

CM32 Series

IR Illuminator



Fixed Angle IR • Adjustable Light Sensitivity • High Uniformity

Overview

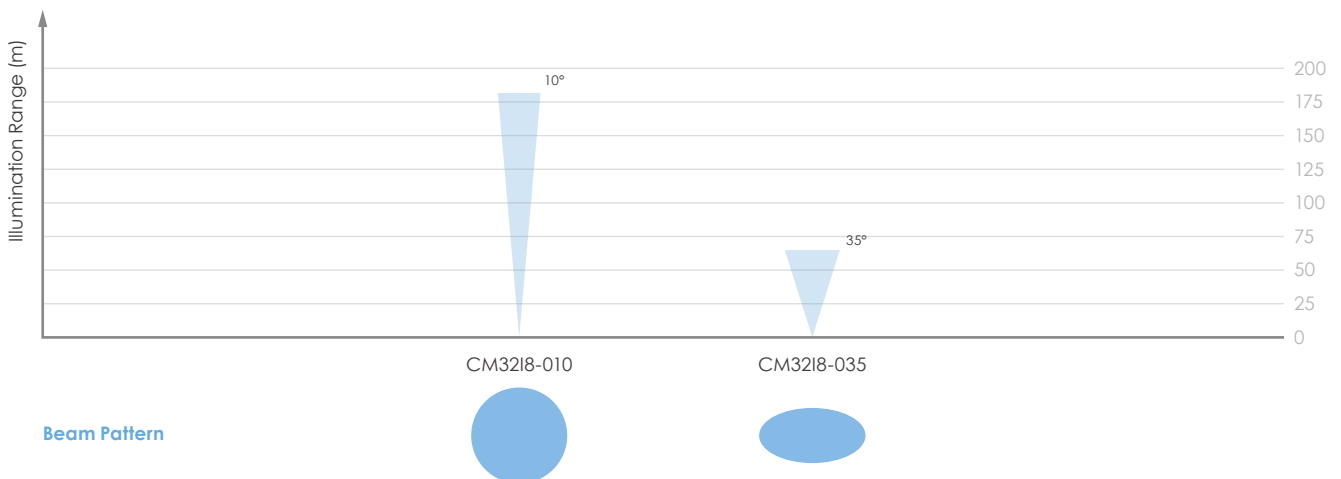
The CaMate CM32 is a series of professional economic IR illuminators, providing highly efficient intensity and uniform distribution at ranges of up to 180 meters. The series offers multiple options for outdoor and long-distance surveillance in applications such as residences, perimeters, airports, parking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

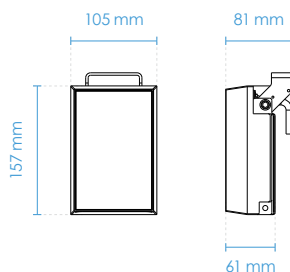
Illumination Map



Technical Specifications

Model	CM3218-010	CM3218-035
Product Information		
Beam Angle (HxV)	10° x 10°	35° x 25°
Distance	180 m (590 ft)	60.9 m (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 ouput*1 (Day/Night detection output) Digital ouput*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 (accessed via CM32 DIP switch)	
General		
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	
Included Accessories		
Bracket	U-Type Bracket (68.4 × 25 × 15 mm)	

Dimensions



Compatible Accessories

Bracket	Power Supply
 <p data-bbox="279 380 630 425">AM-219 L-Bracket for Dual CaMate Illuminators</p>	 <p data-bbox="949 380 1332 425">HLG-60H-24 60W Single Output Switching Power Supply</p>