

DHI-ITSXS-6103-RGZ

Red and green LED floor tile



Series Overview

This product is made of polymer composite materials. Combined with LED technology, it is capable of displaying different colors on the ground, enhancing visual warning effects. It is primarily installed at key traffic junctions such as vehicle stop lines and pedestrian crosswalks. It synchronizes color changes with traffic signals, reinforcing compliance with traffic rules, especially during nighttime or low-visibility conditions. The technology not only improves road safety but also enhances the technological appeal of urban roads, contributing to the city's image.

Scene

Suitable for installation at urban road intersections to warn vehicles and pedestrians

Technical Specification

External Ports

Input Port	1
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General

Material	Casing Material:Polycarbonate; Enclosure Material:Hot rolled plate
Rated Power	≤10 W
LED Lifespan	≥100,000 hours
LED Wavelength	Red LEDs: 620 nm–625 nm;Green LEDs: 503 nm–508 nm
Number of LEDs	90DIP Red LEDs, 90 DIP Green Leds

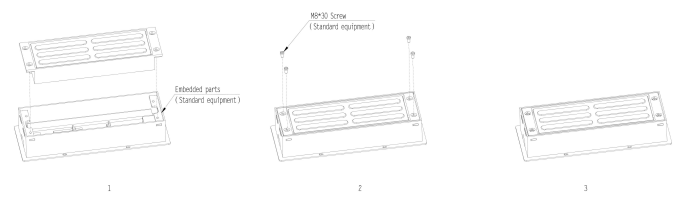
- The power supply voltage is DC24V, and the operation is safe, stable and reliables.
- Not stroboscopic, making the light gentler on the eye.
- LED light source that consumes no more than 10 W.
- Long LED life span of up to 100,000 hours.
- Modular design that make it easy to install and maintain.

Load Bearing	>50 T
Viewing Distance	>200 m
Viewing Angle	>15°
Operating Temperature	−30 °C to +65 °C (−22 °F to +149 °F)
Storage Temperature	−30 °C to +65 °C (−22 °F to +149 °F)
Operating Humidity	≤93% (RH), non-condensing
Storage Humidity	≤60% (RH), non-condensing
Installation	Embedded
Protection	IP67
Product Dimensions	512 mm × 190 mm × 95 mm (20.17" × 7.49" × 3.74") (L × W × H)
Packaging Dimensions	1010 mm × 600 mm × 700 mm (39.79" × 23.64" × 27.58") (L × W × H)
Anti-corrosion Level	Basic Protection *The products are designed for general use and are applicable even in areas with no specific requirements for anti-corrosion protection.
Net Weight	≤16.5 kg
Gross Weight	≤425 kg (25 sets in one carton)
Power Supply	24 VDC
Certifications	CE EMC: EN IEC 55015:2019+A11:2020 EN IEC 61000-3-2:2019+A1:2021+A2:2024 EN 61000-3-3:2013+A1:2019+A2:2021 EN IEC 61547:2023

Ordering Information

Type	Model	Description
Luminous floor tile	DHI-ITSXS-6103-RGZ	Red and green LED floor tile

Installation



Dimensions (mm[inch])

