

# Monitored Light Curtain–DUO

MLC-Kxx-DUO



## AN INVISIBLE BLANKET OF PROTECTION

The Miller Edge Monitored Light Curtain–DUO combines expanded operator compatibility with reliable monitored entrapment protection. Featuring a Dual Universal Output, a single system can support pulsed monitored, normally opening, and normally closed relay output configurations, simplifying specification, inventory, and installation while reducing complexity for installers. With a dense infrared detection field and a 32-foot operating range, the MLC-DUO helps protect people, equipment, and property in demanding commercial door applications.



### APPLICATIONS

- Motorized doors
- High-speed doors

### FEATURES

- Dual Universal Output supports pulsed monitored, normally opening, and normally closed relay outputs
- One device compatible with a wide range of commercial door operators
- Two models:
  - MLC-K36-DUO: 3-ft. protection height, 8 elements
  - MLC-K72-DUO: 6-ft. protection height, 16 elements
- 32 ft. operating range
- Dense thru-beam infrared detection field
- Simplified wiring and installation
- LED indicators for setup and diagnostics
- Universal mounting brackets and extension mounts included
- UL 325 Recognized Component
- 2-year warranty

800-220-3343

[www.milleredge.com](http://www.milleredge.com)





# Monitored Light Curtain—DUO

## MLC-Kxx-DUO

### GENERAL SPECIFICATIONS

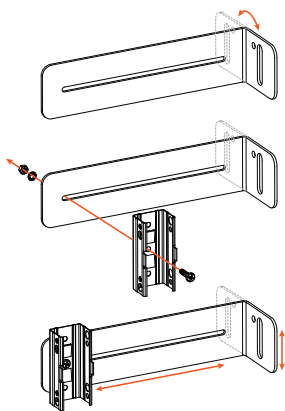
#### PERFORMANCE

Operating Range	8-32 ft. (2-10 m)	
Maximum Ambient Light	>100,000 lux	
Aperture Angle	EM: ±8°	RX: ±15°
Operating Temperature	-40°F to +140°F (-40°C to +60°C)	
Agency Approvals	c  us UL 325 Recognized Component	

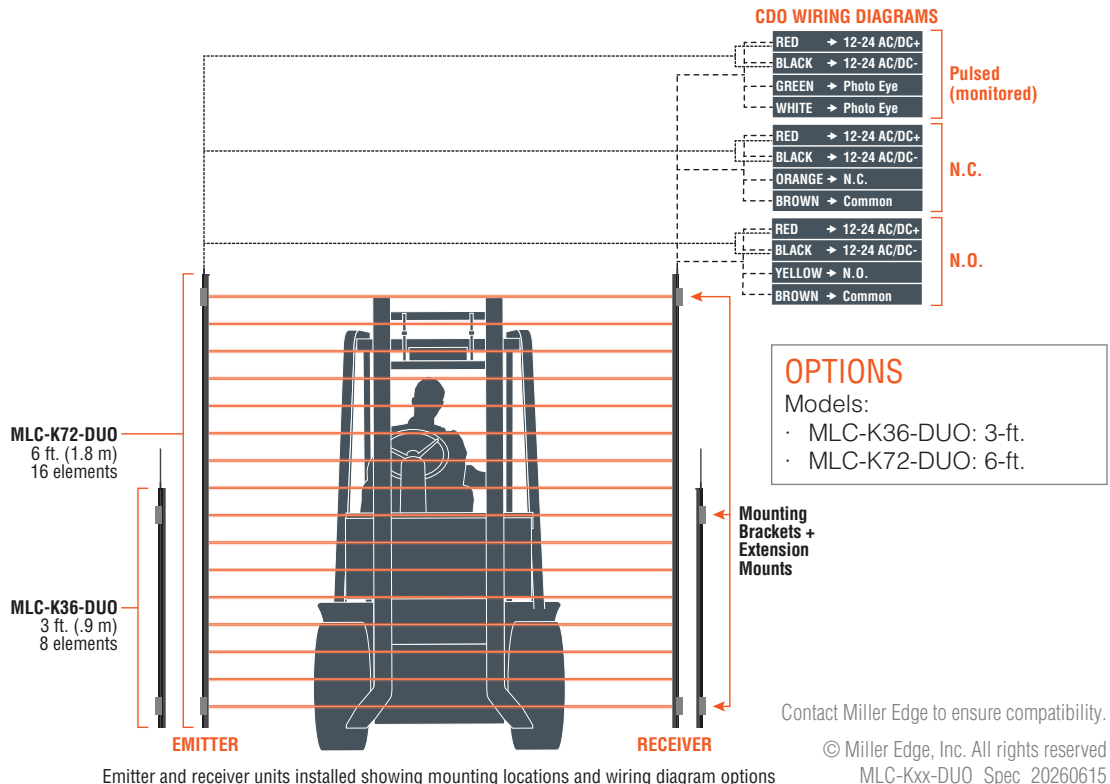
#### ELECTRICAL

Power Source	12-24 volts AC/DC	
Current Consumption	<100 mA @ 24 volts DC	
Output	2-wire pulsed, normally open, normally closed	
Frequency	325 Hz.	

	MLC-K36-DUO	MLC-K72-DUO
<b>PHYSICAL</b>		
Max. Protection Height	36 in. (~1 m)	72 in. (~2 m)
Number of Elements	8 elements	16 elements
Dimensions	1 W x 38 H x 1.1 D in. (25 mm x ~1 m x 28 mm)	1 W x 74 H x 1.1 D in. (25 mm x ~2 m x 28 mm)
Weight	EM: 32 oz.      RX: 32 oz.	EM: 64 oz.      RX: 64 oz.
Housing Material	PVC over aluminum	
LED Indicators	EM: Power      RX: Power, obstruction	EM: Power      RX: Power, obstruction
Cable Length	EM: 50 ft. (15.24 m)      50 ft. (15.24 m)	EM: 50 ft. (15.24 m)      50 ft. (15.24 m)
Mounting	(4) Universal mounting brackets (4) Extension mounts	(4) Universal mounting brackets (4) Extension mounts
Degree of Protection	Not intended for outdoor use	



Connecting the universal mounting bracket to the extension mount—height and depth adjustments shown



Contact Miller Edge to ensure compatibility.

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MLC-Kxx-DUO\_Spec\_20260615

Emitter and receiver units installed showing mounting locations and wiring diagram options