SunTechLed

Focus on customized architectural lighting

Contents

LED Pixel Light Series

SPB018

Features

★ A new generation of dual-channel real-time backup control protocol
★ Standard DMX512 control protocol
★ Integrated wireless buckle, no joint anti-pull connection design
★ High thermal conductivity adhesive, fully potted and waterproof design
★ Special protection design for outdoor lightning protection and static electricity (ESD)
★ Product flexibility, wide application, multiple installation methods
★ Grid installation, strip installation and steel wire installation, light transmittance up to 90%
★ Innovative high-voltage work to support longer power supply distance
★ Support RGB/W current individually adjustable (low brightness and high gray)

Description

SPB018 pixel light is a low-power LED string light product specially designed for outdoor landscape lighting. It adopts engineering-grade flame-retardant plastic PC shell and is sealed with high thermal conductivity and weather-resistant PU glue for waterproofing; the lamp point is small in size and the appearance is exquisite; the lamp string is connected through the national standard customized flexible cable, which can be bent or deformed at will, and supports special-shaped elevation installation; Product spacing and color can be customized; suitable for large-area display or lighting such as building facades, bridges, and sky screens.
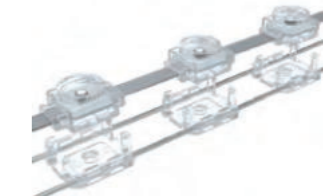
Product Size
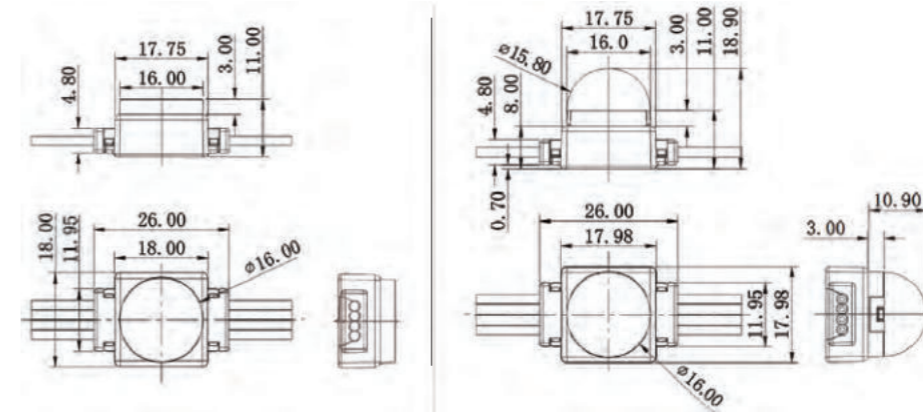
Flat cover size chart
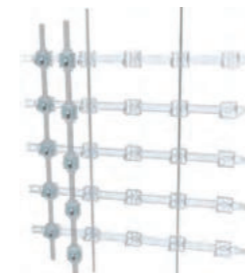
Ball cover size chart

Installation

Base installation

Steel wire + Base installation

Bar installation

Grid installation

Parameters

Color temperature: RGB/W
Gray level: 256 level/4096 level
LED type: 3535/5050/2835
LED Qty: 1pcs
Shell material: flame retardant PC
Beam angle: flat cover 120°/spherical cover 160°

Voltage: DC5V/12V
Maximum power: 0.3W/0.5W
Working temperature: -20°C to 50°C
Storage temperature: -20°C to 60°C
Protection level: IP67
Service life: 50,000 hours

Model No.

Item No.	LED Qty	LED type	Color temperature	Control way	Voltage	Power	Brightness
SPB018-01AU-01	1pcs	3535	RGB/W	Break continue	DC12V	0.3W	2.5cd
SPB018-01AU-02	1pcs	3535	RGB/W	Break continue	DC5V	0.3W	3.5cd
SPB018-01AE-01	1pcs	3535	RGB/W	DMX512	DC12V	0.3W	2.5cd
SPB018-01AE-02	1pcs	3535	RGB/W	DMX512	DC5V	0.3W	2.5cd
SPB018-01XT-01	1pcs	3535	RGBW	TTL	DC5V	0.3W	4.0cd

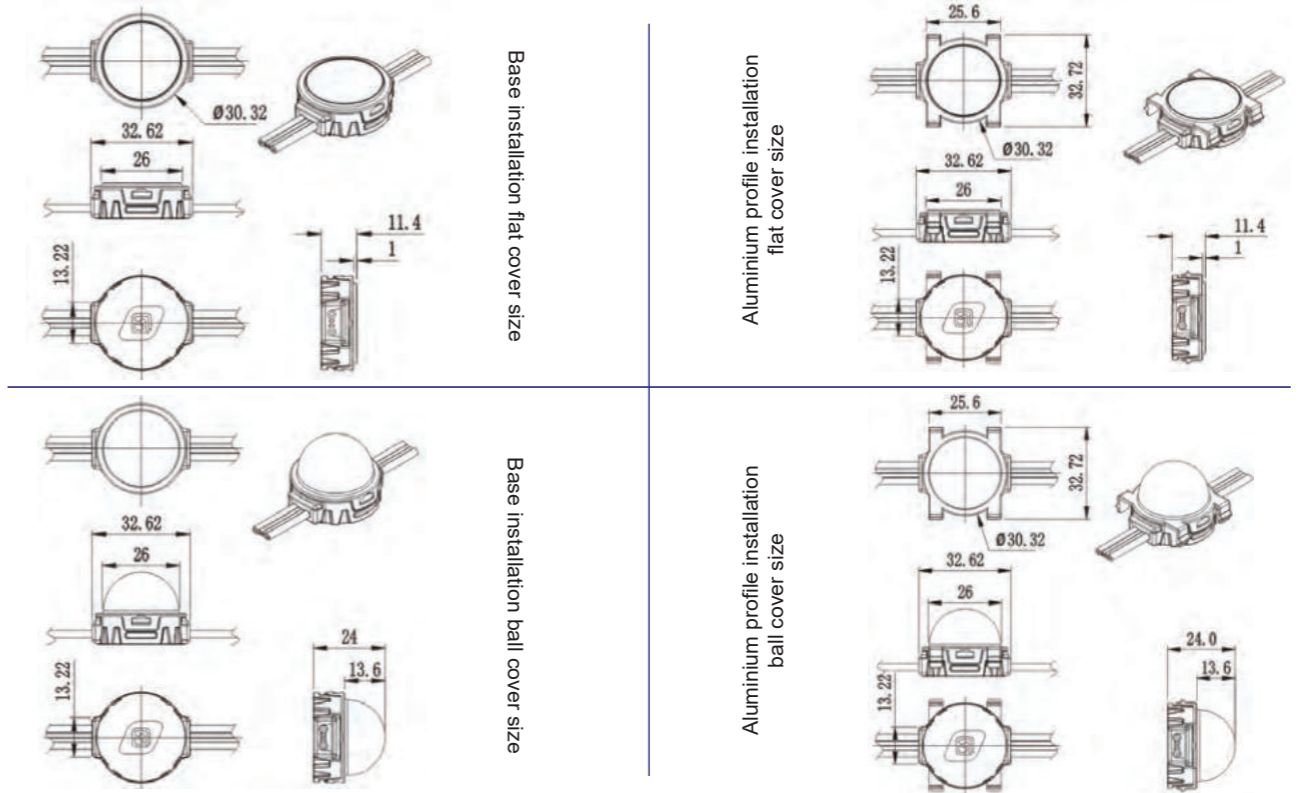# SPA030

IP67 | III | 5 years | CE | Color Full Color

Features

★ A new generation of dual-channel real-time backup control protocol
★ Standard DMX512 control protocol
★ Integrated wireless buckle, no joint anti-pull connection design
★ High thermal conductivity adhesive, fully potted and waterproof design
★ Special protection design for outdoor lightning protection and static electricity (ESD)
★ Product flexibility, wide application, multiple installation methods
★ Grid installation, strip installation and steel wire installation, light transmittance up to 90%
★ Innovative high-voltage work to support longer power supply distance
★ Support RGB/W current individually adjustable (low brightness and high gray)

Description

SPA030 pixel light is a low-power LED string light product specially designed for outdoor landscape lighting. It adopts engineering-grade flame-retardant plastic PC shell and is sealed with high thermal conductivity and weather-resistant PU glue for waterproofing; the lamp point is small in size and the appearance is exquisite; the lamp string is connected through the national standard customized flexible cable, which can be bent or deformed at will, and supports special-shaped elevation installation; Product spacing and color can be customized; suitable for large-area display or lighting such as building facades, bridges, and sky screens.
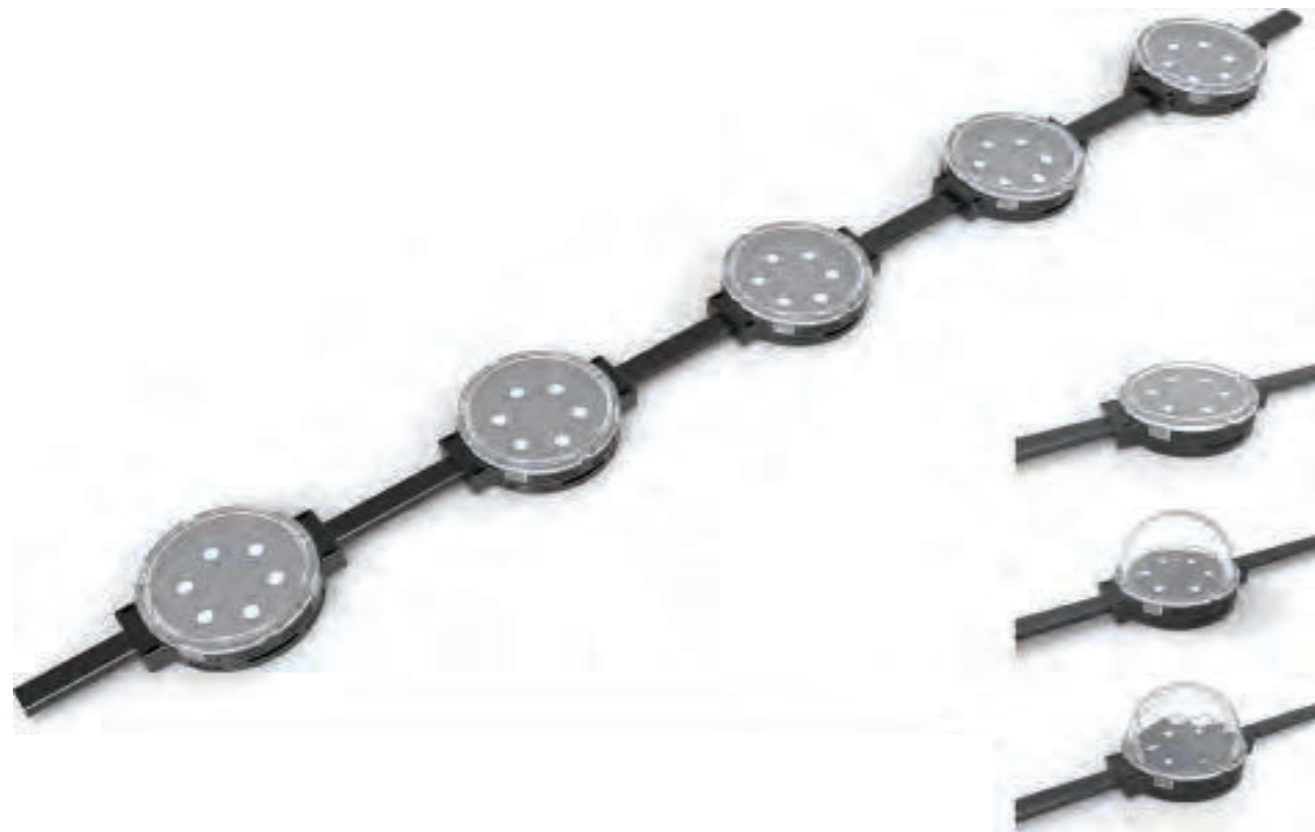
Product Size

Base installation flat cover size | Aluminium profile installation flat cover size

Base installation ball cover size | Aluminium profile installation ball cover size

Installation

Base installation | Steel wire + Base installation | Aluminium profile installation

Parameters

Color temperature：RGB/W
Gray level：256 level/4096 level/65536 level
LED type：3535/5050/2835
LED Qty：3pcs/4pcs
Shell material: flame retardant PC
Beam angle: flat cover 120°/spherical cover 160°

Voltage：DC12V/15V
Maximum power：0.7W/1.0W
Working temperature：-20℃ to 50℃
Storage temperature：-20℃ to 60℃
Protection level：IP67
Service life：50，000 hours

Model No.

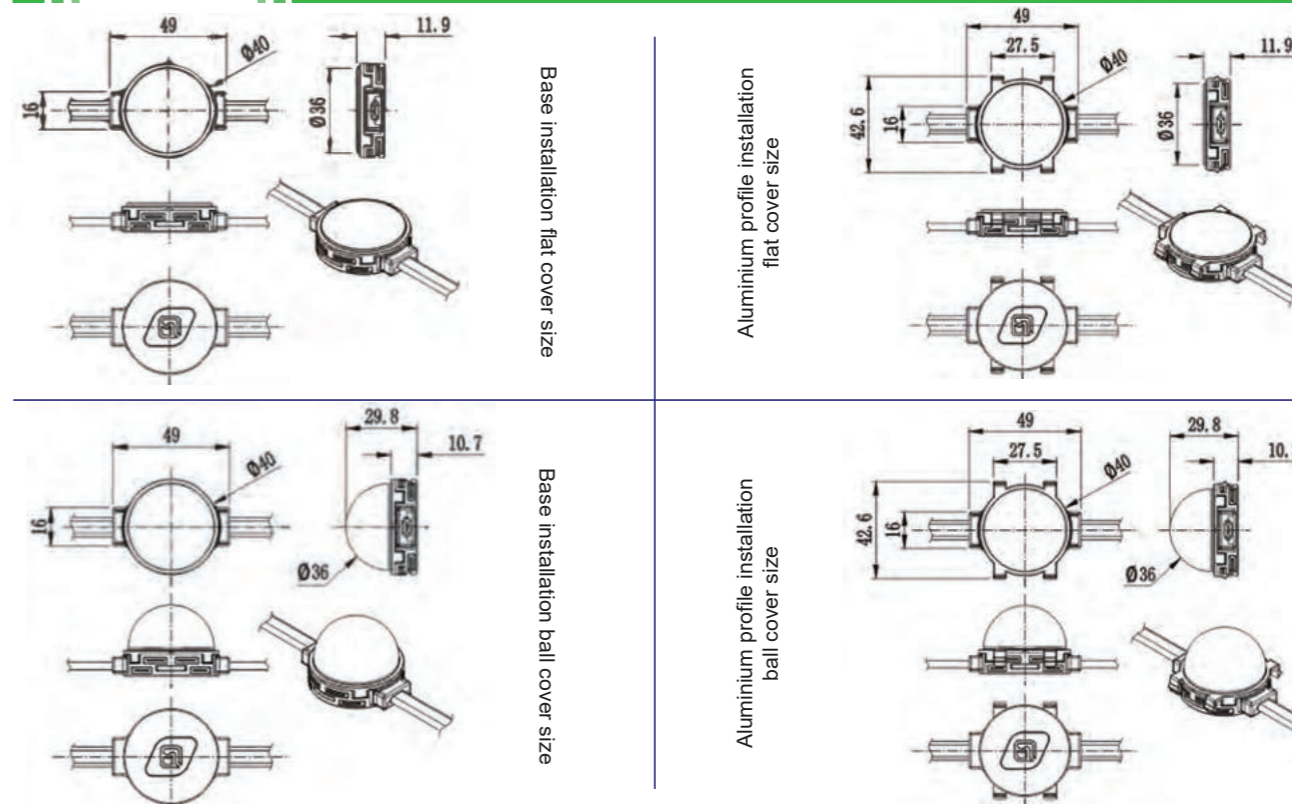| Item No.	LED Qty	LED type	Color temperature	Control way	Voltage	Power	Brightness
SPA030-03AU	3pcs	3535	RGB/W	Break continue	DC12V	0.72W	7.5cd
SPA030-03AE	3pcs	3535	RGB/W	DMX512	DC12V	0.72W	7.5cd
SPA030-03XT	3pcs	5050	RGBW	TTL	DC12V	1.0W	12cd
SPA030-04AU	4pcs	3535	RGB/W	Break continue	DC15V	1.0W	10cd
SPA030-04AE	4pcs	3535	RGB/W	DMX512	DC15V	1.0W	10cd

SPA040

IP67　|　III　|　5 years　|　CE　|　Color Full Color

Features

★ A new generation of dual-channel real-time backup control protocol
★ Standard DMX512 control protocol
★ Integrated wireless buckle, no joint anti-pull connection design
★ High thermal conductivity adhesive, fully potted and waterproof design
★ Special protection design for outdoor lightning protection and static electricity (ESD)
★ Product flexibility, wide application, multiple installation methods
★ Grid installation, strip installation and steel wire installation, light transmittance up to 90%
★ Innovative high-voltage work to support longer power supply distance
★ Support RGB/W current individually adjustable (low brightness and high gray)

Description

SPA040 pixel light is a low-power LED string light product specially designed for outdoor landscape lighting. It adopts engineering-grade flame-retardant plastic PC shell and is sealed with high thermal conductivity and weather-resistant PU glue for waterproofing; the lamp point is small in size and the appearance is exquisite; the lamp string is connected through the national standard customized flexible cable, which can be bent or deformed at will, and supports special-shaped elevation installation; Product spacing and color can be customized; suitable for large-area display or lighting such as building facades, bridges, and sky screens.

Product Size

Base installation flat cover size

Base installation ball cover size

Aluminium profile installation flat cover size

Aluminium profile installation ball cover size

Installation

Base installation　|　Steel wire + base installation　|　Aluminium profile installation

Parameters

Color temperature：RGB/W
Gray level：256 level/4096 level/65536 level
LED type：3535/5050/2835
LED Qty：3pcs/4pcs/6pcs/9pcs
Shell material: flame retardant PC
Beam angle: flat cover 120°/spherical cover 160°

Voltage：DC12V/15V/24V
Maximum power：0.7W/1.0W/1.44W/1.9W
Working temperature：-20°C to 50°C
Storage temperature：-20°C to 60°C
Protection level：IP67
Service life：50，000 hours

Model No.

Item No.	LED Qty	LED type	Color temperature	Control way	Voltage	Power	Brightness
SPA040−03AU	3pcs	3535	RGB/W	Break continue	DC12V	0.72W	7.5cd
SPA040−03AE	3pcs	3535	RGB/W	DMX512	DC12V	0.72W	7.5cd
SPA040−03XD	3pcs	5050	RGBW	DMX512	DC12V	1.0W	12cd
SPA040−04AU	4pcs	3535	RGB/W	Break continue	DC15V	1.0W	10cd
SPA040−04AE	4pcs	3535	RGB/W	DMX512	DC15V	1.0W	10cd
SPA040−04XD	4pcs	5050	RGBW	DMX512	DC15V	1.2W	16cd
SPA040−06AU	6pcs	3535	RGB/W	Break continue	DC24V	1.44W	15cd
SPA040−06AE	6pcs	3535	RGB/W	DMX512	DC24V	1.44W	15cd
SPA040−06XD	6pcs	5050	RGBW	DMX512	DC24V	1.9W	24cd
SPA040−09ZD	9pcs	3535+2835	RGB+W	DMX512	DC24V	1.9W	20cd

SPZ series pixel light

IP67 | III | 5 years | CE | Color Full Color

## Features

★ A new generation of dual-channel real-time backup control protocol
★ Standard DMX512 control protocol
★ Integrated anti-pull connection design
★ High thermal conductivity adhesive, fully potted and waterproof design
★ Special protection design for outdoor lightning protection and static electricity (ESD)
★ Product flexibility, wide application, multiple installation methods
★ Innovative high-voltage work to support longer power supply distance
★ Support RGB/W current individually adjustable (low brightness and high gray)

Description

SPZ series pixel light is a low-power LED string light product specially designed for outdoor landscape lighting. It adopts engineering-grade flame-retardant plastic PC shell and is sealed with high thermal conductivity and weather-resistant PU glue for waterproofing; the lamp point is small in size and the appearance is exquisite; the lamp string is connected through the national standard customized flexible cable, which can be bent or deformed at will, and supports special-shaped elevation installation; Product spacing and color can be customized; suitable for large-area display or lighting such as building facades, bridges, and sky screens.
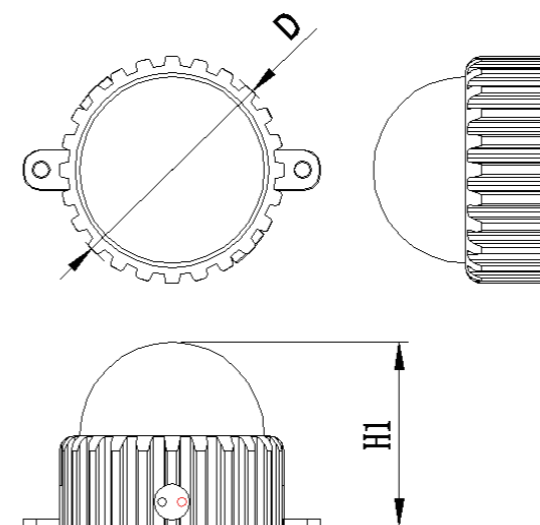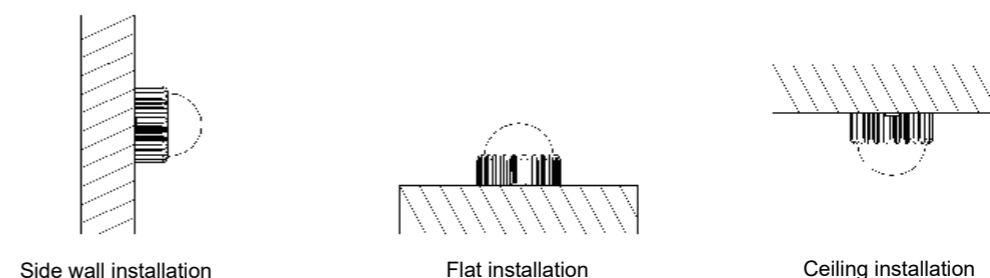
Product Size

Product number	D X H1
SPZ050	Ø50X55mm
SPZ070	Ø70X62mm
SPZ085	Ø85X62mm
SPZ100	Ø100X85mm
SPZ120	Ø120X85mm
Note: H1 height size can be customized!	

Installation

Side wall installation | Flat installation | Ceiling installation

Parameters

Color temperature：RGB/W
Gray level：256 level/65536 level
LED type：3535/5050/2835
LED Qty：3pcs/6pcs/12pcs/18pcs
Shell material: flame retardant PC
Beam angle: flat cover 120°/ball cover 160°/diamond ball cover 160°

Voltage：DC24V/36V
Maximum power: 3W/5W/7W/9W/12W
Working temperature：-20°C to 50°C
Storage temperature：-20°C to 60°C
Protection level：IP67
Service life：50,000 hours

Model No.

Item No.	LED Qty	LED type	Color temperature	Control way	Voltage	Power	Brightness
SPZ050-03WN	3/6pcs	3030/2835	R/G/B/W	----	DC24V/36V	3W	210lm
SPZ050-03WD	3/6pcs	3535/2835	RGB/W	DMX512	DC24V/36V	3W	210lm
SPZ070-05WN	6/12pcs	3535/2835	R/G/B/W	----	DC24V/36V	5W	350lm
SPZ070-05WD	6/12pcs	3535/2835	RGB/W	DMX512	DC24V/36V	5W	350lm
SPZ085-07WN	9/12pcs	3535/3030	R/G/B/W	----	DC24V/36V	7W	490lm
SPZ085-07WD	9/12pcs	3535/3030	RGB/W	DMX512	DC24V/36V	7W	490lm
SPZ100-09WN	9/18pcs	3535/3030	R/G/B/W	----	DC24V/36V	9W	630lm
SPZ100-09WD	9/18pcs	3535/3030	RGB/W	DMX512	DC24V/36V	9W	630lm
SPZ120-12WN	12/18pcs	3535/3030	R/G/B/W	----	DC24V/36V	12W	720lm
SPZ120-12WD	12/18pcs	3535/3030	RGB/W	DMX512	DC24V/36V	12W	720lm

SPA090
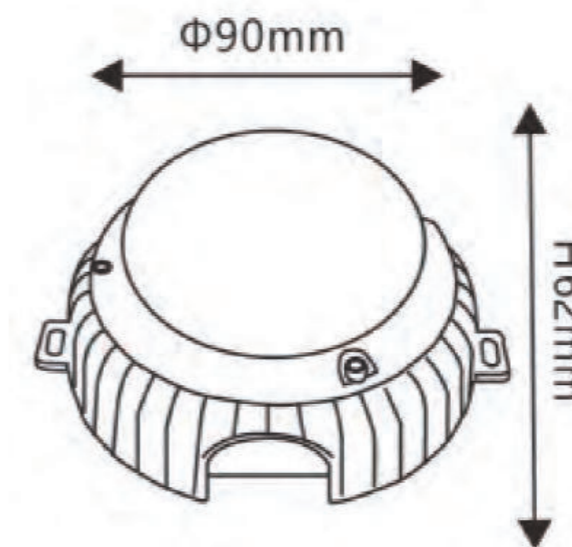
Φ90mm

H62mm

IP67 III 5 years CE Color Full Color

Features

★ Standard DMX512 control protocol
★ Built-in anti-pull connection design for waterproof connector
★ High thermal conductivity adhesive, fully potted and waterproof design
★ Special protection design for outdoor lightning protection and static electricity (ESD)
★ Product flexibility, wide application, multiple installation methods
★ Optional higher voltage power supply to support longer power supply distance
★ Support RGB/W current individually adjustable (low brightness and high gray)

Installation

Side wall installation   Flat installation   Ceiling installation

Parameters

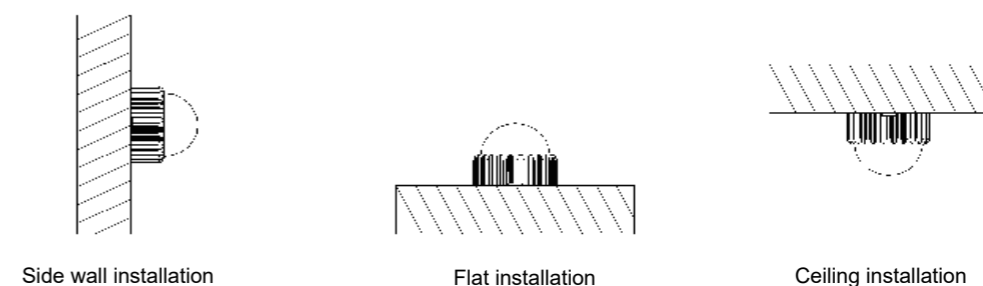|	
Color temperature：RGB/W	Voltage： DC24V/36V
Gray level： 256 level/65536 level	Maximum power： 5W/7W
LED type： 3535/5050/3030	Working temperature： -20°C to 50°C
LED Qty： 3pcs/6pcs	Storage temperature： -20°C to 60°C
Shell material: high thermal conductivity aluminum+flame retardant PC	Protection level： IP67
Beam angle： >120°	Service life： 50，000 hours

Description

SPA 090 pixel light is a high-power LED string-type or point-type product specially designed for outdoor landscape lighting. It adopts high thermal conductivity die-cast aluminum shell and engineering grade flame-retardant plastic PC upper cover, and is potted and waterproofed with high thermal conductivity and weather-resistant PU glue; the size of the lamp point is suitable, and the appearance is exquisite; the lamp string is connected by the national standard customized flexible cable, which can be bent at will, Deformation to support installation of special-shaped facades; product spacing and color can be customized; suitable for large-area display or lighting such as building facades, bridges, and sky screens.

Model No.

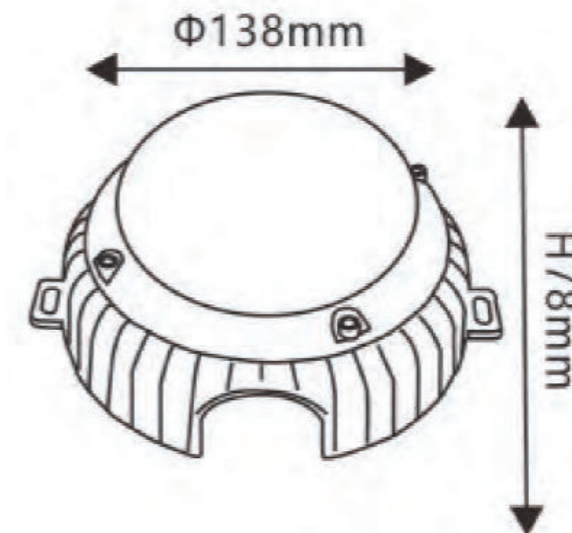| Item No.	LED Qty	LED type	Color temperature	Control way	Voltage	Power	Brightness
SPA090-05WN	6pcs	3030	R/G/B/W	Single color	DC24/36V	5W	300 LM
SPA090-07WD-1	6pcs	3030	R/G/B/W	DMX512 Single color	DC24/36V	7W	420 LM
SPA090-07WD-2	3/6pcs	3535	RGB	DMX512	DC24/36V	7W	210 LM
SPA090-07WD-3	3/6pcs	3535	RGBW	DMX512	DC24/36V	7W	280 LM

SPA138

IP67 | III | 5 years | CE | Color Full Color

Features

★ Standard DMX512 control protocol
★ Built-in anti-pull connection design for waterproof connector
★ High thermal conductivity adhesive, fully potted and waterproof design
★ Special protection design for outdoor lightning protection and static electricity (ESD)
★ Product flexibility, wide application, multiple installation methods
★ Optional higher voltage power supply to support longer power supply distance
★ Support RGB/W current individually adjustable (low brightness and high gray)
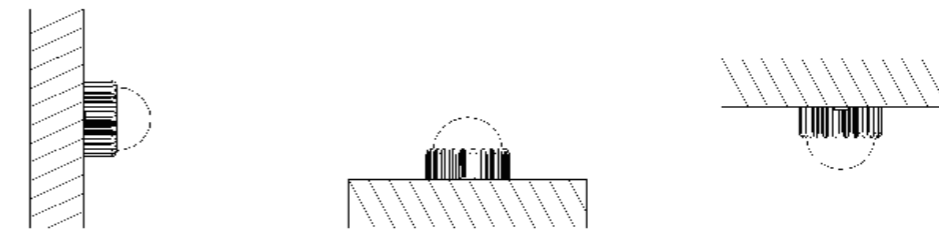
Description

SPA138 pixel light is a high-power LED string-type or point-type product specially designed for outdoor landscape lighting. It adopts high thermal conductivity die-cast aluminum shell and engineering grade flame-retardant plastic PC upper cover, and is potted and waterproofed with high thermal conductivity and weather-resistant PU glue; the size of the lamp point is suitable, and the appearance is exquisite; the lamp string is connected by the national standard customized flexible cable, which can be bent at will, Deformation to support installation of special-shaped facades; product spacing and color can be customized; suitable for large-area display or lighting such as building facades, bridges, and sky screens.

Product Size

Φ138mm
H78mm

Installation

Side wall installation | Flat installation | Ceiling installation

Parameters

Color temperature：RGB/W
Gray level：256 level/65536 level
LED type：3535/5050/3030
LED Qty：6pcs/9pcs/12pcs
Shell material: high thermal conductivity aluminum + flame retardant PC
Beam angle：>120°

Voltage：DC24V/36V
Maximum power：9W/12W/15W
Working temperature：-20°C to 50°C
Storage temperature：-20°C to 60°C
Protection level：IP67
Service life：50，000 hours

Model No.

Item No.	LED Qty	LED type	Color temperature	Control way	Voltage	Power	Brightness
SPA138-09WN	9pcs	3030	R/G/B/W	Single color	DC24/36V	9W	540 LM
SPA138-12WD-1	9/12pcs	3030/3535	R/G/B/W	DMX512 Single color	DC24/36V	12W	720 LM
SPA138-12WD-2	9/12pcs	3535	RGB	DMX512	DC24/36V	12W	360 LM
SPA138-15WD	9/12pcs	3535	RGBW	DMX512	DC24/36V	15W	540 LM