

## **cegard/Mini family**

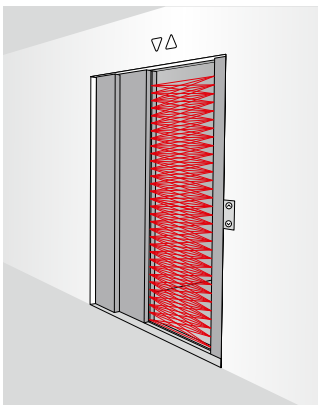
Product overview

**CEDES**  
More than you expect!

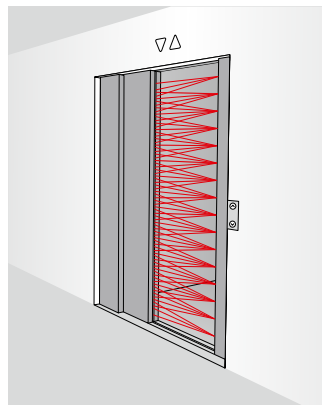


## cegard/Mini

Although optimized for static applications, the cegard/Mini can also be used for dynamic ones. Its compact edges feature an integrated controller and connection cable which allow the light curtain to be easily and quickly installed. The system has a short-circuit-proof semiconductor PNP/NPN output. Combined with a selectable output logic, the cegard/Mini is extremely versatile. The integrated LED display, always clearly visible, indicates the system's status at all times. The cegard/Mini is a proven light curtain, unbeatable in terms of quality and reliability.



Dynamic application



Static application



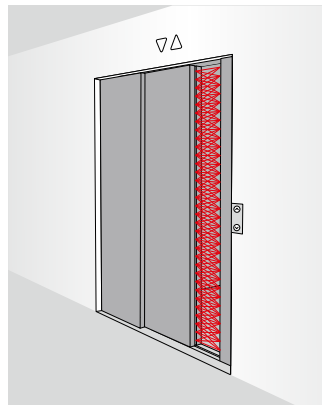
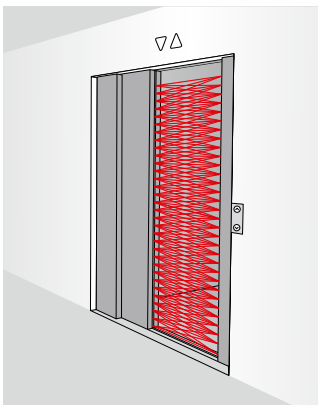
### Features

- Very robust and reliable thanks to proven technology
- Low power consumption
- Integrated controller with LED indicator
- Short-circuit proof semiconductor output PNP/NPN (push-pull)
- Selectable output logic
- No earth necessary
- Edges available in either natural or black anodized aluminum



## cegard/Mini-CC

The cegard/Mini-CC is the latest addition to the top-selling light curtain range from CEDES. As the name suggests, this version offers criss-cross beams, which remain fully active until the doors it is safeguarding are completely closed. This feature, combined with its robust design, make the cegard/Mini-CC ideal for both static and dynamic mounting. It features PNP/NPN (Push-Pull) semiconductor output while the output logic can be connected to the light curtain via a lead. This light curtain can be both front and side mounted. No competitor light curtain offers the features, ease-of-installation, robustness and reliability offered by the CEDES top-seller.



Dynamic application - criss-cross beams active up to complete door closure

### Features

- Criss-cross light beams remain fully active until the doors are completely closed
- Low power consumption
- Integrated controller with LED indicator
- Short-circuit proof semiconductor output PNP/NPN (push-pull)
- Selectable output logic
- No earth necessary

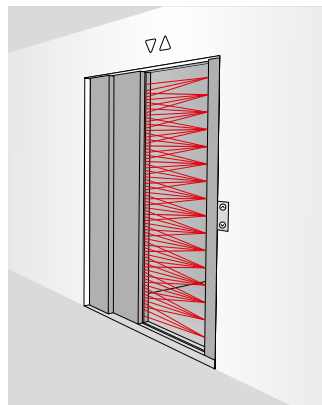


## cegard/Mini-MOD

The cegard/Mini-MOD (for modernization) features the proven and ultra-reliable cegard/Mini light curtain with the universal power supply UPS. This package is the ideal solution when it comes to elevator modernization as integrating the light curtain is quick, easy and cost-efficient. Its operating range and universal voltage of 20 ... 265 VAC/DC, together with the potential-free relay output, means it can be quickly and easily integrated into existing facilities.



Dynamic application



Static application



### Features

- Can be installed anywhere thanks to its range and universal voltage range 20 ... 265 VAC/DC
- Relay output for easy integration into existing systems
- Ideal for retrofitting using different optimized door mounting kits
- Status indication integrated in the edge
- IP67 edges version available
- Edges available in either natural or black anodized aluminum



**cegard/Mini**



**cegard/Mini-CC**



**cegard/Mini-MOD**



**Technical data**

Type	Comfort light curtain	Comfort light curtain	Comfort light curtain
Range (in m)	0 ... 4	0 ... 4	0 ... 5
Maximum ambient light (in Lux)	100,000	100,000	100,000
Monitored height (in mm)	1,800	1,800	1,630 / 1,800 / 1,822
Typical response time	70 ms with 16 elements 120 ms with 32 elements	120 ms	80 ms with 16 elements 105 ms with 24 elements 130 ms with 32 elements
Number of elements	16 / 32	32	16 / 24 / 32
Number of beams	74 / 154	154 criss-cross beams remain active up to complete door closure	74 / 114 / 154
Power supply	10 ... 30 VDC	10 ... 30 VDC	20 ... 265 VAC / DC Universal power supply UPS
Typical power consumption at 24 VDC (without load)	40 mA	40 mA	120 mA
Output	PNP/NPN (push-pull)	PNP/NPN (push-pull)	Relay
Enclosure rating	IP65 / IP67 edges	IP65 / IP67 edges	IP65 / IP67 edges IP54 Universal power supply UPS
Certificates	CE, CSA	CE, CSA	CE, CSA

**Application segment**

New facilities	●	●	
Modernization			●
Customer-specific applications			● (on request)

**Optional**

EN81-20 ready		●	●
Explosive environments (Ex)	●		
Halogen-free cable	●	●	●

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