

# 10° Target Projection Collimator

*Simulated long-distance testing for confined spaces*

## Why Choose the 10° Target Projector?

The OSCM10120 Collimator projects a target at a simulated distance, which allows for long distance testing in a confined space. The simulated distance can be manually adjusted with the diopter barrel, with optional motorization for automated adjustments. This collimator comes with a high resolution, black and white LVT film SFRreg target reticle and projects a 10° inspectable Field of View. A complete OSCM10120 system requires an LED controller.

## 10° Target Projector & LED Controller Features:

- ✓ Manual or motorized adjustable diopter barrel for changing simulated distance
- ✓ Simulate test distances from 1m – infinity
- ✓ Test camera systems with long focus distances in labs or production lines
- ✓ Includes high-resolution B&W film target reticle
- ✓ Independent channel control for multiple units (up to 13 channels)
- ✓ Visible & NIR LED options available: 6000K, 850nm, or 940nm
- ✓ 3000K, 4000K, & 5000K LEDs available upon request



OSCM10120M-REG-SET (Motorized)

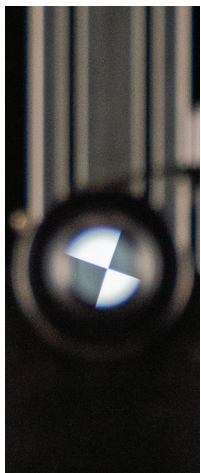


## 10° Target Projector Specifications

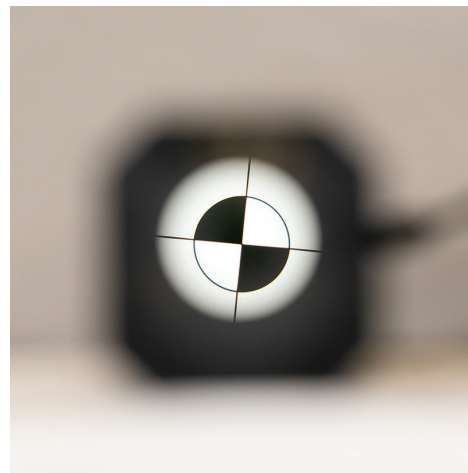
Specifications	Manual	Motorized
Weight	0.87kg	3.04kg
Shipping weight	2.08kg (Net weight: 1.08kg)	4.25kg (Net weight: 3.25kg)
Overall dimensions	376.5mm x 77.4mm (L x diameter)	451.5mm x 107mm x 111.5mm (L x W x H)
Inspectable FOV	10°	10°
Effective focal length	323.9mm	323.9mm
Exit pupil size	ø4.5mm	ø4.5mm
VIS LED color temperature	6000K ± 500K	6000K ± 500K
NIR LED wavelengths	850nm or 940nm	850nm or 940nm
Target reticle diameter	60.2mm	60.2mm

## LED Controller Specifications

Specifications	OSLED-5CH	OSLED-8CH	OSLED-13CH
Weight	4.55kg	5.95kg	6.42kg
Shipping weight	5.55kg	7.1kg	7.42kg
Overall dimensions	Manual: 200mm X 170mm X 340mm   Motorized: 264mm X 182mm X 353mm		
Input Voltage	AC110~220V(50Hz/60Hz)		



OSCM10120-REG-SET (Manual) + IMTS-TPM



OSCM10120M-REG (Motorized)