### ARGES Reflex Photocell

The ARGES Reflex Photocell consists of a transmitter and a reflector unit. The transmitter produces an infrared beam that is reflected on the photocell reflector, which serves as a mirror when correctly aligned opposite. Anything or anyone that crosses the field of the beam creates an interruption which is instantly reported to a timing device accordingly to meet the International Sport Federations standards. The ARGES Reflex Photocell allows a simple and constant monitoring of the cell alignment. It features an internal and accessible battery lodging and can also be connected to an external battery or a DC power supply. The two outputs contacts allow to connect the ARGES to two different timing devices simultaneously (main & back-up for example). The new ARGES Reflex Photocell also features a completely accessible DIL switch panel on the side of the photocell allowing users to choose from the many operating modes and options. The ARGES Reflex Photocell is a highly precise and reliable timing device even in extreme meteorological conditions and temperatures.

### Overview

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### Top features

- Distance between cell and reflector up to 30 m
- 2 non-polarized output contacts
- Interruption auto detection
- Maximum security
- Easy monitoring
- Internal or external battery or DC supply
- Battery level and receiver signal level indicator
- Meet the FIS & FEI standards
- Pulse duration selector (1ms, 100 ms or beam signal)
- Normally open/Normally close contact selector

### Available types & options

- 3459.900: ARGES photocell, no support
- 3459.910: ARGES photocell, ball head support
- 3459.920: ARGES photocell, 2 axis support

### Connections and UI

1. ON/OFF switch
2. Rotary push/schwing button
3. 4 LEDs indicator (battery level & reception power signal level)
4. Output contact 1
5. Output contact 2, external power input & alignment level

### Specifications

- **Article number:** 3459.900
- **Battery type:** 3xAA or UM-3
- **Average battery life:** ~ 20h (with alkaline batteries)
- **Battery indicator:** 4 levels battery symbol
- **Dimensions:** 188 x 57 x 95 mm
- **Photocell weight:** 915 g (incl. batteries)
- **Reflector weight:** 160 g
- **Fixing:** UNC 1/4" mounting thread
- **Operating temperature:** -30°C to 70°C
- **Operating distance:** up to 30m
- **Response time:** < 1 ms sensing time
- **Relative humidity:** up to 95% (non-condensing)
- **Protection class:** IP54
- **Certifications:** and RoHS compliant

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- 2 non-polarized output contacts
- Interruption auto detection
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- Internal or external battery or DC supply
- Battery level and receiver signal level indicator
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Available types & options
3459.900: ARGES photocell, no support
3459.910: ARGES photocell, ball head support
3459.920: ARGES photocell, 2 axis support

Specifications
- Article number: 3459.900
- Battery type: 3xAA or UM-3
- Average battery life: ~ 20h (with alkaline batteries)
- Battery indicator: 4 levels battery symbol
- Dimensions: 188 x 57 x 95 mm
- Photocell weight: 915 g (incl. batteries)
- Reflector weight: 160 g
- Fixing: UNC 1/4” mounting thread
- Operating temperature: -30°C to 70°C
- Storage temperature: -40°C to 85°C
- Operating distance: up to 30m
- Response time: < 1 ms sensing time
- Relative humidity: up to 95% (non-condensing)
- Protection class: IP54
- Certifications: CE and RoHS compliant

Connections and UI
1. ON/OFF switch
2. Rotary push/switch button
3. 4 LEDs indicator (battery level & reception power signal level)
4. Output contact 1
5. Output contact 2, external power input & alignment level