

MULTI SPORTS



ARGES Reflex Photocell

Overview



ARGES Reflex Photocell, front view with its optional Deluxe support, along with the photoreflexor

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.

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/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

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



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