

Light Curtain–DUO

MLC-DUO



AN INVISIBLE BLANKET OF PROTECTION

The Miller Edge Light Curtain–DUO combines expanded operator compatibility with reliable entrapment protection. Featuring a Dual Universal Output, a single system can support pulsed monitored, normally open relay, 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:
 - 2-Wire pulsed monitored output
 - Normally open (N.O.) relay output
 - Normally closed (N.C.) relay output
- 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

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Light Curtain-DOO

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GENERAL SPECIFICATIONS

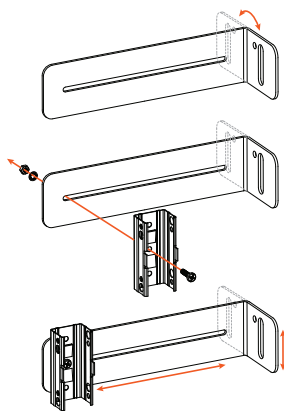
PERFORMANCE

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

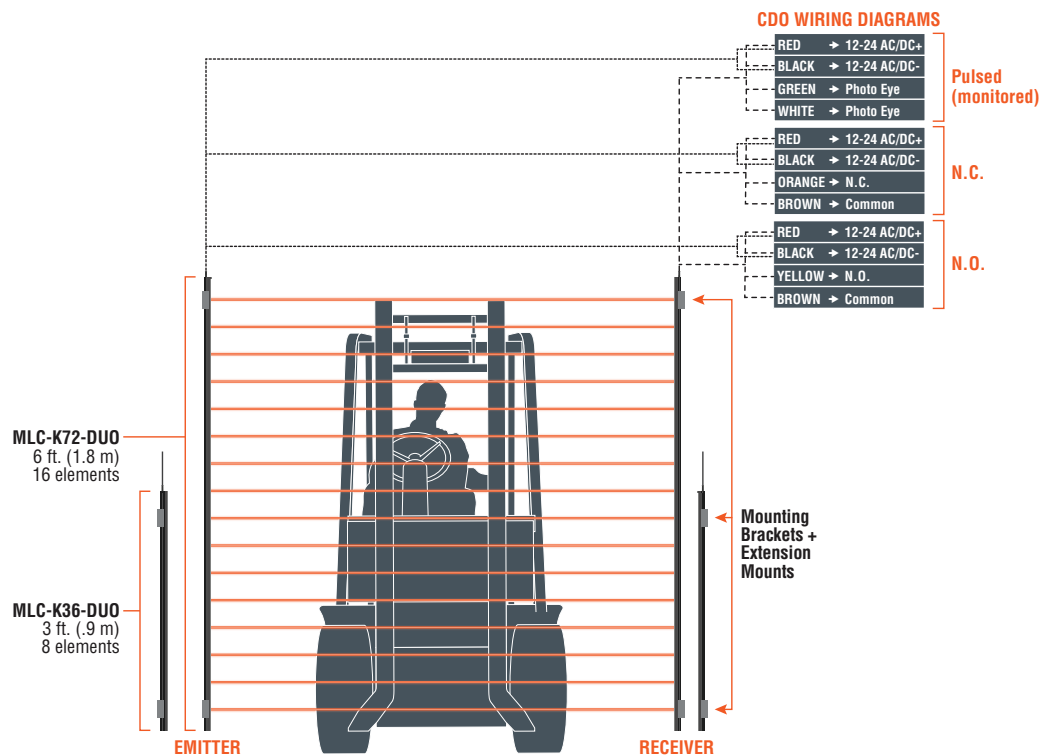
ELECTRICAL

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

	MLC-K36-DOO	MLC-K72-DOO
PHYSICAL		
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	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	Not intended for outdoor use



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



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