

# Monitored Light Curtain

MLC-K36, MLC-K72



## AN INVISIBLE BLANKET OF PROTECTION

The Miller Edge Monitored Light Curtain is made up of a series of thru-beam photo eyes designed to provide a dense barrier of protection while being monitored for presence and function by the door operator. When interrupted, a signal is sent to the door operator to reverse operation. Light curtains are ideal for environments that require expanded protection for protruding parts that may not be detected by a standard single-beam photo eye mounted 6 inches from the floor. This UL 325 compliant monitored device has the ability to span up to 32 feet wide and comes in 3-foot and 6-foot models.



### APPLICATIONS

- Motorized doors
- High-speed doors

### FEATURES

- Two models:
  - MLC-K36: 3 ft., 8 elements
  - MLC-K72: 6 ft., 16 elements
- 32 ft. operating range
- Monitored entrapment device ideal for commercial door operators manufactured after August 2010
- Simplified wiring; no external interface box
- LED indicators for easy setup and diagnostics
- Thru-beam technology minimizes false reflective signals
- Universal mounting brackets included
- UL 325 Recognized Component
- IP67 waterproof housing
- 2-year warranty

610-869-4422

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







# Monitored Light Curtain

## MLC-K36, MLC-K72



### OPTIONS

- Models:
  - MLC-K36 (monitored )
  - MLC-K72 (monitored )

### RELATED PRODUCTS

- MIRCUCU-02: Infrared Control Unit converts MLC to a non-monitored system

### GENERAL SPECIFICATIONS

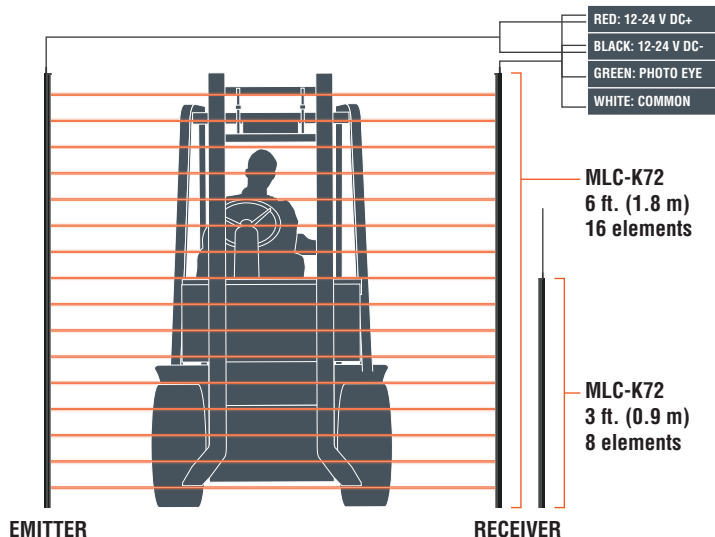
	MLC-K36	MLC-K72
<b>PERFORMANCE</b>		
Operating Range	8-32 ft. (2-10 m)	8-32 ft. (2-10 m)
Number of Elements	8 elements	16 elements
Maximum Ambient Light	>100,000 lux	>100,000 lux
Aperture Angle	EM: $\pm 8^\circ$ RX: $\pm 15^\circ$	EM: $\pm 8^\circ$ RX: $\pm 15^\circ$
Operating Temperature	-40°F to +140°F (-40°C to +60°C)	-40°F to +140°F (-40°C to +60°C)
Agency Approvals	 <b>us</b> UL 325 Recognized Component	 <b>us</b> UL 325 Recognized Component

### ELECTRICAL

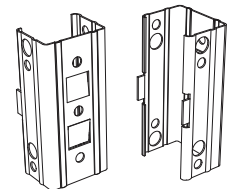
Power Source	12-24 volts AC/DC	12-24 volts AC/DC
Current Consumption	<100 mA @ 24 volts DC	<100 mA @ 24 volts DC
Output	4-wire pulsed (2-power, 2-pulsed)	4-wire pulsed (2-power, 2-pulsed)
Frequency	325 Hz.	325 Hz.

### PHYSICAL

Max. Protection Height	36 in. (~1 m)	72 in. (~2 m)
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	PVC over aluminum
LED Indicators	EM: Power, Obstruction RX: Power	EM: Power, Obstruction RX: Power
Cable Length	EM: 36 in. (~1 m)              RX: 36 in. (~1 m)	EM: 36 in. (~1 m)              RX: 36 in. (~1 m)
Mounting	(4) Universal mounting brackets	(6) Universal mounting brackets
Degree of Protection	IP67	IP67



### COMMERCIAL DOOR OPERATOR



UNIVERSAL MOUNTING BRACKETS

Contact Miller Edge to ensure compatibility.

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