D23mm 360°Luminous full color LED crystal light

Product Description

This 360°view RGB LED ball is SPI controlled
IP65 waterproof
Transparent PVC ball, standard 26pcs/string, pixel pitch 100mm
Each string has only one 4 core input connector, DC+, DAT, GND and another signal wire to transmit the signal from bottom to top.
You will need to use T type connector for installation.
Each T type connecting wire has 20pcs 4 core connectors, so you can use it to connect 20 strings together.
Single end power supply with up to 10 strings(26pcs/string).
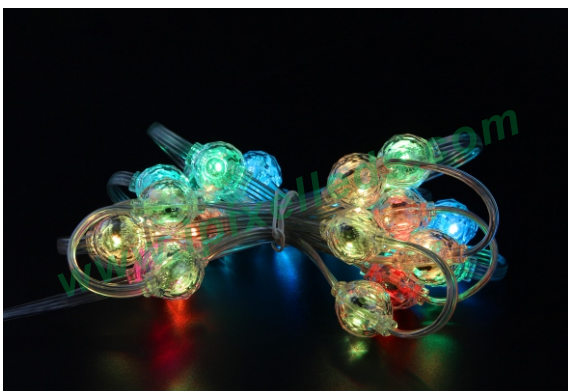
The length of each connector wire on the T connecting line is customizable, but the maximum length is that the total length of the led string + T connector wire is less than 8 meters(SPI).
This crystal led ball is 100pcs/string max, the ball Qty and wire length can be customized, MOQ is 1000pcs.
Pls note that the color of T connector and ball wire cannot be customized.

Product Datasheet

|	
Product Number	P023002DB3SC
Operating Voltage	DC12V
Power/A	0.72W
SMD Type	3535 RGB
Color	RGB
LED Quantity/A	2
Pixel/A	1
Control mode	SPI/UCS1903
Luminance/A	R: 1.5 G: 3.5 B: 0.6LM
Wavelength	R:620-625 G:520-525 B:460-465NM
Beam Angle	360°
Material	PVC Plastic
Size (mm)	34.1x23mm (DiameterØ23)
IP Rate	IP65
Net Weight	0.0035KG/PCS
Operation Temperature	- 25 ~ 60 ℃

Application
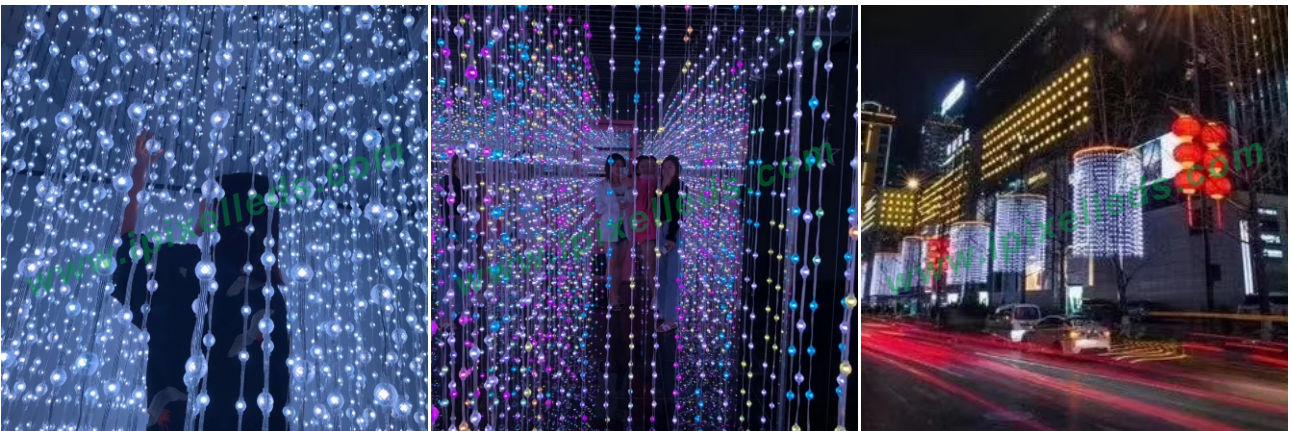
Amusement attractions, rides.

Dance Floor, Christmas Tree lighting etc.

Outdoor digital sign letters, digital panel.

Signs, large dot matrix animation.
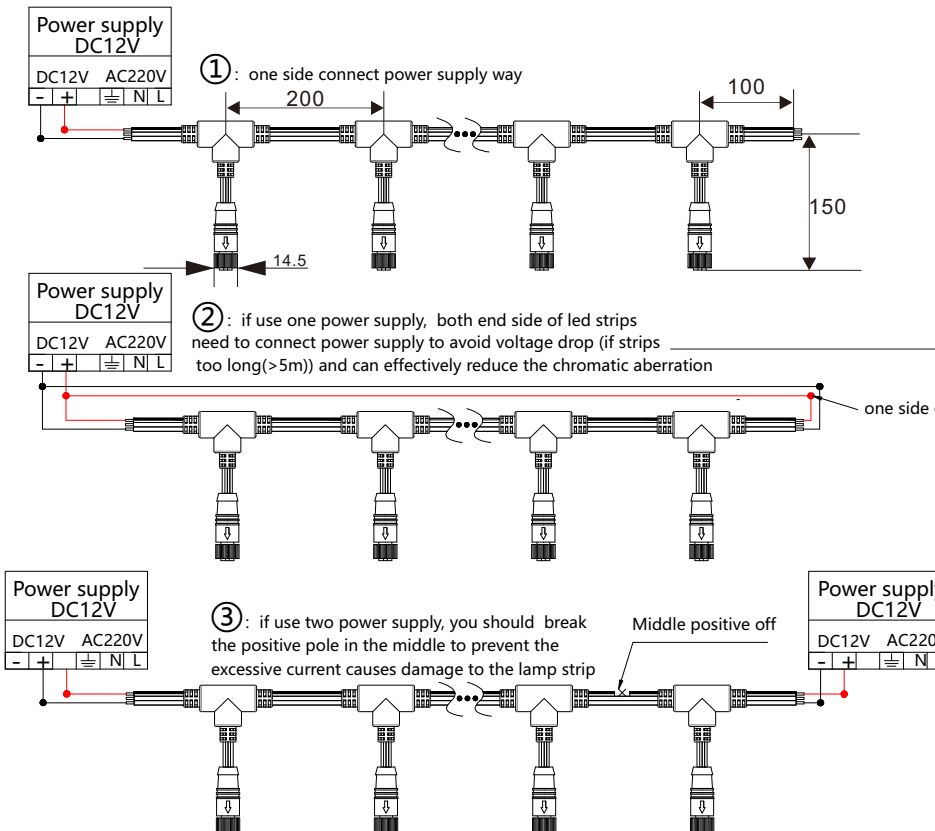
Outline Dimension (mm)

25 φ23 28 23

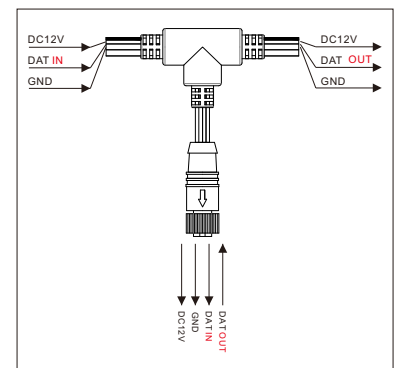150 100

1 2 3 · · · · 24 25 26

2610±20
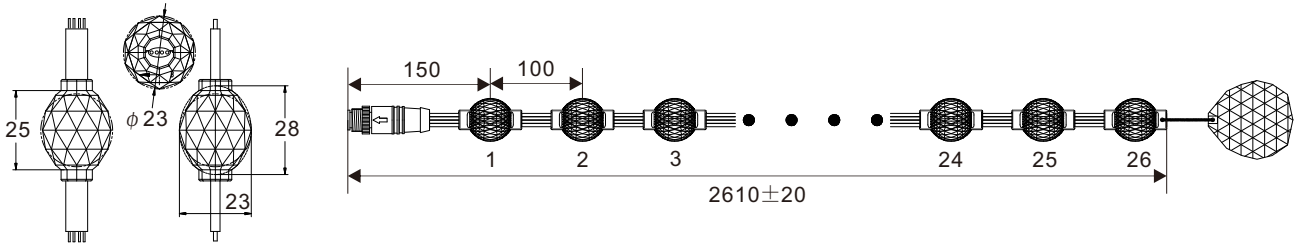
Accessory(Excluded)

Name	Controller	Power Supply	T terminal	2 Pin Bare wire	Crystal ball
installation					

Connection Drawing

Normal connect way

Accessory(Excluded)

DC12V DC12V
DAT IN DAT OUT
GND GND

DC12V GND DAT IN DAT OUT

Power supply DC12V

DC12V AC220V
− + N L

① : one side connect power supply way

200

100

150

14.5

Power supply DC12V

DC12V AC220V
− + N L

② : if use one power supply, both end side of led strips need to connect power supply to avoid voltage drop (if strips too long(>5m)) and can effectively reduce the chromatic aberration

one side connect power supply way

Power supply DC12V

DC12V AC220V
− + N L

③ : if use two power supply, you should break the positive pole in the middle to prevent the excessive current causes damage to the lamp strip

Middle positive off

Power supply DC12V

DC12V AC220V
− + N L

Attention : Input DC12V from start, Voltage drop to 0.5V on No.26 pcs ball on the end !

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