&Power supplier
 Connective terminal:
 2pins for Power extension use
 4pins for signal extension use

LNT-V-O50mm-L100cm

LED: 144pcs(R-48, G-48,B-48)
 Beam Angle: 120°
 Working temp.: -20°~45°
 Working Humidity: 0~95%
 Input Volt.: 120V/240V AC
 Power: 15.6W/m
 Color of tube: Milky white
 Dia: 100mm /O-shaped
 Length: 50cm
 Waterproof: IP44
 With aluminium base&Power supplier
 Connective terminal:
 2pins for Power extension use
 4pins for signal extension use





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LL-FLASH-1

Base type:E14,E27,B22
 PC cover/base
 Input voltage: 12V/120V/240V AC
 Beam angle:120°
 Light source: LED(5mm)X12pcs
 Color range:red,green,yellow,blue.white
 Protection:IP44
 Flash mode:60flash/min,120flash/min



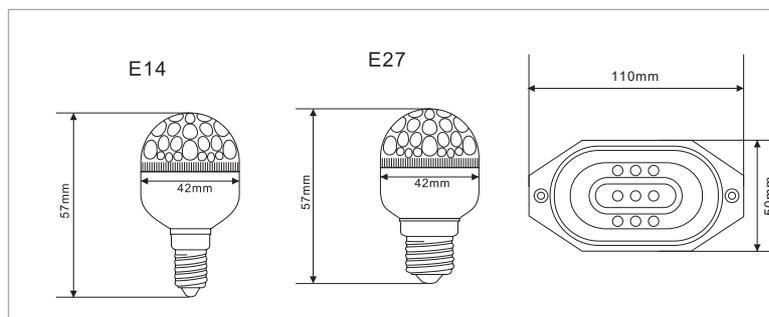
LL-FLASH-2

PC cover,ABS base
 Size:11X5.5X5cm
 Input voltage: 12V/120V/240V AC
 Beam angle:120°
 Light source: LED(5mm)X9pcs
 Color range:red,green,yellow,blue.white
 Protection:IP44
 Flash mode:60flash/min,120flash/min



LL-G42mm

Base type: E14,E27, B22 socket
 Plastic cover:PC
 Beam angle:30°
 Light source: LED(dia:5mm)X12pcs
 Input voltage: 12V/120V/240V AC
 Power:0.8W/2W/4W
 Protection:IP44
 Color range: white,blue,green,red,yellow



LIGHT THE WORLD **karnar**
LED LAMP



LL-1x1W/1X3W



LL-3x1W



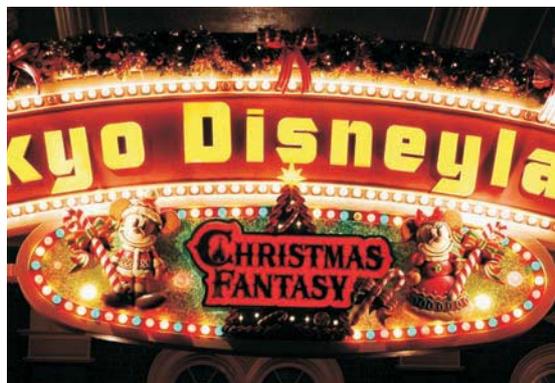
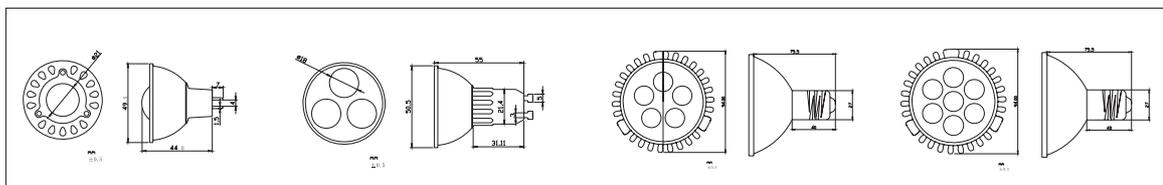
LL-5x1W



LL-7x1W

Part No.	LEDs	Beam angle	Colors&Luminous Flux(Max Lux)				Weight(g)	
LL-1X1W-xx-yy	1x1W	30°	40~60	10~15	30~50	30~50	50~70	63
LL-1X3W-xx-yy	1x3W	45°	80~100	20~25	70~90	70~90	90~110	63
LL-3X1W-xx-yy	3x1W	45°	150~180	25~40	100~130	100~130	150~200	60
LL-5X1W-E27-110~240	5x1W	45°		200~250				250
LL-7X1W-E27-110~240	7x1W	45°		280~350				250

Note:1. xx are socket type, there are MR16, GU5.3, E27, GU10.
2. yy are input voltage. All are 110~240V except GU5.3 is AC/DC 12V.
3. For white color, there are 3 color temperature, they are 3000~5000K, 6000~8000K and 9000K.



LED LAMP



LL-36SMD-E27



LL-36SMD-GU10

STANDARD SPECIFICATION

Lamp Base: E27, B22 (GU10 available)
 Shell Material: High strength glass Radiating rib material: Aluminum alloy
 Color Temp.: 3200K, 5000K
 Rated Volt.: 110~240V
 Indoor or outdoor use.
 Other available other Color: Red, Yellow, Green, Blue
 Power: 2.3W

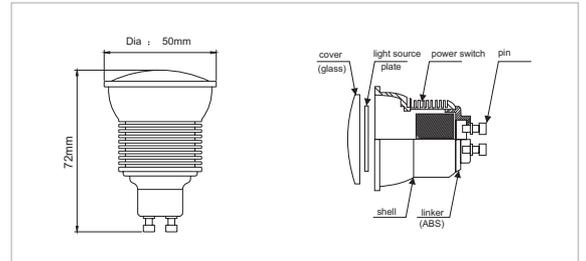
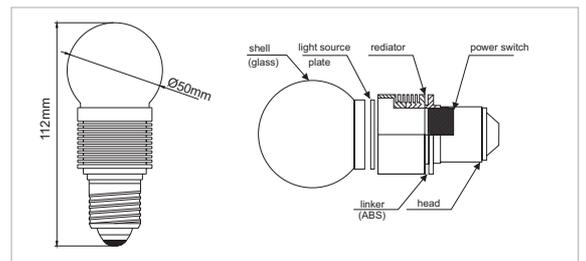
ITEM NO.	SOURCE	ANGLE	LUM.(Lm)
LL-36-E27-SMD	6x6 SMD	60°	120-140
LL-36-B22-SMD	6x6 SMD	60°	120-140
LL-36-GU10-SMD	6x6 SMD	60°	120-140



36PCS SMD



OTHER SHAPE



LIGHT THE WORLD **karnar**
LED LAMP



LL-PAR30-120V/240V

Base type: E27 socket
Cover: Glass
Beam Angle: 30°
Light source: LED/5mm 36pcs
Input Volt.: 120V/240V AC
Power: 2.2W/4.4W
Protection: IP44
Color range: white, blue, green, red, yellow, pink, purple, multicolor (IC inside)



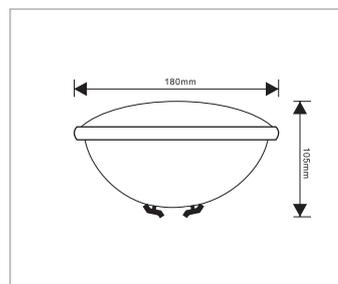
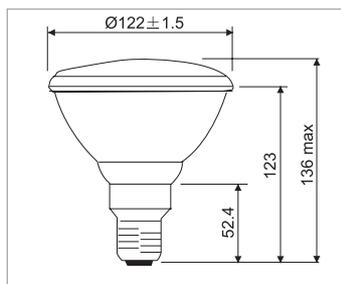
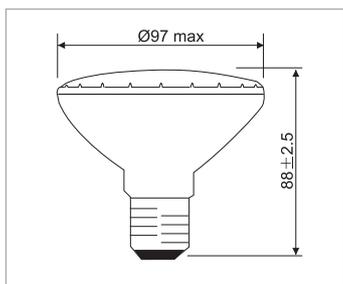
LL-PAR38-120V/240V

Base type: E27 socket
Cover: Glass
Beam Angle: 30°
Light source: LED/5mm 60pcs
Input Volt.: 120V/240V AC
Power: 2.2W/4.4W
Protection: IP44
Color range: white, blue, green, red, yellow, pink, purple, multicolor (IC inside)



LL-PAR56-12V

Glass Cover
Beam Angle: 30°
Light source: LED/5mm 108pcs/252pcs
Input Volt.: 12V AC
Power: 8.64W/20.2W
Protection: IP68
Color range: white, blue, green, red, yellow, pink, purple, multicolor (IC inside)



LED CANDLE LIGHT



LCL-01

Size: \varnothing 73X80mm
Structure: Plastic Shell+2LED light
Power source: 2XAAA battery



LCL-02

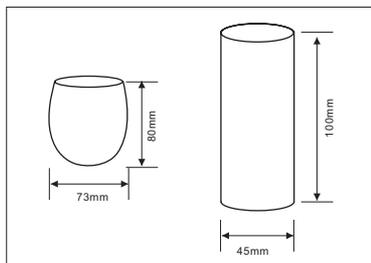
Size: \varnothing 45X100mm
Structure: Plastic Shell+2LED light
Power source: 2XAAA battery

● **CHARACTERISTIC:**

This is the latest LED environment protection product developed by our company. Compared with the traditional candle, there are some virtues as below.
Environment protection; avoid to occur the flame keep a long light, 10 to 20 times as long as the candle.
It is suitable for all kinds of candle holders, also be used as night light, or decoration sorts of colors.

● **FEATURES:**

Last 8 days (192 hours) continuous on a set of 2 AAA batteries
Flame flickers like real candle
No smoke or carcinogenic to worry about
No fire hazard or burning
No hot wax to deal with
No flame to blow out in the wind
Typical LED lifetime: 100,000 hours
Frosted glass holder

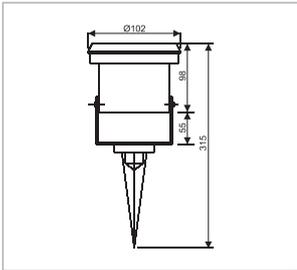


GIFT BOX

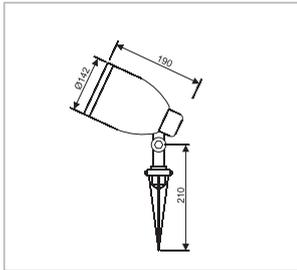


LED LAWN LIGHT

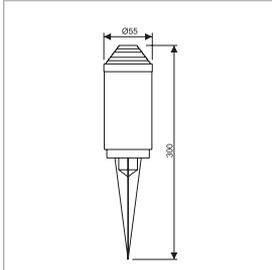
LLL-A-12V



LLL-B-12V



LLL-C-12V



LLL-A-12V

Size: \varnothing 102mm x H318mm
Steel cover & Aluminum base
LED: 24pcs(R-8, G-8, B-8)
Input Volt.: 12V AC(built-in program) or DC(outer controller)
Power consumption: 3W
Protection: IP44

LLL-B-12V

Size: \varnothing 142mm x H360mm
Aluminum cover & base
LED: 36 pcs(R-12, G-12, B-12)
Input Volt.: 12V AC(built-in program) or DC(outer controller)
Power consumption: 3W
Protection: IP44

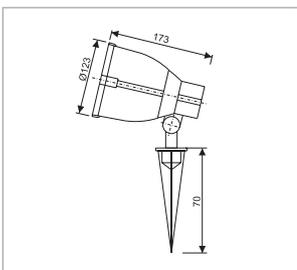
LLL-C-12V

Size: \varnothing 80mm x H300mm
Acryl tip & aluminum base
LED: 24pcs(R-8, G-8, B-8)
Input Volt.: 12V AC(built-in program) or DC(outer controller)
Power consumption: 3W
Protection: IP44

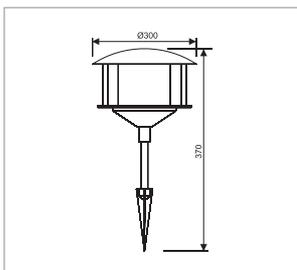
LLL-D-12V

Size: \varnothing 123mm x H230mm
Aluminum cover & base
LED: 60pcs
(R-20, G-20, B-20)
Input Volt.: 12V AC(built-in program) or DC(outer controller)
Power consumption: 3W
Protection: IP44

LLL-D-12V

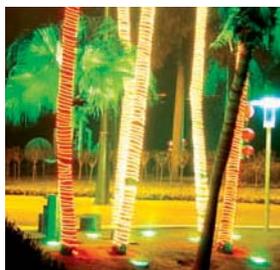
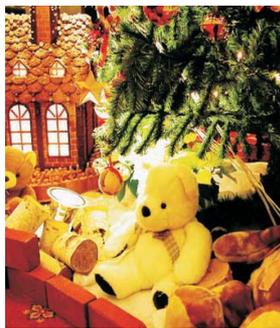


LLL-E-12V



LLL-E-12V

Size: \varnothing 300mm x H370mm
Aluminum cover & base
LED: 36pcs(R-12, G-12, B-12)
Input Volt.: 12V AC(built-in program) or DC(outer controller)
Power consumption: 3W
Protection: IP44



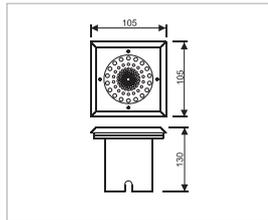
LED UNDERGROUND LIGHT

LUL-A-12V



LUL-A-12V

Size: \varnothing 105mm x H130mm
 Steel cover & Aluminum base
 LED: 24pcs(R-8, G-8, B-8)
 Input Volt.: 12V AC(built-in program)
 or DC(outer controller)
 Power consumption: 3W
 Protection: IP65

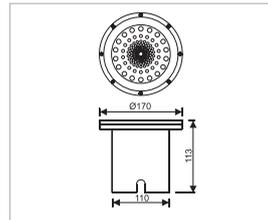


LUL-B-12V



LUL-B-12V

Size: \varnothing 170mm x H113mm
 Steel cover & Aluminum base
 LED: 45pcs(R-15, G-15, B-15)
 Input Volt.: 12V AC(built-in program)
 or DC(outer controller)
 Power consumption: 3.6W
 Protection: IP65

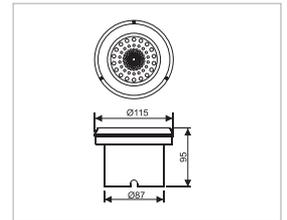


LUL-C-12V

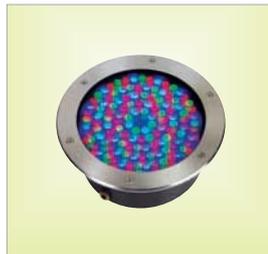


LUL-C-12V

Size: \varnothing 115mm x H95mm
 Steel cover & Aluminum base
 LED: 36pcs(R-12, G-12, B-12)
 Input Volt.: 12V AC(built-in program)
 or DC(outer controller)
 Power consumption: 3W
 Protection: IP65

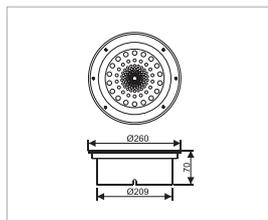


LUL-D-120V/240V



LUL-D-120V/240V

Size: \varnothing 260mm x H70mm
 Steel cover & Aluminum base
 LED: 120pcs(R-40, G-40, B-40)
 Input Volt.: 120V/240V AC
 (built-in program)/DC(outer controller)
 Power consumption: 13.8W
 Protection: IP65

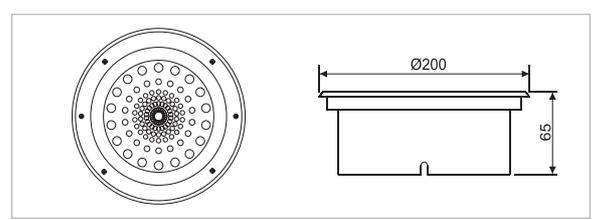


LUL-E-120V/240V



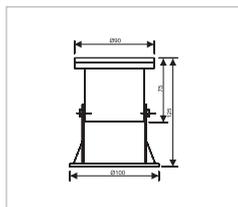
LUL-E-120V/240V

Size: \varnothing 200mm x H65mm
 Steel cover & Aluminum base
 LED: 120pcs(R-40, G-40, B-40)
 Input Volt.: 120V/240V AC
 (built-in program)/DC(outer controller)
 Power consumption: 13.8W
 Protection: IP65

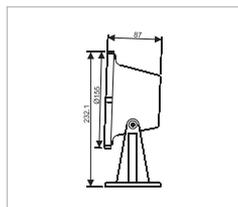


LED POOL LIGHT

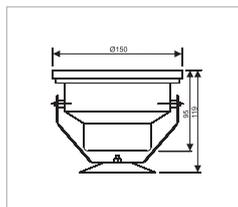
LPL-A-12V



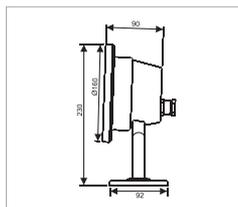
LPL-B-12V



LPL-C-12V



LPL-D-12V



LPL-A-12V

Size: Ø90mm x H125mm
Steel cover & base
LED: 36pcs(R-12, G-12, B-12)
Input Volt.: 12V AC(built-in program)
Power consumption: 3W
Protection: IP68

LPL-B-12V

Size: Ø155mm x H232mm
Steel cover & base
LED: 63pcs(R-21, G-21, B-21)
Input Volt.: 12V AC(built-in program)
Power consumption: 5W
Protection: IP68

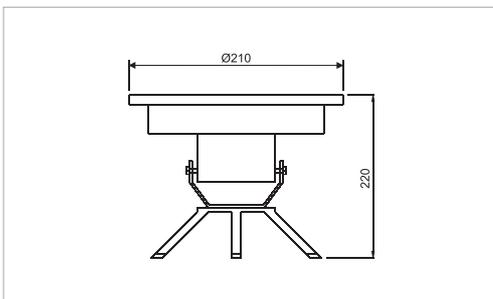
LPL-C-12V

Size: Ø160mm x H230mm
Steel cover & base
LED: 45pcs(R-15, G-15, B-15)
Input Volt.: 12V AC(built-in program)
Power consumption: 3.6W(maxi.)
Protection: IP68

LPL-D-12V

Size: Ø150mm x H119mm
Steel cover & base
LED: 63pcs(R-21, G-21, B-21)
Input Volt.: 120V/240V AC(built-in program)
Power consumption: 5W(maxi.)
Protection: IP68

LPL-E-12V



LPL-E-12V

Size: Ø210mm x H220mm
Aluminum cover & base
LED: PAR56 lamp 108/252
Input Volt.: 12V AC(built-in program)
Power consumption: 9W(maxi.)
Protection: IP65



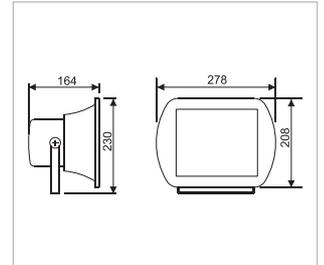
LFL-A024-1

LFL-A024-1
 LED: 120pcs 8mm LED
 Input Volt.: 120V/240V
 Power: 12W
 Materials: Aluminum Alloy
 Spot distance: 15m
 Protection: IP44



LFL-A024-2

LFL-A024-2
 LED: 11pcs powerLED/1W
 Input Volt.: 120V/240V
 Power: 19.2W
 Materials: Aluminum Alloy
 Spot distance: 25m
 Protection: IP44



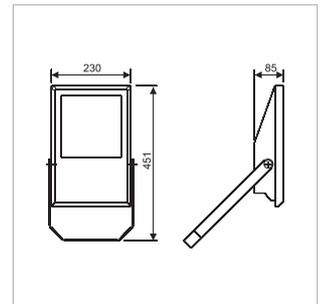
LFL-A025-1

LFL-A025-1
 LED: 225pcs 5mm LED
 Input Volt.: 120V/240V
 Power: 19.2W
 Materials: Aluminum Alloy
 Spot distance: 15m
 Protection: IP44



LFL-A025-2

LFL-A025-2
 LED: 13pcs power LED/1W
 Input Volt.: 120V/240V
 Power: 24W
 Materials: Aluminum Alloy
 Spot distance: 25m
 Protection: IP44



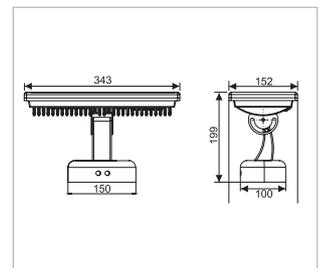
LFL-WW-1-360

LFL-WW-1-360
 LED: 360pcs 5mm LED
 Input Volt.: 120V/240V
 Power: 35.2W
 Materials: Aluminum Alloy
 Spot distance: 20m
 Protection: IP65



LFL-WW-1-36P

LFL-WW-1-36P
 LED: 36pcs power LED/1W
 Input Volt.: 120V/240V
 Power: 50W
 Materials: Aluminum Alloy
 Spot distance: 35m
 Protection: IP65

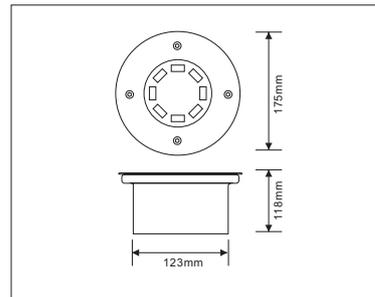


LED SOLAR LIGHT

LS-01

STANDARD SPECIFICATION

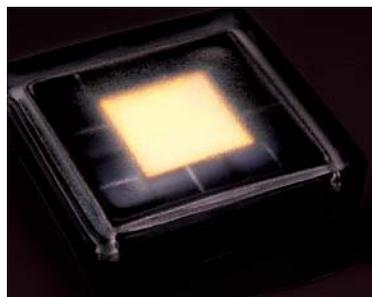
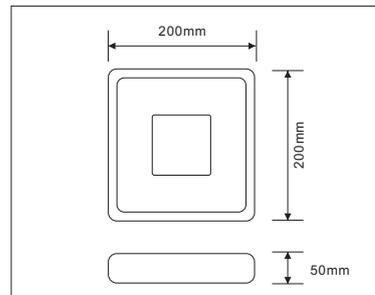
1. Solar cell: Solar Cell, 2.0V/180mA
2. Storage battery: Ni-Cd 1.2V/3000mAh
3. Lightsource: Constant light model 6pcs LEDs
4. Color range: red, green, blue, white, yellow
5. Work time: With a complete charged can go on working about 30-36Hs For the varyin light model can continue working for 18-24Hs
6. Heat Resistance: -40°C ~ +80°C
7. Materials
8. WEIGHT: 1.4kg
9. Protection: IP65
10. Character: No wiring Stainless steel with tempered glass top cover Long illuminating time Energy saving design



LS-02

STANDARD SPECIFICATION

1. Solar cell: 2.0V/480mA
2. Storage battery: Ni-Cd 1.2V/3000 mAh
3. LED lamp: 8 super bright LEDs
4. Color range: red, green, blue, white, yellow
5. Materials: boron-silicon glass
6. Protection: IP68
7. Weight: 3.0Kg
8. Illuminating time: 30-40 hours (under standard intensity condition 12 hours charging)
9. Heat Resistance: -20°C to +80°C
10. Character: No wiring Solid and crystal glass brick shell Excellent waterproof property Long illuminating time Energy saving design Solar glass brick is widely fixed in ponds and pools, bathes, yards, gardens, walkway, road, square, lawn, park etc.





LS-RS-1



LS-RS-2

LED SOLAR ROADSTUD absorbs solar energy from solar panel and turns it into electricity, which will be stored in built-in battery. It turns off during daytime, and automatically starts lighting during night or bad weather (light control). Idea for traffic use. It is used for surface of the road, such as roads centerline, double yellow lines, stoplines.

STANDARD SPECIFICATION

View distance: 300M(LS-RS-1), 1000M(LS-RS-2)

Solar panel: Mono/Poly silicon 2.0V 100mA

Storage battery: NI-MH, 1.2V/1000mAh, lifetime is 3-5year

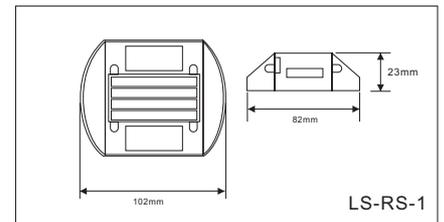
Light sources: 4pcs Ø5mm yellow.(red,blue,green,white)

Light mode: Flash, 100times/min ±20%

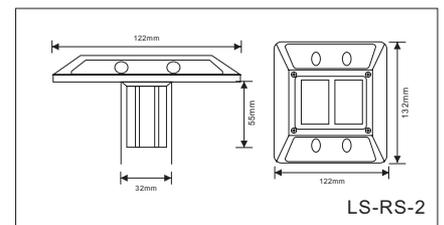
Control: Auto-light control. By environmental luminosity

Note:

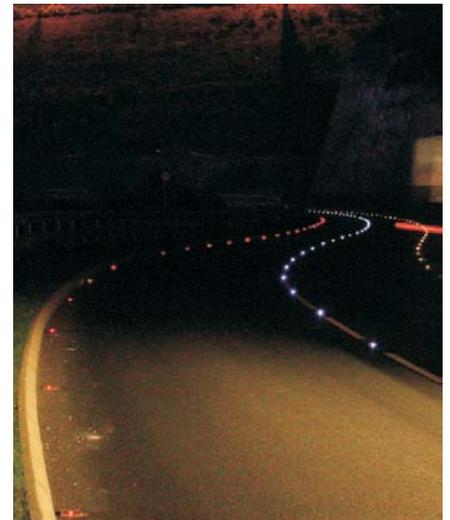
1. For LS-RS-2, Built-in battery can be replaced to prolong another 3~5 years lifetime. No need to take stud out from road when replacing.
2. Charge one day, road stud could be used for 3~4 nights. After fully charged, could be used for 12~15 days continuously under cloudy and rainy time.

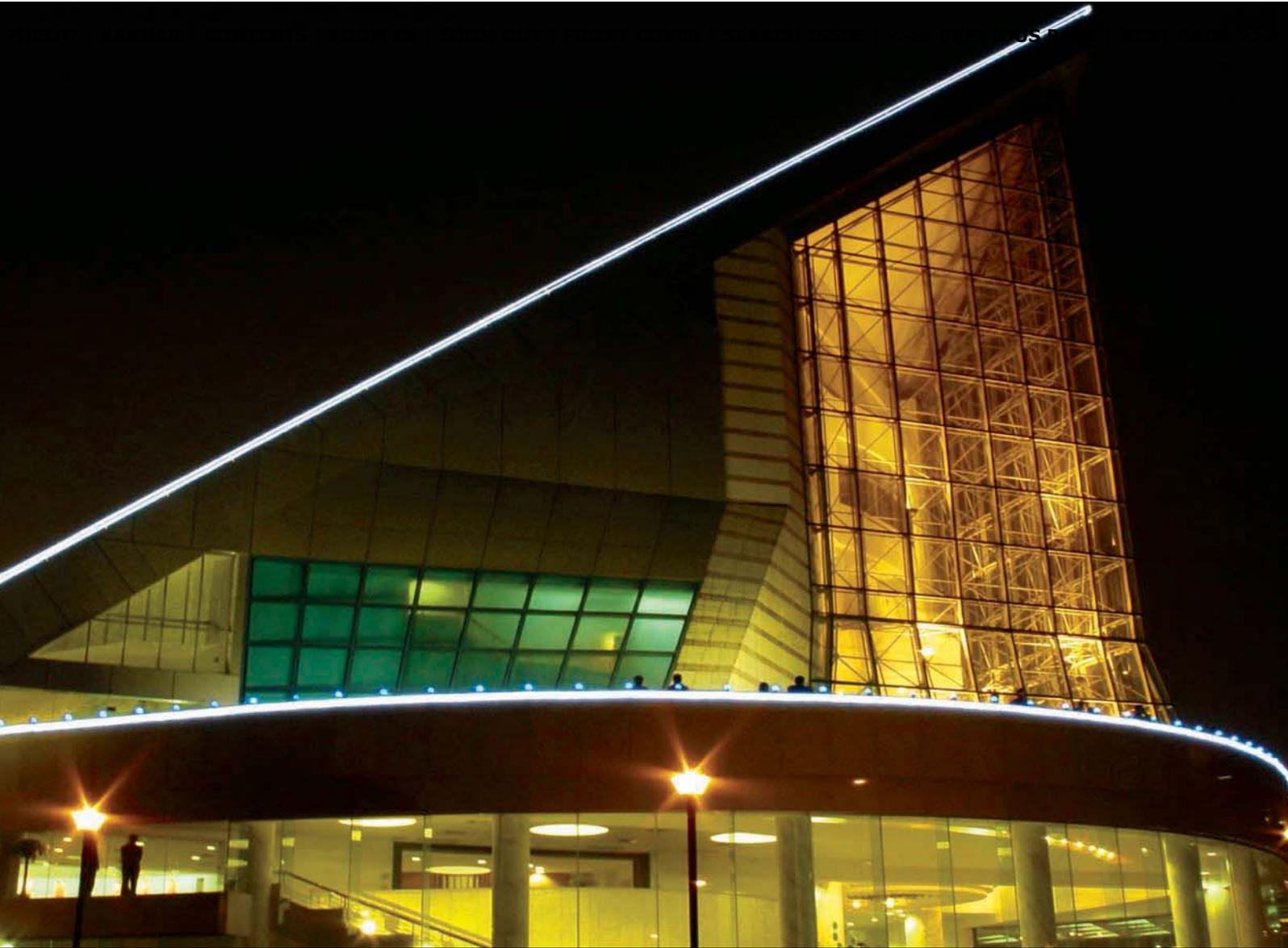


LS-RS-1



LS-RS-2





Karnar

LIGHT THE WORLD

LIGHT THE FUTURE



LIGHT THE FUTURE

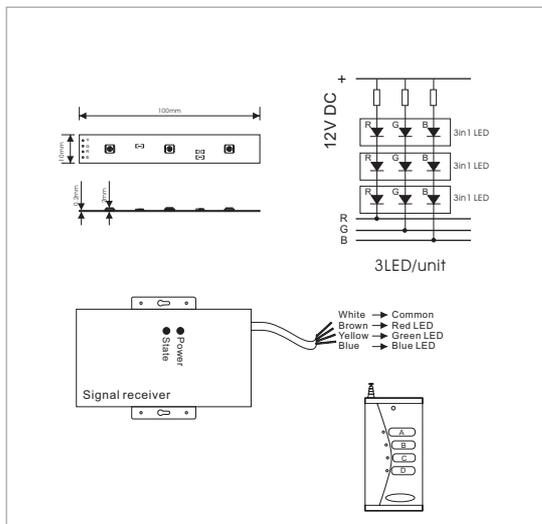
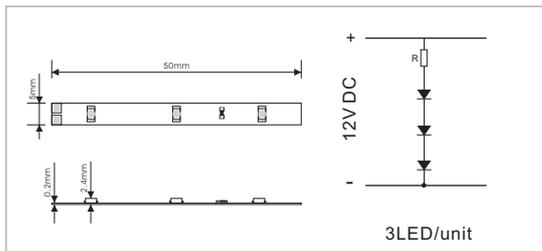
LED SOFT STRIP

Item Number	LED-SS	LED-SS-RGB
Size:	8mm	10mm
Thickness:	0.25mm	0.2mm
Current/m:	0.4A	0.6A
LED:	R, G, B, Y,W	RGB(combined chips)
LED qty/m:	60LEDs	30LEDs

LED SOFT STRIP

LED SOFT STRIP adopts a much soft PCB board as a base. Luminous body of this product is high brightness SMD. Three SMD LED makes a group. Each group can be cut according to the length requirement. Available colors: red, yellow, blue, green, cold white and warm white. It is mainly used for architecture decoration.

packing: 5 meter/Roll
Working volt.: 12VDC



LIGHT THE WORLD **karnar**

LED SOFTLIGHT



LED-SL-2W-13mm

Dia: 13mm
Structure: Vertical
Led: 36pcs/meter

LED-SL-3W-13mm

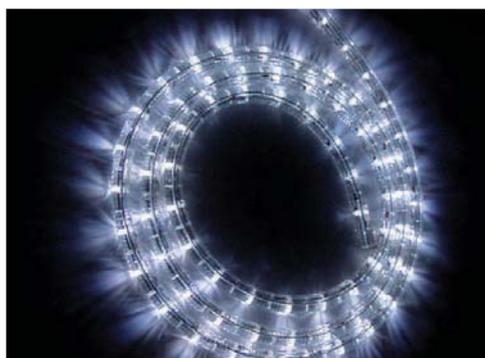
Dia: 13mm
Structure: horizontal
Led: 36pcs/meter

LED-SL-4W-14mm

Dia: 14mm
Structure: horizontal
Led: 36pcs/meter

LED-FSL-2W-11X18mm

Size: 11X18mm
Structure: Vertical
Led: 36pcs/meter

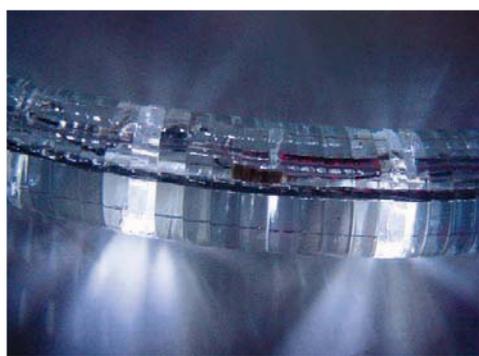


LED-FSL-3W-11X18mm

Size: 11X18mm
Structure: Vertical
Led: 72pcs/meter

LED-FSL-4W-11X22mm

Size: 11X22mm
Structure: Vertical
Led: 108pcs/meter





Specification in LED Softlight under various voltages

Voltage	Color	Quantity per unit	Unit length	Wattage per unit
12V	Red/Yellow	6pcs	0.17m	0.24W
	Blue/White/Green	3pcs	0.083m	0.24W
24V	Red/Yellow	12pcs	0.33m	0.48W
	Blue/White/Green	6pcs	0.17m	0.48W
100~120V	Red/Yellow	36pcs	1.0m	2.4W
	Blue/White/Green	36pcs	1.0m	2.4W
220~240V	Red/Yellow	72pcs	2.0m	4.8W
	Blue/White/Green	72pcs	2.0m	4.8W

All regular accessories are available for LED Softlight.

Motif series is advanced application for Softlight, which helps you to decorate bar, coffee shop, lobby, building etc. It also provides a great enjoy with any of your designs and colors.

BUILDING



NEW YEAR

KN-038 SIZE:100X400cm



NY-041 SIZE:350x185cm



NY-021 SIZE:350x185cm

KN-044 SIZE:130X350cm



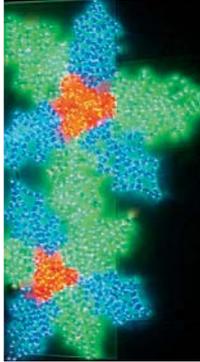
NY-025 SIZE:400x200cm



MOTIF SERIES

RGB-M-03

SIZE:50X150cm



RGB-M-03

SIZE:50X150cm



RGB-M-04

SIZE:50X150cm



RGB-M-04

SIZE:50X150cm



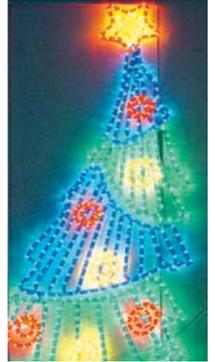
RGB-M-05

SIZE:50X150cm



RGB-M-05

SIZE:50X150cm



RGB-M-06

SIZE:50X150cm



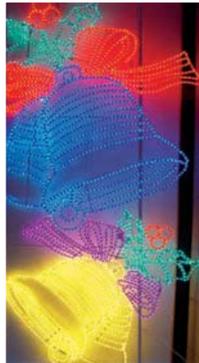
RGB-M-07

SIZE:50X150cm



RGB-M-07

SIZE:50X150cm



RGB-M-08

SIZE:50X150cm



RGB-M-08

SIZE:50X150cm



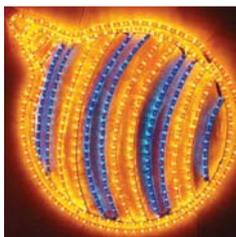
RGB-M-08

SIZE:50X150cm



RGB-E-01

SIZE:68x68cm



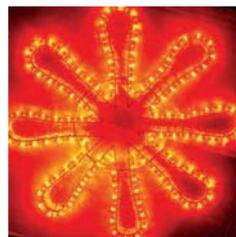
RGB-F-01

SIZE:68x68cm



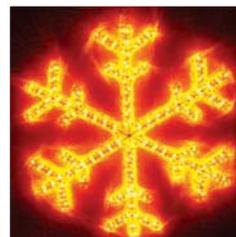
RGB-H-02

SIZE:68x68cm



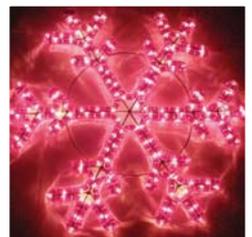
RGB-I-02

SIZE:68x68cm



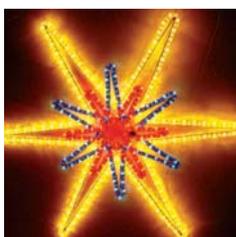
RGB-J-01

SIZE:68x68cm



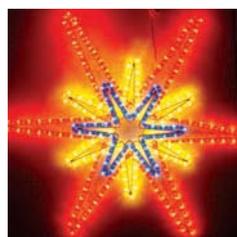
RGB-M-02

SIZE:68x68cm



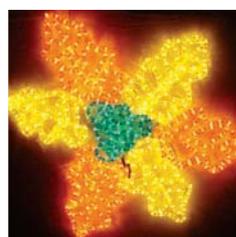
RGB-M-02

SIZE:68x68cm



RGB-M-09

SIZE:106X105cm



RGB-M-10

SIZE:125X130cm

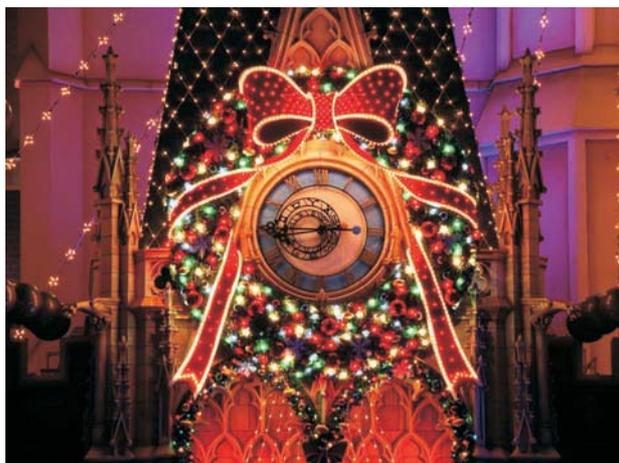


RGB-M-10

SIZE:125X130cm



Customer's designation for light string with any sizes and colors are welcome !

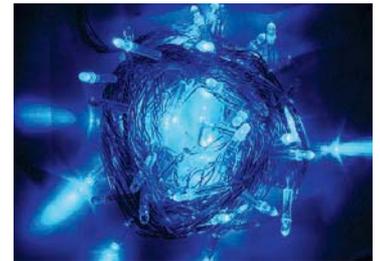
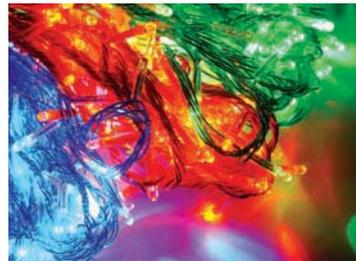


LED Decorative Light is one kind of upgraded substitute for traditional Decorative Light series. LEDs can be combined in any shape to produce desired lumen packages as the design goals and economics permit. In addition, LEDs can be considered miniature light fixtures; distribution of light can be controlled by the LEDs' epoxy lens, simplifying the construction of architectural fixtures designed to utilize LEDs. A controller can be connected to an LED fixture to selectively dim individual LEDs, resulting in the dynamic control of distribution, light output and color. Finally, DC power enables the unit to be easily adaptable to different power supplies.

Besides, LED Light Strings distinguishes itself from other miniature bulbs by its sharp and pure color. And light set made of LED is much more safe than normal ones also, because of less heat emitted and running on lower power.

LED TWINKLE LIGHT

- LED-TWL-96-5M-24V
- LED-TWL-144-8M-24V
- LED-TWL-180-10M-24V
- LED-TWL-120-6M-110V/230V
- LED-TWL-180-10M-110V/230V
- LED-TWL-240-12M-110V/230V



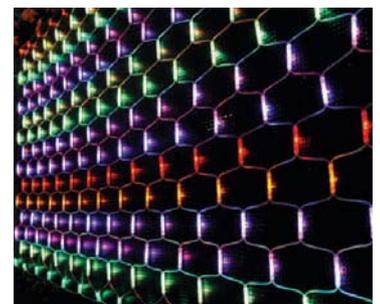
LED LIGHT STRING

- LED-LLS-36-4M-24V
- LED-LLS-60-6M-24V
- LED-LLS-80-8M-24V
- LED-LLS-60-6M-110V/230V
- LED-LLS-80-6M-110V/230V
- LED-LLS-120-12M-110V/230V
- LED-LLS-240-24M-110V/230V



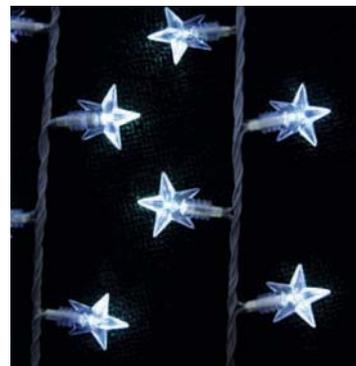
LED NET LIGHT

- LED-NL-C-72-24V-1.0×0.5M
- LED-NL-C-120-24V-1.8×1.2M
- LED-NL-C-150-24V-1.8×0.5M
- LED-NL-C-180-24V-2.5×1.2M
- LED-NL-S-120-230V-1.8×1.2M
- LED-NL-S-180-230V-2.5×1.2M
- LED-NL-S-150-230V-1.8×0.6M
- C-changing, S-steady



LED CURTAIN LIGHT

- LED-LLS-1925-110V/230V-1.5×2M
- LED-LLS-3725-110V/230V-3×2M
- LED-LLS-5725-110V/230V-5×2M
- LED-LLS-6024-110V/230V-6×2M



LED CHERRY LIGHT

LCH-1.7



LCH-2.0



LCH-3.6



LCH-6.0



LCH-8



LED cherry light is the newest decorative lights in the world. In the daytime, it looks like a real Cherry light while it is fabulous at night. There are other types of LED cherry lights such as table type, hanging type etc which can be used at home or in the garden. We supply special colorful box for table type in order to help our customers to sell in the market.

ITEM NO .	HEIGHT/DIA (M)	COLOR & POWER(W)				BRANCHES	LED NUMBER (pcs)
LCH-1.7	1.7/2.3	143	143	143	143	18	1728
		143	71.3	71.3	71.3		
LCH-2.0	2.0/2.3	190	190	190	190	24	2304
		190	95	95	95		
LCH-3.6	3.6/4.3	380	380	380	380	32	6912
		380	380	380	380		
LCH-6	6/4.3	380	380	380	380	32	6912
		380	380	380	380		
LCH-8	8/6	633	633	633	633	40	12320
		633	475	475	475		

*NOTE: VOLT.(V): 220/110V



LIGHT THE FUTURE

LED CHERRY LIGHT

LCH-BEND

LCH-TABLE

LCA-1.7

LCA-3.8



PACKAGE

ITEM NO .	HEIGHT/DIA (M)	COLOR & POWER(W)				BRANCH	LED NUMBER (pcs)
		48	48	48	48		
LCH-BEND	2/2	48	24	24	24	6	648
		48	24	24	24		
LCH-TABLE	0.8/0.8	12	12	12	12	1	224
		12	12	12	12		
LCA-1.7	1.7/1.6	79.2	39.6	39.6	39.6	10	960
		79.2	39.6	39.6	39.6		
LCA-3.8	3.8/3.8	79.2	39.6	39.6	39.6	32	6912
		79.2	39.6	39.6	39.6		

*NOTE: VOLT.(V): 220/110V

LIGHT THE WORLD



POWER SUPPLIER&CONTROLLER



LED-PS

LED Power Supplier
 Working Temperature: -10°C ~ 60°C
 Approval: UL & CE
 Protection: Short circuit, Overload, Over voltage protection
 Item Number Power : 50W ,100W ,150W,200W and 350W



CTR-RGB-12/24V

Dimmension: L360xW220xH68mm
 Weight: 3.2kgs
 Input Volt.: 120V/240V AC
 Output Volt.: 12V/24V DC
 Protection: IP20
 Power consumption: 8Watts
 Output port: 4pins connector (voltage output)
 Output power: 150W/300W
 With DMX 512input & output port
 Function: Manual , Roll, Auto and DMX mode



DMX-192C

POWER INPUT: DC+9~12V,300mA min
 Output: AC230V~50Hz (AC 120V~60Hz) 300Ma, DC 9V 300Ma
 Dimensions: 482X132X90mm
 Weight: 2.5Kg
 Function: 192DMX Channels, 30 Banks each,8 programmable scenes,built-in Microphone. MIDI interface,full programming for chase.



CTR-RGB-120/240V

Dimmension: L160xW150xH58mm
 Weight: 0.95kgs
 Input Volt.: 120V/240V AC
 Output Volt.: 120V/240V DC
 Protection: IP20
 Power consumption: 8Watts
 Output port: 4pins connector (voltage output)
 Output power: 660W/1320W
 With DMX 512input & output port (built-in programs)

<p style="text-align: center;">CTR-RM-DC</p> <p>Input volt.: 6/12/24 DC Output current: 12A Protection: IP20 Output port: 4pins connector (3 channels RGB) Remote distance:1000M</p>	
<p style="text-align: center;">CTR-DIGITAL-12V</p> <p>Dimmension: L190xW122xH52mm Weight: 0.75kgs Working Volt.: 12V DC Protection: IP20 Power consumption: 8Watts Output port: 3pins connector (Signal output) With DMX 512input & outputport (built-in programs)</p>	
<p style="text-align: center;">DMX-MODULE</p> <p>DMX-3CH-M:Dmxc module used 3 DMX channels, DMX Address:1-1024, Output:DC 6, 12,24V, Output current: 12A, Size:5.5x4x2.5cm</p> <p>DMX-EDITOR:Editor of DMX-3CH-M,change the DMXAddress by DMX signal.</p>	 <p style="text-align: center;">DMX-3CH-M</p> <p style="text-align: right;">DMX-EDITOR</p>
<p style="text-align: center;">USB-DMX-001</p> <p>Full function pc-dmxc controller, software support 19 languages Interface support 512dmxc channels, controllerby computer via USB interface. Size:9x8x4CM</p>	



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