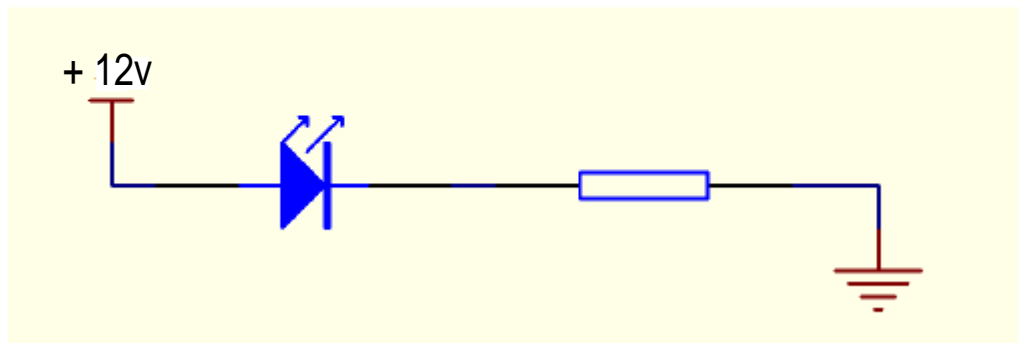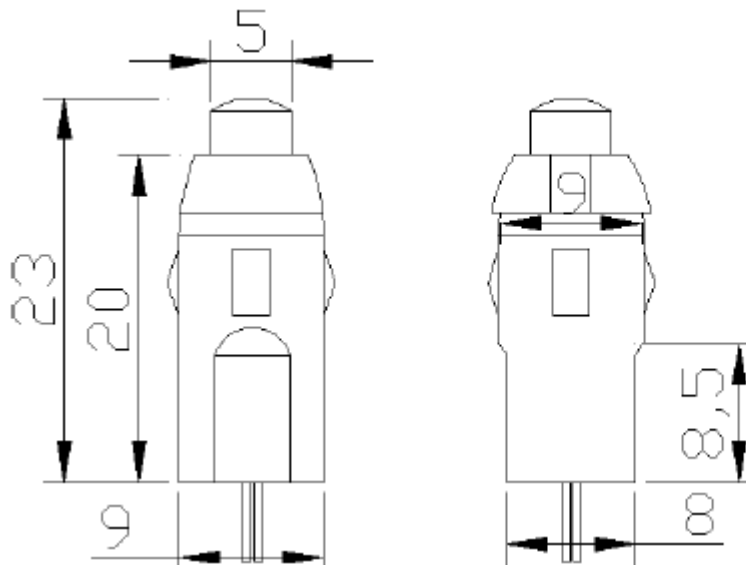# Specification to pixel Leds

Key Features

1. Adopting perfect optical design, big view angle ,high brightness and light transmittance energy saving and environmental protecting;

2. High-quality PC housing material , With anti -UV ,Anti-aging , Anti-high and low temperature ;

3. SD card offline control, line control video playback, up to 32-4096-level grayscale; the product is suitable for signs advertising screen and building decoration lighting project , wide range of applications

4. Uniform soft light distribution, glare-free design

5. Comply with RoHS environmental standards

6. Color follow ANSI C78.337 international standards.

7. Warranty –1 year (at least 25000 hours)

Products Specification

	Item	Specification
Products Imformation	Led Size	**L23mm*D9mm**
	LED Specification	F5
	Built in IC	1 PCS
	Material and surface treatment	PVC and Inject
Electrical Performance	Weight/PC	2.3g
	Wire Length	8CM
	Input Voltage	DC12V
	Wattage	0.1W
Optical Performance	Amount/String	50pcs in one string
	Full Color (ANSI C78.337 Standard)	Red: WLD: 615-620, Green: WLD: 522-525 Blue: WLD: 460-462 Yellow: WLD:590-592 White: WLD:6000-7000K
	Color	Red/Green/Blue/Yellow/White
	Beam Angle	120°
	Luminous Maintenance Rate	> 92% @6000hrs
	Lifespan	30,000 hrs (Ta=25℃)
Working Condition	Working Temperature	-25-45℃
	Storage Temperature	-30-50℃
	Working Condition	Indoor and Outdoor
Environmental Requirement	IP Rate	IP67
	Environmental Requirement	RoHs Standard
Certificate	Safety Certification	CE

Product dimension

Product Installation

1. This product is manufactured at a single string, use of the plug connector between the lamp and the lamp.

2. Using 350W of power can bring about 400 light，Power output to three columns，Each main power line using GB 2.5 square copper wire. Power cord from the light to the proposal not more than three meters.

3. Blue line is positive, the white wire is negative, the green line DATA, Female input, output male. The controller signal line to the lamp is recommended to use shielded copper core cable or UTP cable

4. Wiring head should be strong, waterproof, anti-short circuit. The whole project should be equipped with leakage protection switch. Do not live operation.

Terms of service

1. Do not wipe the product with rough materials or detergents，Do not rinse the product with high pressure water，Because the case will damage the waterproof member.

2. Do not use a sharp object scratch thorns products, do side bending, extrusion, Wring Products, Because internal components would cause harm.

3. If the lamp is damaged or wire insulation have questions, please do not use, to regularly check

4. This product should be installed by a professional repair.

5. Forbidden access other than supply voltage DC12V，Otherwise it will burn the product！（Direct access to the AC voltage is prohibited！）