

Light

Scenario range lighting

LED luminaires for indoor ranges, configured with 1 to 5 modules. The lighting is controlled by scenario: from full working light to night conditions and battlefield simulation.

Key features

Scenarios. The lighting runs in the same scenario as the target carriers, targets and range sound.

Adjustment. Brightness is adjustable over 0-100 % in 1 % steps, for each luminaire separately or for a group of luminaires.

Control. From the RangeTech Master application, including from a firing point tablet. Each luminaire individually, in a group or in a scenario.

Design

Housing. Height 60 mm, ingress protection IP44.

LED modules. 1 to 5 modules, 5000 K, CRI above 75. Each module has its own current control channel.

Power supply. Power and control module with a 230 V power supply. The luminaires operate at safety extra-low voltage.

Mounting. Horizontal, on steel brackets welded to the ballistic baffle.

Applications

Night shooting. Twilight, darkness and light transitions during an exercise.

Battlefield simulation. Simulation of explosions and lightning in a scenario with targets and range sound.

Strobe. Frequency 1-25 Hz, adjustable flash duration.

Working light. Full light for qualification shoots or illumination of selected firing points.

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Technical data

Luminaire power	35-175 W, depending on the number of LED modules
LED modules	1 to 5, approx. 6000 lm each, separate current control channels
Colour temperature	5000 K
Colour rendering index	CRI above 75
Dimming	0-100 % in 1 % steps, each luminaire separately or in groups
Strobe	1-25 Hz, adjustable frequency and flash duration
Housing	height 60 mm, horizontal mounting on steel brackets
Ingress protection	IP44
Power supply	230 V power supply, operation at safety extra-low voltage
Control	RangeTech Master, individually, in groups or in a scenario
Operating temperature	-20 to +60 °C

Meets the requirements of Decision No. 703 of the Polish Chief of Police of 14.12.2006 for police training ranges.

Service

Replaceable modules shorten diagnostics and repair. We provide remote technical support.

Integration

Part of the RangeTech system. Works with the Basic and Nucleus target carriers, range sound and reactive targets. Controlled from the RangeTech Master application.