

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 (@FWHM)

Electrical

Operating Voltage(DC V) : 24±5%

Operating Current(A) : 8.0 (max.)
with capacitor

Operating Temp.(°C) : -32~+45

Mechanical

Dimension(mm) : 123.5(H)*160(W)*123.2(D)

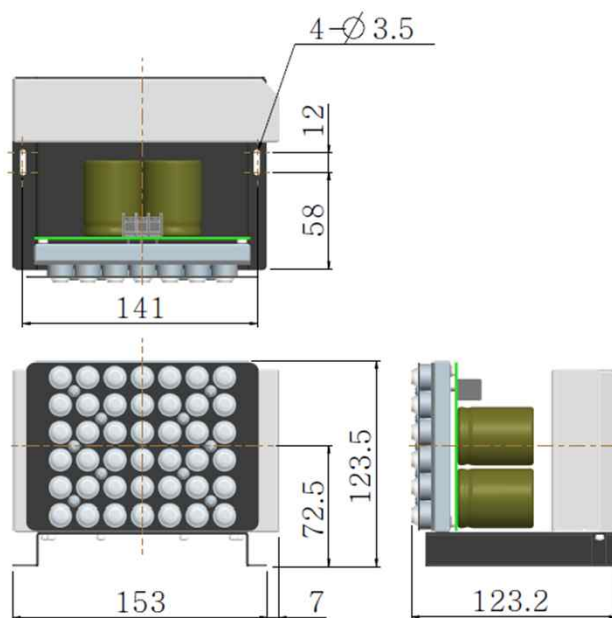
Weight(g) : 1,560g

Housing Material : Aluminum

Features

- Covered Distance : **max. 20m**
- Typical Wavelength : **735nm**
- Angle : **15degrees**
- Weight : **1,560g**
- Used **High Power IR LED PKG.**
- Single Operating Voltage : **DC 24V**
- SMPS Spec. : **24V / 4.2A**
- Life time : **about 30,000h**
- **Pulse Driving**
- **For LPR**

Drawings



Test Condition

- Duration : 1ms
- Duty Cycle : 30Hz
- Distance : 15m
- Shutter : 1/1000s