


## WRL 0220 6-LED MODULE



### TECHNICAL SPECIFICATIONS

Operating Voltage	10VDC - 30VDC
Nominal Voltage	12VDC / 24VDC
Current Consumption	0.3- 0.7A
Dome Color	Black housing, clear top cover
LED Color	
Lens Color	Clear, colorless
Flash Frequency	1 - 20Hz.
Number of Flash Patterns	External control, trigger-controlled, or internal processor versions with 18 flash modes.
Synchronization	Processor generates its own mode; identical modules operate synchronously
Special Features	Waterproof structure, high-efficiency optical lens, homogeneous light distribution, independently controllable 3+3 LED structure
Interface	Control via ZER products
Cable Length	100mm
Mounting Type	Optional mounting compatible with all vehicle types
Length	150mm
Width	32mm
Height	24mm
Weight	100gr
Protection Rating	IP65
Approvals / Certifications	ECE R10, ECE R65, IP65
LED Lifetime	50,000 hours
Operating Temperature	-40 °C ~ 65 °C
Warranty Period	2 years
Applications	Police, Gendarmerie, Ambulance, Fire Brigade, Airport, Municipality, Highways, Special Service Vehicles, Tow Trucks

### ADVANTAGES

- Compatibility with all system types through three different hardware options: External control, Trigger-controlled operation, or Internal processor versions.
- In the processor-integrated version, intelligent mode/flash functionality operates without the need for external control.
- Modules connected via a synchronization cable operate automatically in perfect synchronization.
- Thanks to the trigger-input architecture, module activation integrates seamlessly with compatible control drivers.
- The component-free version allows direct driving, providing a flexible and modular structure.
- Maximum visibility ensured by a high-efficiency, specially designed optical lens.
- Fresnel lens technology delivers uniform and homogeneous light distribution.
- Flash patterns capable of operating in synchronization with ZER products.
- Low power consumption enables high energy efficiency.
- Waterproof construction resistant to harsh environmental conditions.
- UV-resistant polycarbonate outer housing.
- Independent control capability with 18 different flash modes.
- Separately controllable 3+3 LED structure, allowing different colors on the right and left sides.
- Compatible with all vehicle types through optional mounting accessories.
- Lightweight design for easy and fast integration.
- Compliant with international standards through ECE R10 and ECE R65 certifications.
- Long-life LED technology with a lifespan of 50,000 hours.
- Wide operating temperature range from -40 °C to +65 °C.
- Reliable performance supported by a 2-year warranty.
- Automatic Voltage Protection:
  - For 12 VDC units, protection activates between 10.5 VDC – 17 VDC;
  - for 24 VDC units, between 17 VDC – 30 VDC, automatically safeguarding the device.

