

Description

This IR LED Illuminator is built in High Power IR LED and operation circuit. This illuminator makes a uniform emission pattern by using an aspheric lens and precisely integrated IR LED. 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) : 12±5%

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

Operating Temp.(°C) : -32~+45

Mechanical

Dimension(mm) : 130(W)*109(H)*154.1(D)

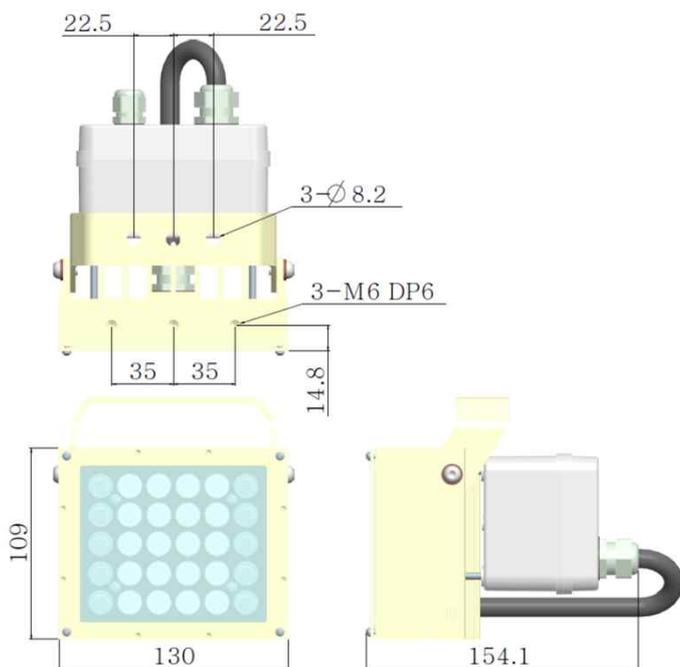
Weight(g) : 1.5kg(T.B.D)

Housing Material : Aluminum + PC

Features

- Waterproof IR LED Illuminator
- Covered Distance : **max. 15m**
- Typical Wavelength : **735nm**
- Angle : **15+30degrees**
- Weight : **About 1.5kg(T.B.D)**
- Used **High Power IR LED PKG.**
- Single Operating Voltage : **DC 12V**
- 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