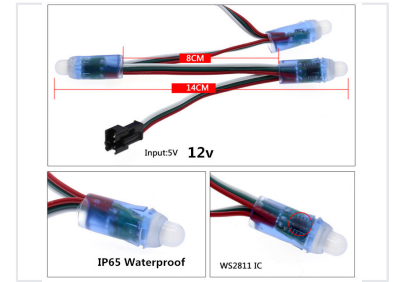


Individually Addressable RGB LED Pixel

This individually addressable LED pixel is designed for creating dynamic lighting displays and signage. Featuring RGB color mixing, it allows a wide spectrum of colors.



ADDITIONAL IMAGES



Product Overview

Versatile RGB LED Solutions

These individually addressable RGB LED pixels are designed for high-impact visual displays, including architectural lighting, digital signage, and stage backgrounds. Utilizing advanced injection technology for full waterproofing, these lights offer robust performance in both indoor and outdoor environments. With support for complex dynamic effects like water chases, text, and animations, they provide a flexible solution for creative lighting projects.

Technical Specifications

Ingress Protection

IP65

Input Voltage	DC 5V / 12V
Working Power	0.3W / 0.6W
Beam Angle	120 °
Operating Temperature	-35°C to 60°C
Working Time	30000 hours

Design & Construction

Light Source	F8RGB Straw Hat
Diameter	12 mm
Construction Materials	Plastic Shell, PCB, UV Resistant, Cold Resistant

Features & Capabilities

Key Capabilities

- Individually addressable (Point control)
- Group control mode available
- Full-color RGB mixing
- Supports dynamic effects (scrolling, text, animation)
- Waterproof injection technology

Recommended Applications

Architectural Lighting, Digital Signage, Stage Backgrounds, Entertainment Venues, Hotels