

## L36

NEW

L36 is an innovative photocell based on time-of-flight (ToF) laser technology, designed for use on gates as a security device.

Compared to traditional photocells, **it does not require two devices or reflectors.**

L36 uses a laser rangefinder to measure the distance to an obstacle.

**LASER**  
Technology



### ORIENTABLE PHOTOCELL

The optics can be horizontally oriented by **180°**



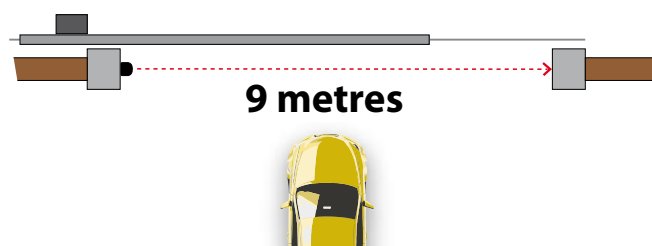
The photocell can be used in 3 different modes:

#### Mode A

##### OPERATION AS A PHOTOCELL

This mode requires a fixed physical reference point opposite the laser rangefinder. Maximum detection distance: 9 m.

The photocell analyses two events. Obstacle detection at shorter distance than the stored distance, during the learning phase.



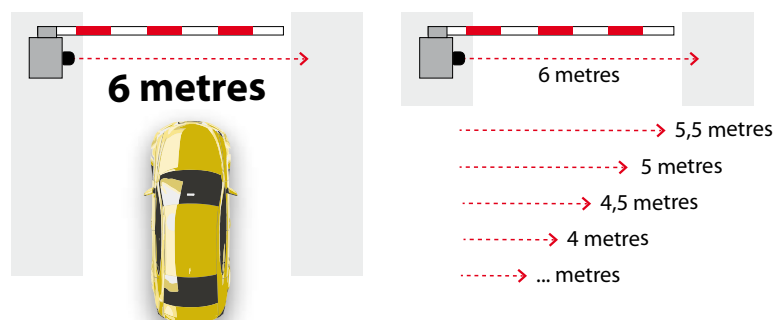
#### Mode B

##### OPERATION AS A PROXIMITY SENSOR

##### (APPROACH PERPENDICULAR TO THE LASER BEAM)

Maximum reading distance 6 m, optimised for detecting movements perpendicular to the beam.

The reading distance is programmable and can be adjusted in increments of 0.5 m during programming.



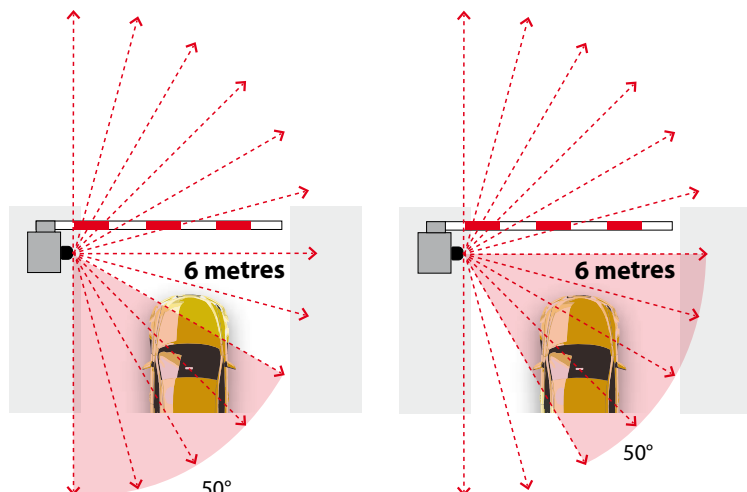
#### Mode C

##### OPERATION AS A SENSOR APPROACHING THE PHOTOCELL FROM ANY DIRECTION

Maximum reading distance 6 m, optimised for detecting movements approaching the photocell from any direction.

The reading distance is programmable and can be adjusted in increments of 0.5 m during programming.

- ..... → 6 metres
- ..... → 5,5 metres
- ..... → 5 metres
- ..... → 4,5 metres
- ..... → 4 metres
- ..... → ... metres





**NO EXCAVATIONS**



**NO BATTERIES**

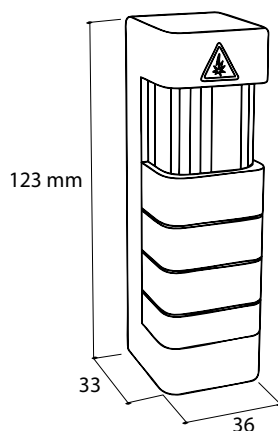


**NO REFLECTORS**

#### INSTALLATION

Optical and acoustic signals: The device communicates its operating status and measurement results via optical and acoustic signals, facilitating diagnosis and setting.

Power supply: 12-24V AC/DC  
 Transmission/reception angle:  $\pm 25^\circ$   
 Head rotation angle:  $180^\circ$   
 Maximum range  
     Mode A: 9 m  
     Modes B and C: 6 m  
 Maximum output load: 30Vdc, 0.5A  
 Operating temperature:  $-10^\circ\text{C}$  to  $+60^\circ\text{C}$   
 Protection class: IP54  
 Dimensions: 36x123x33 mm  
 Weight: 69 g



**APE - 171 / 3030**



**L36**

Laser sensor for industrial  
gates and doors

#### Accessories

**APE - 550 / 5061**



**DORICA 50**  
 Column h=500 mm  
 with fixing base  
 in technopolymer  
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