



CA80 Series



Technical Specifications

Product Information	
Models	CA80I8-1040 CA80I8-2040
Beam Angle (Horizontal)	CA80I8-1040: 10° ~ 40° CA80I8-2040: 20° ~ 40°
Distance	CA80I8-1040: 140 ~ 350 m (459 ~ 1148 ft) CA80I8-2040: 170 ~ 280 m (557 ~ 918 ft)
Beam Pattern	CA80I8-1040: Circular CA80I8-2040: Elliptical
LED Array	24 pcs LED
Wavelength	850 nm
External Input	IR ON/OFF control
External Output	Day/Night switching
Automatic IR On/Off	Controlled by Light Sensor
Light Sensor Sensitivity	1/5/10/30(default)/50/100% (Max. 1000 Lux) (accessed via CaMate remote/RS-485 control)
Adjustable IR Power	20%-100% (accessed via CaMate remote/RS-485 control)

General	
Power Input	24VDC ±10%, 24V AC(50/60Hz) ±10%
Power Consumption	Max. 90 W
Operating Temperature	-40 °C ~ +50°C (-40 °F ~ +122 °F)
Working Temperature	-50 °C ~ +50 °C (-58 °F ~ +122 °F)
Dimensions	220 x 160 x 73 mm (8.6 × 6.3 × 2.9 inch)
Weight	2.1 kg
Cable Length	0.75 m (2.46 ft) UL AWM
Casing	IP68, IK10

Safety Certifications	IEC 62471, EN 50130-4, CE EN61000-6-3, EN60598-1, EN60598-2-5, FCC Class A, EN60529
Humidity	90%

Included Accessories	
Bracket	U-Type Bracket (134 × 34 × 81.5 mm)
Remote Controller	CMA-E01

Compatible Accessories	
Bracket	AM-219: L-Bracket for Dual CaMate Illuminators CMA-B01: L-Bracket for Single CaMate Illuminator CMA-B03: U-Type Bracket for Single CaMate Illuminator
Mounting Kit	CMA-B04: Wall-Mount Kit for Single/Dual CaMate Illuminator CMA-B05: Wall-Mount Kit for Dual/Triple CaMate Illuminator CMA-B06: Wall-Mount Kit for Dual/Triple CaMate Illuminator
Alignment Kit	CMA-A01: Laser Alignment Kit
Remote Controller	CMA-E01
Power Supply	HLG-120H-24: 120W Single Output Switching Power Supply