

Symmetry Elevating Solutions

Light Curtain

Non-Contact Presence Detection
& Door Reopening System



Light Curtains are **STANDARD** on ALL Symmetry Elevating Solutions Residential Elevator Systems*

**Wrap Around Door System features comparable safety system. Light Curtain not applicable.*

 **symmetry**
ELEVATING SOLUTIONS
National Reach. Local Service.®

- Innovative presence detection technology
- Infrared optics maximize rider safety when doors are closed
- Integrated components require no external control systems

Raising the Standards for Residential Elevator Safety

With the latest ground breaking optics, the infrared light curtain ensures maximum safety by functioning as car door/gate protection until the car door/gate is closed. It then becomes a presence protection system.

With an intelligent self-calibrating system, the LED light curtain is designed for years of additional safety. The light curtain does not require any external control devices.

Additionally, all electronics are integrated into the light edge and the elevator controller itself.



Light Curtain transmitter and receiver

Advantages

- 1/4" thick super slim housing
- True traveling cables with plug-in connections for easy installation
- Light curtain sensors "immune" to sunlight and other intense light sources

Technical Features

Light Curtain

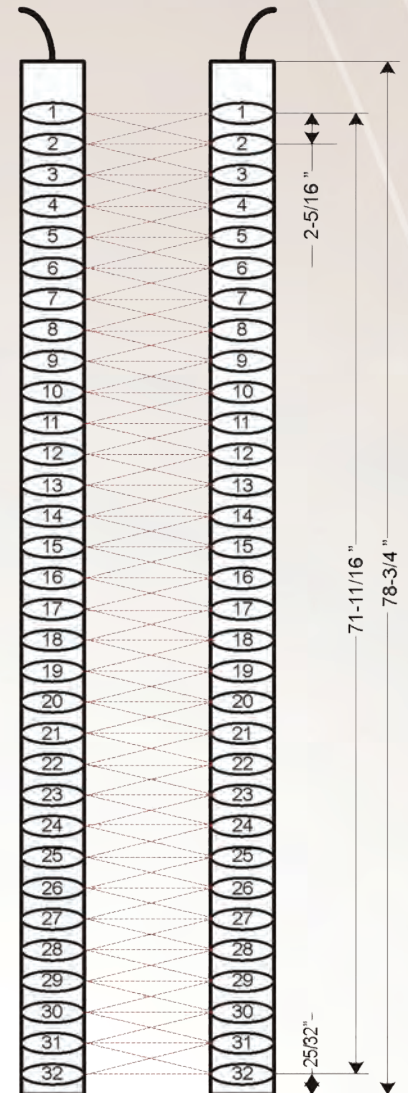
Dimensions	6.6mm x 30mm x 2000mm
Infrared beams	94
Diodes	32 pair
Scan mode	3 ways
Response time	65ms
Diode spacing	59mm
Operating Range	0-3000mm
Detecting height	20mm - 1841mm
Infrared pulse ratio	1:2

Ambient sunlight max	≥ 100,000 LUX
Linear tolerance	± 15mm vert., ± 4mm hor.
Connection cables	3500 mm super strong flex [2]
System indicators	Normal / Interrupted / Faulty
LED indicators	Green x1 / Red x1
Operating temp. range	-20°C to -65°C
Storage temp. range	-40°C to -85°C
IP rating	IP54
Isolation	≥1500V

Power Supply

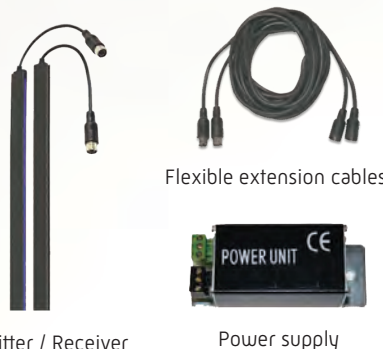
Dimensions	37mm x 42mm x 75mm
Operating Voltage	24VDC
Enclosure	Aluminum module

Output relay capacity	1NO-1NC (AC120V,1A or DC24V,1A)
Operation life	≥10 ⁷
Connection cables	≤3VA



Equipment

- Transmitter (1)
- Receiver (1)
- Power supply (1)
- Flexible extension cables (2)



Transmitter / Receiver

Power supply



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