

Description

This IR LED Illuminator is built in High Power IR LED and operation circuit. This illuminator makes a uniform emission pattern by using aspheric lenses and precisely integrated IR LEDs. Also, this can be used at a maximum distance of 20m by using a mega pixel camera or CCD camera in a condition of shutter speed 1/500~1/2000 to identify a license plate in an entrance of a parking area and road etc..

Test Image



Specification

Optical

Wavelength(nm) : 735±15

Beam Div.(Degree) : 15+30(@FWHM)

Electrical

Operating Voltage(DC V) : 24±5%

Operating Current(A) : 4.0(max.)
with capacitor

Operating Temp.(°C) : -32~+45

Mechanical

Dimension(mm) : 113W*86 (H)*106.05(D)

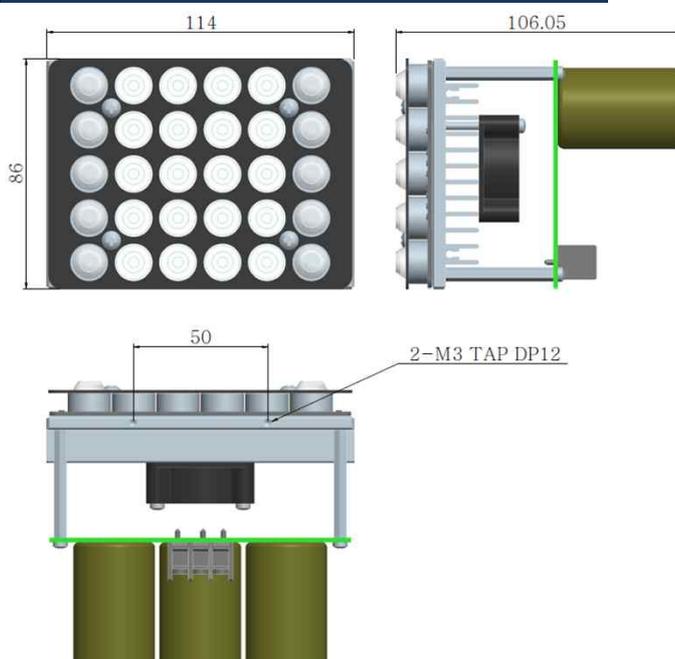
Weight(g) : 0.8kg

Housing Material : Aluminum

Features

- Covered Distance : **max. 15m**
- Typical Wavelength : **735nm**
- Angle : **15+30degrees**
- Weight : **About 0.8kg**
- Used **High Power IR LED PKG.**
- Single Operating Voltage : **DC 24V**
- Life time : **about 30,000h**
- **Pulse Driving**
- **For LPR**

Drawings



Operating Condition via Camera Strobe

- LED On Time(Shutter Speed) : 1ms
- Max. Operating Frequency : 30Hz