

# CM32 Series

IR Illuminator



Fixed Angle IR • Adjustable Light Sensitivity • High Uniformity

## Overview

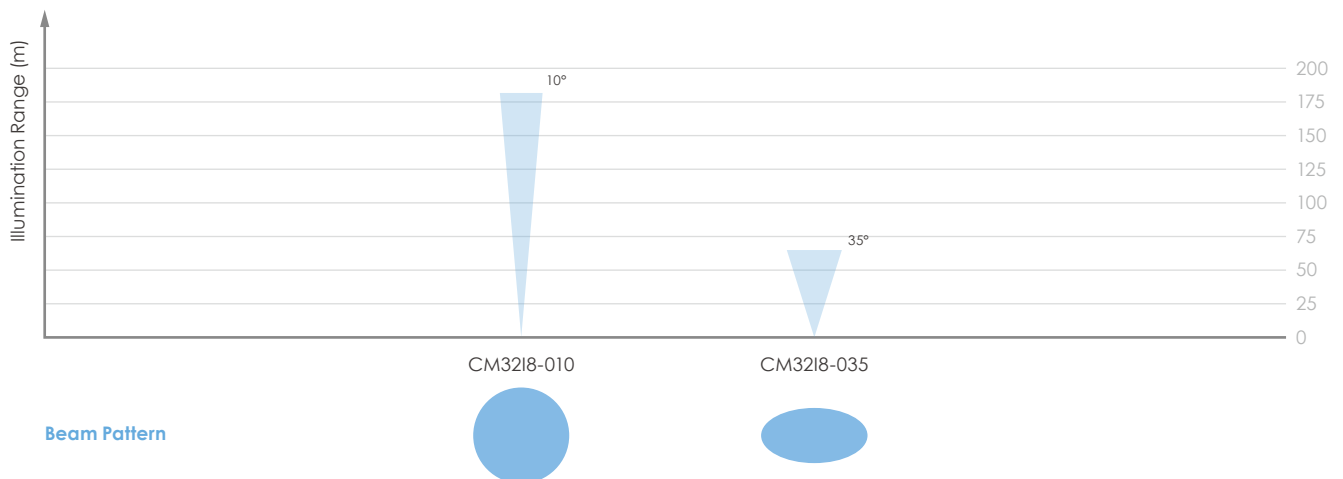
The CaMate CM32 is a series of professional economic IR illuminators, providing highly efficient intensity and uniform distribution at ranges of up to 180 meters. The series offers multiple options for outdoor and long-distance surveillance in applications such as residences, perimeters, airports, parking lots as well as traffic LPR/ANPR.

The CaMate CM32 series delivers clear image quality in night vision with variable beam angles of 10 and 35 degrees, providing high intensity and uniformity without hotspots or overexposure.

## Key Features

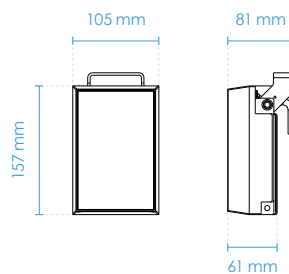
- Fixed IR with Beam Angle 10° and 35°
- LED Control by Digital Output
- Adjustable Light Sensitivity
- Defect LED Alarm
- Extreme Weather Support
- Weather-proof IP66 and Vandal-proof IK10-rated Housing
- Three-year Warranty

## Illumination Map



## Technical Specifications

| Model                             | CM3218-010  | CM3218-035         |
|-----------------------------------|---|--------------------|
| <b>Product Information</b>        |   |                    |
| Beam Angle (HxV)                  | 10° x 10°   | 35° x 25°          |
| Distance                          | 180 m<br>(590 ft)   | 60.9 m<br>(199 ft) |
| Beam Pattern                      | Circle  | Elliptical         |
| LED Array                         | 12 pcs  |                    |
| Wavelength                        | 850nm   |                    |
| External Input                    | Digital input*1 (LED ON/OFF control input)  |                    |
| External Output                   | Digital output*1 (Day/Night detection output)<br>Digital output*1 (Error status output) |                    |
| Automatic IR On/Off               | Controlled by Light Sensor  |                    |
| Light Sensor Sensitivity (On/Off) | 600/1000, 300/600(default), 50/200, 3/30 Lux<br>(accessed via CM32 DIP switch)          |                    |
| <b>General</b>                    |   |                    |
| Power Input                       | 24VAC ±20%, 24VDC ±10%  |                    |
| Power Consumption                 | Max. 32W  |                    |
| Operating Temperature             | -40 °C ~ +60°C (-40 °F ~ +140 °F)   |                    |
| Working Temperature               | -50 °C ~ +60 °C (-58 °F ~ +140 °F)  |                    |
| Dimensions                        | 157 x 105 x 81 mm (6.18" x 4.13" x 3.19")   |                    |
| Weight                            | 0.85 kg   |                    |
| Cable Length                      | 0.75 m (2.46 ft) UL AWM   |                    |
| Casing                            | IP66, IK10  |                    |
| Safety Certifications             | EN 50130-4, CE: EN61000-6-3, FCC Class B, EN60529                                       |                    |
| Humidity                          | 90%   |                    |
| Warranty                          | 3-year  |                    |
| <b>Included Accessories</b>       |   |                    |
| Bracket                           | U-Type Bracket (68.4 × 25 × 15 mm)  |                    |
| <b>Dimensions</b>                 |   |                    |



## Compatible Accessories

| Bracket  | Power Supply  |
|--|---|
|  <p data-bbox="280 383 628 427">AM-219<br/>L-Bracket for Dual CaMate Illuminators</p> |  <p data-bbox="948 383 1334 427">HLG-60H-24<br/>60W Single Output Switching Power Supply</p> |