





LBE 0919 DOUBLE-LAYER RAINBOW WITH INTEGRATED SPEAKER



TECHNICAL SPECIFICATIONS

Operating Voltage	10VDC - 30VDC
Nominal Voltage	12VDC / 24VDC
Current Consumption	0 - 15A
Dome Color	
LED Color	 RBAW LED with multiple color options
Lens Color	Clear, colorless
Flash Frequency	1 - 20Hz.
Number of Flash Patterns	20 patterns, configurable and increaseable via interface
Synchronization	Available
Special Features	Night/day sensor, traffic clearing and directing modes, control via ZER user interface, dedicated high-illumination LEDs for street lighting function
Interface	Controlled via ZER user interface
Cable Length	Varies depending on the vehicle
Mounting Type	Compatible with all vehicle mounting brackets
Length	1140mm, 1210mm, 1360mm, 1430mm
Width	380mm
Height	85mm
Weight	1140mm: 12.9kg, 1210mm: 13.2kg, 1360mm: 13.8kg, 1430mm: 14.1kg
Protection Rating	IP65
Approvals / Certifications	SAE J845, SAE J578, SAE J1849, 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 Department, Airports, Municipalities, Highway Authorities, Official Vehicles, Tow Trucks

ADVANTAGES

- Aerodynamic, compact design with a low-profile height of only 85 mm, excluding mounting brackets.
- It offers fast and secure installation via an optional roof connector.
- It allows easy integration with vehicle-compatible mounting brackets.
- It offers unlimited color options thanks to RBAW LED technology.
- It features a special Fresnel lens design that provides high brightness using 3 W power LEDs.
- The front side includes 6 LED modules with a traffic clearing mode.
- The rear side features an amber-colored traffic directing system with 8 modules operating in 5 different modes.
- It automatically adjusts brightness according to ambient light with a night/day sensor.
- It allows the creation of new flash patterns and modification of flash sequence through the ZER user interface.
- The second-layer LEDs of the lightbar are dedicated to the Street Mode function, providing improved operational awareness and enhanced safety.
- It enables color adjustment for each module through the ZER user interface.
- It provides maximum sound performance thanks to a high-efficiency neodymium magnet speaker.
- IP65 protection and a UV-resistant polycarbonate housing ensure durability in harsh environmental conditions.
- Automatic voltage protection is provided as follows: for 12 VDC devices, the system protects itself between 10 VDC and 17 VDC; for 24 VDC devices, between 17 VDC and 30 VDC.
- It is equipped with an integrated 100 W speaker module positioned in the center section.
- It is ideal for use on Police, Gendarmerie, Fire Department, Ambulance, Municipal, Highway Authority, Official Vehicles, Tow Trucks and Special Service Vehicles.







LBE 0919 SINGLE-LAYER RAINBOW LIGHTBAR WITH INTEGRATED SPEAKER



TEKNİK ÖZELLİKLER

Operating Voltage	10VDC - 30VDC
Nominal Voltage	12VDC / 24VDC
Current Consumption	0 -10A
Dome Color	
LED Color	 RBAW LED with multiple color options
Lens Color	Clear, colorless
Flash Frequency	1 - 20Hz.
Number of Flash Patterns	20 patterns, configurable and increaseable via interface
Synchronization	Available
Special Features	Night/day sensor, traffic clearing and directing modes, control via ZER user interface, high resistance to harsh environmental conditions, aluminum housing
Interface	Controlled via ZER user interface
Cable Length	Varies depending on the vehicle
Mounting Type	Compatible with all vehicle mounting brackets
Length	1140mm, 1210mm, 1360mm, 1430mm
Width	380mm
Height	85mm
Weight	1140mm: 12.7kg, 1210mm: 13kg, 1360mm: 13.6kg, 1430mm: 13.9kg
Protection Rating	IP65
Approvals / Certifications	SAE J845, SAE J578, SAE J1849, 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 Department, Airports, Municipalities, Highway Authorities, Official Vehicles, Tow Trucks

ADVANTAGES

- Aerodynamic, compact design with a low-profile height of only 85 mm, excluding mounting brackets.
- It offers fast and secure installation via an optional roof connector.
- It allows easy integration with vehicle-compatible mounting brackets.
- It offers unlimited color options thanks to RBAW LED technology.
- It features a special Fresnel lens design that provides high brightness using 3 W power LEDs.
- The front side includes 6 LED modules with a traffic clearing mode.
- The rear side features an amber-colored traffic directing system with 8 modules operating in 5 different modes.
- It automatically adjusts brightness according to ambient light with a night/day sensor.
- It allows the creation of new flash patterns and modification of flash sequence through the ZER user interface.
- It enables color adjustment for each module through the ZER user interface.
- It provides maximum sound performance thanks to a high-efficiency neodymium magnet speaker.
- IP65 protection and a UV-resistant polycarbonate housing ensure durability in harsh environmental conditions.
- Automatic voltage protection is provided as follows: for 12 VDC devices, the system protects itself between 10 VDC and 17 VDC; for 24 VDC devices, between 17 VDC and 30 VDC.
- It is equipped with an integrated 100 W speaker module positioned in the center section.
- It is ideal for use on Police, Gendarmerie, Fire Department, Ambulance, Municipal, Highway Authority, Official Vehicles, Tow Trucks and Special Service Vehicles.







LBE 0919 DOUBLE-LAYER SPEAKERLESS RAINBOW LIGHTBAR



TECHNICAL SPECIFICATIONS

Operating Voltage	10VDC - 30VDC
Nominal Voltage	12VDC / 24VDC
Current Consumption	0 -10A
Dome Color	
LED Color	 RBAW LED with multiple color options
Lens Color	Clear, colorless
Flash Frequency	1 - 20Hz.
Number of Flash Patterns	20 patterns, expandable and customizable via interface
Synchronization	Available
Special Features	Day/Night sensor, traffic clearing and traffic direction modes, control via ZER user interface, dedicated high-illumination LEDs for street lighting function
Interface	Controlled via ZER user interface
Cable Length	Varies depending on vehicle
Mounting Type	Mounting brackets compatible with all vehicle types
Length	1030mm, 1140mm, 1210mm, 1360mm, 1430mm
Width	380mm
Height	85mm
Weight	1030mm: 12.7kg, 1140mm: 13kg, 1210mm: 13.3kg, 1360mm: 13.9kg, 1430mm: 14.2.kg
Protection Rating	IP65
Approvals / Certifications	SAE J845, SAE J578, 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 Department, Airports, Municipal Vehicles, Highways, Official Vehicles, Tow Trucks

ADVANTAGES

- Aerodynamic, compact design with a low-profile height of only 85 mm, excluding mounting brackets.
- Fast and secure installation via roof connector (optional)
- Easy integration with vehicle-specific mounting brackets compatible with all vehicle types
- Unlimited color options thanks to RBAW LED technology
- Special Fresnel lens design with 3W high-power LEDs providing high brightness
- 6 LED traffic clearing modules located on the front side
- 8 amber LED modules on the rear side operating in 5 different traffic direction modes
- Automatic brightness adjustment based on ambient light with day/night sensor
- Ability to create new flash modes and change mode sequence via ZER user interface
- The second-layer LEDs of the lightbar are dedicated to the Street Mode function, providing improved operational awareness and enhanced safety.
- Individual color adjustment for each module via ZER user interface
- IP65 protection and a UV-resistant polycarbonate housing ensure durability in harsh environmental conditions.
- Ideal for Police, Gendarmerie, Fire Brigade, Ambulance, Municipal and Special Service Vehicles
- Optional magnetic mounting and cigarette lighter power connection (for mini versions)
- Automatic Voltage Protection: For 12VDC systems: device enters protection between 10VDC – 17VDC, For 24VDC systems: device enters protection between 17VDC – 30VDC







LBE 0919 SINGLE-LAYER SPEAKERLESS RAINBOW LIGHTBAR



TECHNICAL SPECIFICATIONS

Operating Voltage	10VDC - 30VDC
Nominal Voltage	12VDC / 24VDC
Current Consumption	0 -10A
Dome Color	
LED Color	 RBAW LED with multiple color options
Lens Color	Clear, colorless
Flash Frequency	1 - 20Hz.
Number of Flash Patterns	20 patterns, expandable and configurable via interface
Synchronization	Available
Special Features	Day/Night sensor, traffic clearing modes, control via ZER user interface, environmentally resistant aluminum housing
Interface	Controlled via ZER user interface
Cable Length	Varies depending on vehicle
Mounting Type	Vehicle-compatible mounting brackets
Length	1030mm, 1140mm, 1210mm, 1360mm, 1430mm
Width	380mm
Height	85mm
Weight	1030mm: 9.3kg, 1140mm: 9.6kg, 1210mm: 9.9kg, 1360mm: 10.2kg, 1430mm: 10.5kg
Protection Rating	IP65
Approvals / Certifications	SAE J845, SAE J578, ECE R10, ECE R65, IP65,
LED Lifetime	50.000 saat
Operating Temperature	-40 °C ~ 65 °C
Warranty Period	2 years
Applications	Police, Gendarmerie, Ambulance, Fire Department, Airports, Municipal Vehicles, Highways, Official Vehicles, Tow Trucks

ADVANTAGES

- Aerodynamic, compact design with a low-profile height of only 85 mm, excluding mounting brackets.
- Fast and secure installation via roof connector (optional)
- Easy integration with vehicle-specific mounting brackets compatible with all vehicle types
- Unlimited color options thanks to RBAW LED technology
- Special Fresnel lens design with 3W high-power LEDs providing high brightness
- 6 LED traffic clearing modules located on the front side
- 8 amber LED modules on the rear side operating in 5 different traffic direction modes
- Automatic brightness adjustment based on ambient light with day/night sensor
- Ability to create new flash modes and change mode sequence via ZER user interface
- Individual color adjustment for each module via ZER user interface
- IP65 protection and a UV-resistant polycarbonate housing ensure durability in harsh environmental conditions.
- Ideal for Police, Gendarmerie, Fire Brigade, Ambulance, Municipal and Special Service Vehicles
- Optional magnetic mounting and cigarette lighter power connection (for mini versions)
- Automatic Voltage Protection: For 12VDC systems: device enters protection between 10VDC – 17VDC, For 24VDC systems: device enters protection between 17VDC – 30VDC







LBE 0919 BATTERY-POWERED / RECHARGEABLE RAINBOW LIGHTBAR

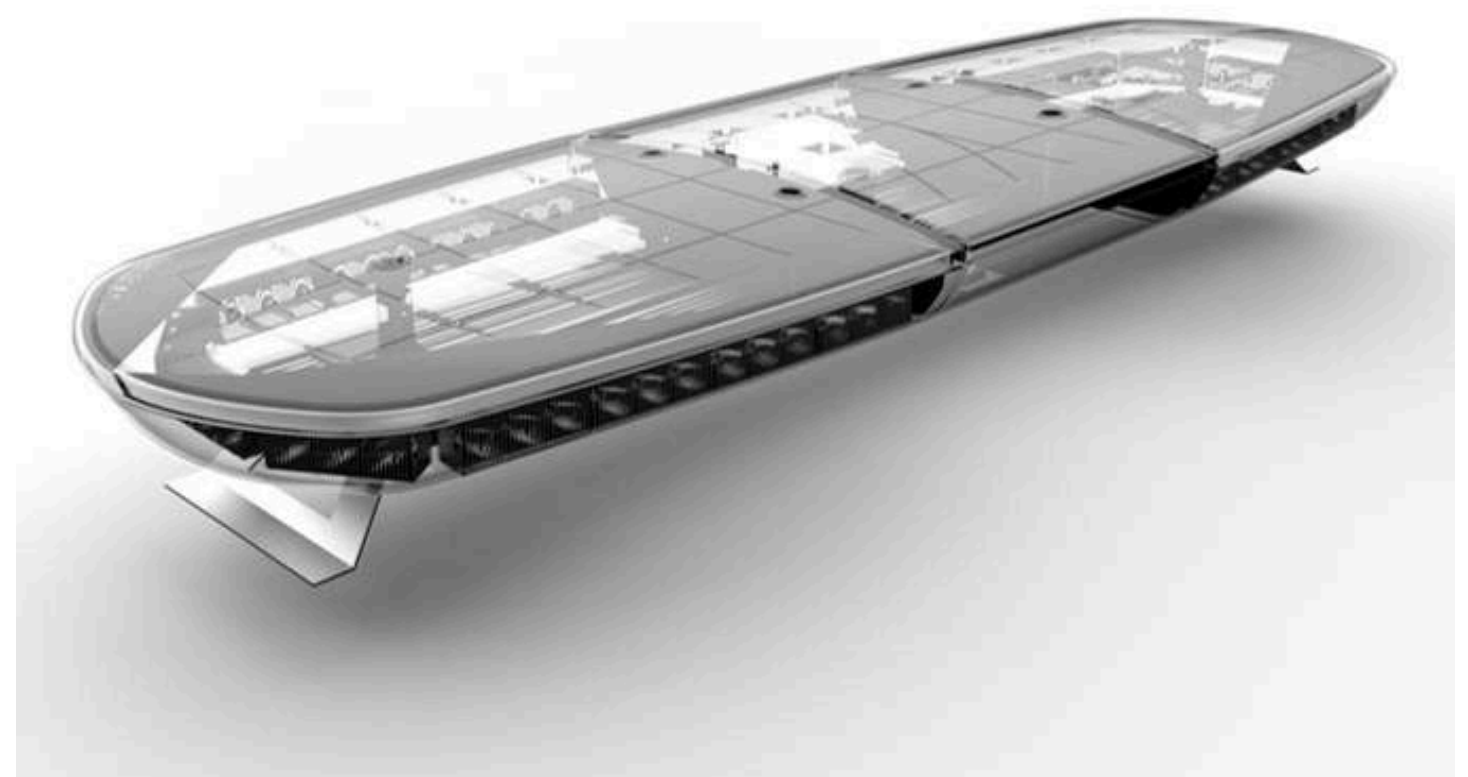


TECHNICAL SPECIFICATIONS

Operating Voltage	10VDC - 30VDC
Nominal Voltage	12VDC / 24VDC
Current Consumption	0 -10A
Dome Color	
LED Color	 RBAW LED with multiple color options
Lens Color	Clear, colorless
Flash Frequency	1 - 20Hz.
Number of Flash Patterns	20 patterns, expandable via interface
Synchronization	Available
Special Features	Day/Night sensor, traffic clearing and directing modes, ZER user interface control, aluminum housing
Interface	ZER user interface
Cable Length	Vehicle dependent
Mounting Type	Vehicle-compatible mounting brackets
Length	1140mm, 1210mm, 1360mm, 1430mm
Width	380mm
Height	85mm
Weight	1030mm: 8.5kg, 1140mm: 10.2kg, 1210mm: 11.2kg, 1360mm: 13.1kg, 1430mm: 14kg
Protection Rating	IP65
Approvals / Certifications	SAE J845, SAE J578, EN 300-440-2, 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 Department, Airports, Municipal Vehicles, Highways, Official Vehicles, Tow Trucks

ADVANTAGES

- Aerodynamic, compact design with a low-profile height of only 85 mm, excluding mounting brackets.
- Fast and secure installation via roof connector (optional)
- Easy integration with vehicle-specific mounting brackets compatible with all vehicle types
- Unlimited color options thanks to RBAW LED technology
- Special Fresnel lens design with 3W high-power LEDs providing high brightness
- 6 LED traffic clearing modules located on the front side
- 8 amber LED modules on the rear side operating in 5 different traffic direction modes
- Automatic brightness adjustment based on ambient light with day/night sensor
- Ability to create new flash modes and change mode sequence via ZER user interface
- Individual color adjustment for each module via ZER user interface
- IP65 protection and a UV-resistant polycarbonate housing ensure durability in harsh environmental conditions.
- Ideal for Police, Gendarmerie, Fire Brigade, Ambulance, Municipal and Special Service Vehicles
- Optional magnetic mounting and cigarette lighter power connection (for mini versions)
- Automatic Voltage Protection: For 12VDC systems: device enters protection between 10VDC – 17VDC, For 24VDC systems: device enters protection between 17VDC –





LLB / LBC 0801 SPEAKER SINGLE LAYER LIGHTBAR



TECHNICAL SPECIFICATIONS

Operating Voltage	10VDC - 30VDC
Nominal Voltage	12VDC / 24VDC
Current Consumption	0 -10A
Dome Color	
LED Color	
Lens Color	Clear, colorless
Flash Frequency	1 - 20Hz.
Number of Flash Patterns	5 patterns, expandable and customizable via interface
Synchronization	Available
Special Features	Night/Day sensor, control via ZER user interface, aluminum body resistant to environmental conditions
Interface	Control via ZER user interface
Cable Length	Varies depending on vehicle
Mounting Type	Compatible mounting brackets for all vehicles
Length	1140mm, 1210mm, 1360mm, 1430mm
Width	380mm
Height	85mm
Weight	1030mm: 12.3kg, 1140mm: 12.7kg, 1210mm: 13kg, 1360mm: 13.6kg, 1430mm: 13.9kg
Protection Rating	IP65
Approvals / Certifications	SAE J845, SAE J578, SAE J1849, 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 Department, Airports, Municipal Vehicles, Highways, Official Vehicles, Tow Trucks

ADVANTAGES

- Aerodynamic, compact design with a low-profile height of only 85 mm, excluding mounting brackets.
- Fast and secure installation via roof connector, optional
- Easy integration with vehicle-specific mounting brackets
- High-brightness special fresnel lens LED module design
- Fixed-color LED modules consisting of 3 LEDs, total 9W power
- Optional color combinations can be created with fixed-color LED modules
- Optional Night/Day sensor providing automatic light adjustment based on ambient light
- Ability to create new flash patterns and change pattern sequences via ZER user interface
- IP65 protection and a UV-resistant polycarbonate housing ensure durability in harsh environmental conditions.
- Integrated 100W speaker module in the center section
- Automatic Voltage Protection: 10VDC – 17VDC for 12VDC systems, 17VDC – 30VDC for 24VDC systems, device automatically enters protection mode
- Ideal use for Police, Gendarmerie, Fire Department, Ambulance, Municipality, Highways, Official Vehicles, Tow Trucks and Special Service Vehicles





LLB / LBC 0801 SPEAKER DOUBLE LAYER LIGHTBAR



TECHNICAL SPECIFICATIONS

Operating Voltage	10VDC - 30VDC
Nominal Voltage	12VDC / 24VDC
Current Consumption	0 -15A
Dome Color	
LED Color	
Lens Color	Clear, colorless
Flash Frequency	1 - 20Hz.
Number of Flash Patterns	5 patterns, expandable and customizable via interface
Synchronization	Available
Special Features	Night/Day sensor, control via ZER user interface, aluminum body resistant to environmental conditions, dedicated high-illumination LEDs for street lighting function
Interface	Control via ZER user interface
Cable Length	Varies depending on vehicle
Mounting Type	Compatible mounting brackets for all vehicles
Length	1140mm, 1210mm, 1360mm, 1430mm
Width	380mm
Height	85mm
Weight	1030mm: 12.6kg, 1140mm: 12.9kg, 1210mm: 13.2kg, 1360mm: 13.8kg, 1430mm: 14.1kg
Protection Rating	IP65
Approvals / Certifications	SAE J845, SAE J578, SAE J1849, 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 Department, Airports, Municipal Vehicles, Highways, Official Vehicles, Tow Trucks

ADVANTAGES

- Aerodynamic, compact design with a low-profile height of only 85 mm, excluding mounting brackets.
- Fast and secure installation via roof connector, optional
- Easy integration with vehicle-specific mounting brackets
- High-brightness special fresnel lens LED module design
- Fixed-color LED modules consisting of 3 LEDs, total 9W power
- Optional color combinations can be created with fixed-color LED modules
- Optional Night/Day sensor providing automatic light adjustment based on ambient light
- Ability to create new flash patterns and change pattern sequences via ZER user interface
- The second-layer LEDs of the lightbar are dedicated to the Street Mode function, providing improved operational awareness and enhanced safety.
- IP65 protection and a UV-resistant polycarbonate housing ensure durability in harsh environmental conditions.
- Integrated 100W speaker module in the center section
- Automatic Voltage Protection: 10VDC – 17VDC for 12VDC systems, 17VDC – 30VDC for 24VDC systems, device automatically enters protection mode
- Ideal use for Police, Gendarmerie, Fire Department, Ambulance, Municipality, Highways, Official Vehicles, Tow Trucks and Special Service Vehicles







LLB / LBC 0801 SPEAKERLESS SINGLE LAYER LIGHTBAR

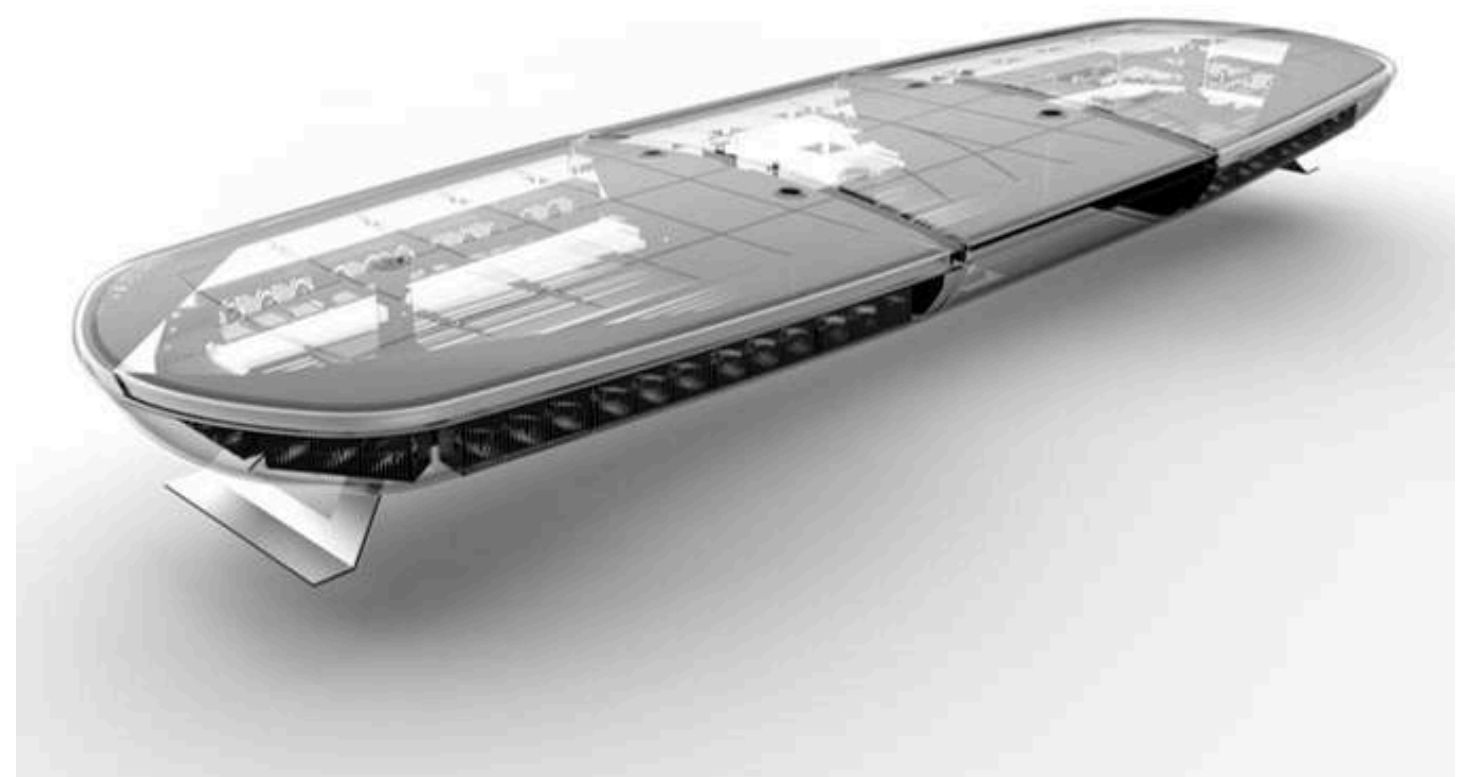


TECHNICAL SPECIFICATIONS

Operating Voltage	10VDC - 30VDC
Nominal Voltage	12VDC / 24VDC
Current Consumption	0 -7A
Dome Color	
LED Color	
Lens Color	Clear, colorless
Flash Frequency	1 - 20Hz.
Number of Flash Patterns	5 patterns, expandable and customizable via interface
Synchronization	Available
Special Features	Night/Day sensor, control via ZER user interface, aluminum body resistant to environmental conditions
Interface	Control via ZER user interface
Cable Length	Varies depending on vehicle
Mounting Type	Compatible mounting brackets for all vehicles
Length	1140mm, 1210mm, 1360mm, 1430mm
Width	380mm
Height	85mm
Weight	1030mm: 9.3kg, 1140mm: 9.6kg, 1210mm: 9.9kg, 1360mm: 10.2kg, 1430mm: 10.5kg
Protection Rating	IP65
Approvals / Certifications	SAE J845, SAE J578, 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 Department, Airports, Municipal Vehicles, Highways, Official Vehicles, Tow Trucks

ADVANTAGES

- Aerodynamic, compact design with a low-profile height of only 85 mm, excluding mounting brackets.
- Fast and secure installation via roof connector, optional
- Easy integration with vehicle-specific mounting brackets
- High-brightness special fresnel lens LED module design
- Fixed-color LED modules consisting of 3 LEDs, total 9W power
- Optional color combinations can be created with fixed-color LED modules
- Optional Night/Day sensor providing automatic light adjustment based on ambient light
- Ability to create new flash patterns and change pattern sequences via ZER user interface
- IP65 protection and a UV-resistant polycarbonate housing ensure durability in harsh environmental conditions.
- Automatic Voltage Protection: 10VDC – 17VDC for 12VDC systems, 17VDC – 30VDC for 24VDC systems, device automatically enters protection mode
- Ideal use for Police, Gendarmerie, Fire Department, Ambulance, Municipality, Highways, Official Vehicles, Tow Trucks and Special Service Vehicles







LLB / LBC 0801 SPEAKERLESS DOUBLE LAYER LIGHTBAR



TECHNICAL SPECIFICATIONS

Operating Voltage	10VDC - 30VDC
Nominal Voltage	12VDC / 24VDC
Current Consumption	0 -10A
Dome Color	
LED Color	
Lens Color	Clear, colorless
Flash Frequency	1 - 20Hz.
Number of Flash Patterns	5 patterns, expandable and customizable via interface
Synchronization	Available
Special Features	Night/Day sensor, control via ZER user interface, aluminum body resistant to environmental conditions, dedicated high-illumination LEDs for street lighting function
Interface	Control via ZER user interface
Cable Length	Varies depending on vehicle
Mounting Type	Compatible mounting brackets for all vehicles
Length	1140mm, 1210mm, 1360mm, 1430mm
Width	380mm
Height	85mm
Weight	1030mm: 12.7kg, 1140mm: 13kg, 1210mm: 13.3kg, 1360mm: 13.9kg, 1430mm: 14.2kg
Protection Rating	IP65
Approvals / Certifications	SAE J845, SAE J578, 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 Department, Airports, Municipal Vehicles, Highways, Official Vehicles, Tow Trucks

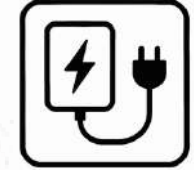
ADVANTAGES

- Aerodynamic, compact design with a low-profile height of only 85 mm, excluding mounting brackets.
- Fast and secure installation via roof connector, optional
- Easy integration with vehicle-specific mounting brackets
- High-brightness special fresnel lens LED module design
- Fixed-color LED modules consisting of 3 LEDs, total 9W power
- Optional color combinations can be created with fixed-color LED modules
- Optional Night/Day sensor providing automatic light adjustment based on ambient light
- Ability to create new flash patterns and change pattern sequences via ZER user interface
- The second-layer LEDs of the lightbar are dedicated to the Street Mode function, providing improved operational awareness and enhanced safety.
- IP65 protection and a UV-resistant polycarbonate housing ensure durability in harsh environmental conditions.
- Automatic Voltage Protection: 10VDC – 17VDC for 12VDC systems, 17VDC – 30VDC for 24VDC systems, device automatically enters protection mode
- Ideal use for Police, Gendarmerie, Fire Department, Ambulance, Municipality, Highways, Official Vehicles, Tow Trucks and Special Service Vehicles





LLB / LBC 0801 POWERED RECHARGEABLE LIGHTBAR



TECHNICAL SPECIFICATIONS

Operating Voltage	10VDC - 30VDC
Nominal Voltage	12VDC / 24VDC
Current Consumption	0 -10A
Dome Color	
LED Color	
Lens Color	Clear, colorless
Flash Frequency	1 - 20Hz.
Number of Flash Patterns	5 patterns, expandable and customizable via interface
Synchronization	Available
Special Features	Night/Day sensor, control via ZER user interface, aluminum body resistant to environmental conditions
Interface	Control via ZER user interface
Cable Length	Varies depending on vehicle
Mounting Type	Compatible mounting brackets for all vehicles
Length	1140mm, 1210mm, 1360mm, 1430mm
Width	380mm
Height	85mm
Weight	1030mm: 8.5kg, 1140mm: 10.2kg, 1210mm: 11.2kg, 1360mm: 13.1kg, 1430mm: 14kg
Protection Rating	IP65
Approvals / Certifications	SAE J845, SAE J578, EN 300-440-2, 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 Department, Airports, Municipal Vehicles, Highways, Official Vehicles, Tow Trucks

ADVANTAGES



- Aerodynamic, compact design with a low-profile height of only 85 mm, excluding mounting brackets.
- Fast and secure installation via roof connector, optional
- Easy integration with vehicle-specific mounting brackets
- High-brightness special fresnel lens LED module design
- Fixed-color LED modules consisting of 3 LEDs, total 9W power
- Optional color combinations can be created with fixed-color LED modules
- Optional Night/Day sensor providing automatic light adjustment based on ambient light
- Ability to create new flash patterns and change pattern sequences via ZER user interface
- IP65 protection and a UV-resistant polycarbonate housing ensure durability in harsh environmental conditions.
- Automatic Voltage Protection:
 - 10VDC – 17VDC for 12VDC systems,
 - 17VDC – 30VDC for 24VDC systems, device automatically enters protection mode
- Ideal use for Police, Gendarmerie, Fire Department, Ambulance, Municipality, Highways, Official Vehicles, Tow Trucks and Special Service Vehicles



D TYPE MINI LIGHTBAR



TECHNICAL SPECIFICATIONS

Operating Voltage	10VDC - 30VDC
Nominal Voltage	12VDC / 24VDC
Current Consumption	1.2 - 2.2A
Dome Color	
LED Color	
Lens Color	Clear, colorless
Flash Frequency	1 - 20Hz.
Number of Flash Patterns	5 patterns, expandable and customizable via interface
Synchronization	Available
Special Features	Stainless steel body resistant to high speed and external impacts, vehicle cigarette lighter operation, optional N35 magnetic base, 3-LED modules
Interface	On/off and mode control via button on vehicle cigarette lighter or control via siren system and remote controller
Cable Length	4m
Mounting Type	Optional N35 Neodymium Magnet base for roof mounting
Length	300mm
Width	410mm
Height	65mm
Weight	2kg
Protection Rating	IP65
Approvals / Certifications	SAE J1318, SAE J1849, SAE J1595, IP65
LED Lifetime	50,000 hours
Operating Temperature	-40°C ~ 65°C
Warranty Period	2 years
Applications	Police, Gendarmerie, Ambulance, Fire Department, Airports, Municipality, Highways, Special Service, Official Vehicles, Tow Trucks

ADVANTAGES



- Full compatibility with all vehicle electrical systems with 12VDC – 24VDC operating voltage
- Long-lasting outdoor use with stainless steel body resistant to high speed and harsh environmental conditions
- Optical polycarbonate lens structure resistant to UV rays and severe conditions
- Maximum 360° visibility with special design fresnel lens featuring 3 high-power LEDs
- Integrated operation with multiple flash patterns that can synchronize with ZER products
- Low current consumption extends battery life and ensures energy efficiency
- Can be powered directly via vehicle cigarette lighter socket without requiring additional connections
- Secure roof mounting with optional N35 class high-strength Neodymium magnet base
- Customizable structure with different numbers of 3-LED modules, compatible with various vehicle types
- Long-term maintenance-free use with 50,000-hour LED lifetime
- Reliable performance in all climate conditions with operating temperature range of -40°C to +65°C
- Wide range of applications: Police, Gendarmerie, Ambulance, Fire Department, Municipality, Airports, Highways and Special Service Vehicles
- Five different color options: Blue, Red, Amber, Green and White
- Full compliance with international standards with SAE J1318, J1849, J1595 certifications
- Safe and supported product experience with 2-year warranty period



C TYPE MINI LIGHTBAR



TECHNICAL SPECIFICATIONS

Operating Voltage	10VDC - 30VDC
Nominal Voltage	12VDC / 24VDC
Current Consumption	1.2 - 2.2A
Dome Color	
LED Color	
Lens Color	Optical polycarbonate lens resistant to UV and harsh conditions
Flash Frequency	1 - 20Hz.
Number of Flash Patterns	Multiple flash patterns that can operate synchronized with ZER products
Synchronization	Compatible synchronization feature with ZER products
Special Features	Robust stainless steel structure resistant to high speed and environmental conditions
Interface	On/off and mode control via button located on vehicle cigarette lighter or control via siren system and remote controller
Cable Length	4m
Mounting Type	Optional mounting with N35 Neodymium Magnet
Length	290mm
Width	220mm/ 290mm
Height	80mm
Weight	4kg
Protection Rating	IP65
Approvals / Certifications	SAE J1318, SAE J1849, SAE J1595, IP65
LED Lifetime	50,000 hours
Operating Temperature	-40 °C ~ 65 °C
Warranty Period	2 years
Applications	Police, Gendarmerie, Ambulance, Fire Department, Airports, Municipality, Highways, Special Service, Official Vehicles, Tow Trucks

ADVANTAGES



- Robust stainless steel body resistant to high speed and harsh environmental conditions
- Optical polycarbonate lens resistant to UV rays and severe conditions
- High brightness and visibility with high-power Power LEDs
- LED groups on both sides controlled by a single circuit
- Low current consumption to protect battery life
- Direct power supply via vehicle cigarette lighter socket
- Fast and secure installation with N35 Neodymium Magnet mounting
- Wide color options: Red, Blue, Amber, Green, White
- Compliance with SAE J1318, J1849 and J1595 standards
- 2-year warranty period
- Wide operating temperature range of -40 °C ~ +65 °C



C TYPE MINI RAINBOW LIGHTBAR



TECHNICAL SPECIFICATIONS

Operating Voltage	10VDC - 30VDC
Nominal Voltage	12VDC / 24VDC
Current Consumption	1.2 - 2.2A
Dome Color	
LED Color	
Lens Color	Optical polycarbonate lens resistant to UV and harsh conditions
Flash Frequency	1 - 20Hz.
Number of Flash Patterns	Multiple flash patterns that can operate synchronized with ZER products
Synchronization	Compatible synchronization feature with ZER products
Special Features	Robust stainless steel structure resistant to high speed and environmental conditions
Interface	On/off and mode control via button located on vehicle cigarette lighter or control via siren system and remote controller
Cable Length	4m
Mounting Type	Optional mounting with N35 Neodymium Magnet
Length	290mm
Width	220mm/ 290mm
Height	80mm
Weight	4kg
Protection Rating	IP65
Approvals / Certifications	SAE J1318, SAE J1849, SAE J1595, IP65
LED Lifetime	50,000 hours
Operating Temperature	-40 °C ~ 65 °C
Warranty Period	2 years
Applications	Police, Gendarmerie, Ambulance, Fire Department, Airports, Municipality, Highways, Special Service, Official Vehicles, Tow Trucks

ADVANTAGES

- Robust stainless steel body resistant to high speed and harsh environmental conditions
- Optical polycarbonate lens resistant to UV rays and severe conditions
- High brightness and visibility with high-power Power LEDs
- LED groups on both sides controlled by a single circuit
- Low current consumption to protect battery life
- Direct power supply via vehicle cigarette lighter socket
- Fast and secure installation with N35 Neodymium Magnet mounting
- Wide color options: Red, Blue, Amber, Green, White
- Compliance with SAE J1318, J1849 and J1595 standards
- 2-year warranty period
- Wide operating temperature range of -40 °C ~ +65 °C





C TYPE MINI POWERED / RECHARGEABLE LIGHTBAR



TECHNICAL SPECIFICATIONS

Operating Voltage	10VDC - 30VDC
Nominal Voltage	12VDC / 24VDC
Current Consumption	0-7A
Dome Color	
LED Color	
Lens Color	Optical polycarbonate lens resistant to UV and harsh conditions
Flash Frequency	1 - 20Hz.
Number of Flash Patterns	Multiple flash patterns that can operate synchronized with ZER products
Synchronization	Compatible synchronization feature with ZER products
Special Features	Robust stainless steel structure resistant to high speed and environmental conditions
Interface	On/off and mode control via button located on vehicle cigarette lighter or control via siren system and remote controller
Cable Length	4m
Mounting Type	Optional mounting with N35 Neodymium Magnet
Length	290mm
Width	220mm/ 290mm
Height	80mm
Weight	4kg
Protection Rating	IP65
Approvals / Certifications	SAE J1318, SAE J1595, IP65
LED Lifetime	50,000 hours
Operating Temperature	-40 °C ~ 65 °C
Warranty Period	2 years
Applications	Police, Gendarmerie, Ambulance, Fire Department, Airports, Municipality, Highways, Special Service, Official Vehicles, Tow Trucks

ADVANTAGES



- Robust stainless steel body resistant to high speed and harsh environmental conditions
- Optical polycarbonate lens resistant to UV rays and severe conditions
- High brightness and visibility with high-power Power LEDs
- LED groups on both sides controlled by a single circuit
- Low current consumption to protect battery life
- Direct power supply via vehicle cigarette lighter socket
- Fast and secure installation with N35 Neodymium Magnet mounting
- Wide color options: Red, Blue, Amber, Green, White
- Compliance with SAE J1318, J1849 and J1595 standards
- 2-year warranty period
- Wide operating temperature range of -40 °C ~ +65 °C



C TYPE MINI SPEAKER LIGHTBAR



TECHNICAL SPECIFICATIONS

Operating Voltage	10VDC - 30VDC
Nominal Voltage	12VDC / 24VDC
Current Consumption	1.2 - 2.2A
Dome Color	
LED Color	
Lens Color	Optical polycarbonate lens resistant to UV and harsh conditions
Flash Frequency	1 - 20Hz.
Number of Flash Patterns	Multiple flash patterns that can operate synchronized with ZER products
Synchronization	Compatible synchronization feature with ZER products
Special Features	Robust stainless steel structure resistant to high speed and environmental conditions
Interface	On/off and mode control via button located on vehicle cigarette lighter or control via siren system and remote controller
Cable Length	4m
Mounting Type	Optional mounting with N35 Neodymium Magnet
Length	290mm
Width	220mm/ 290mm
Height	80mm
Weight	7kg
Protection Rating	IP65
Approvals / Certifications	SAE J1318, SAE J1849, SAE J1595, IP65
LED Lifetime	50,000 hours
Operating Temperature	-40 °C ~ 65 °C
Warranty Period	2 years
Applications	Police, Gendarmerie, Ambulance, Fire Department, Airports, Municipality, Highways, Special Service, Official Vehicles, Tow Trucks

ADVANTAGES


- Robust stainless steel body resistant to high speed and harsh environmental conditions
- Optical polycarbonate lens resistant to UV rays and severe conditions
- High brightness and visibility with high-power Power LEDs
- LED groups on both sides controlled by a single circuit
- Low current consumption to protect battery life
- Direct power supply via vehicle cigarette lighter socket
- Fast and secure installation with N35 Neodymium Magnet mounting
- Wide color options: Red, Blue, Amber, Green, White
- Compliance with SAE J1318, J1849 and J1595 standards
- 2-year warranty period
- Wide operating temperature range of -40 °C ~ +65 °C



34 CM LINEAR LAMP



TECHNICAL SPECIFICATIONS

Operating Voltage	10VDC - 30VDC
Nominal Voltage	12VDC / 24VDC
Current Consumption	1.8 - 4.2A
Dome Color	Black
LED Color	
Lens Color	Clear, colorless
Flash Frequency	1 - 20Hz.
Number of Flash Patterns	16
Synchronization	Supports synchronized operation with ZER systems
Special Features	Waterproof structure, modular structure, easy installation with adjustable feet, Form-fitting custom PCB; LED / LED-LED Driver / LED-LED Driver-Entegre.
Interface	On/off and mode control via button on vehicle cigarette lighter
Cable Length	4 m waterproof connector cable
Mounting Type	Quick adaptation to all vehicle types and in-vehicle / external use with modular parts and mounting brackets
Length	Variable depending on the number of modules
Width	34cm
Height	5.3cm
Weight	-
Protection Rating	IP65
Approvals / Certifications	ECE R10, IP65
LED Lifetime	50,000 hours
Operating Temperature	-40°C ~ 65°C
Warranty Period	2 years
Applications	Police, Gendarmerie, Ambulance, Fire Department, Airports, Municipality, Highways, Special Service, Official Vehicles, Tow Trucks

ADVANTAGES

- Full compatibility with all vehicle systems with 12–24 VDC operating voltage
- Maximum light performance and visibility with high-efficiency, specially designed optical lens
- Protects battery life and provides energy efficiency thanks to low power consumption
- Safe and long-lasting use in outdoor conditions with waterproof structure
- Impact resistance with an aluminum outer housing durable to environmental conditions
- Suitable for various warning scenarios thanks to 16 stored flash modes
- Customization for different vehicles and applications with modular structure (2–6 modules)
- 6 pcs 3W power LEDs per module, total high light capacity up to 12–36 LEDs
- LED, LED-LED Driver, and LED-LED Driver-Integrated. Low current consumption protects battery
- Easy and safe connection with 4 m waterproof connector cable
- Provides IP sealing with waterproof connector entry
- Easy mounting to the right and left sides thanks to adjustable mounting feet
- Wide range of applications: Police, Gendarmerie, Ambulance, Fire Brigade, Municipality, Airport, Highways and private service vehicles
- 5 different color options: Blue, Red, Amber, Green, White
- Complies with international standards with ECE R10 certified structure
- Durable in all climate conditions with -40°C to +65°C operating temperature range
- Maintenance-free long-term performance with 50,000-hour LED lifetime
- Reliable and supported product use with 2-year warranty



ELECTRONIC MESSAGE BOARD LIGHTBAR



TECHNICAL SPECIFICATIONS

Operating Voltage	10VDC - 30VDC
Nominal Voltage	12VDC / 24VDC
Current Consumption	0 - 18A
Dome Color	Black
LED Color	Blue, Red, Green
Lens Color	Clear, colorless
Flash Frequency	1 - 20Hz.
Number of Flash Patterns	FOLLOW ME, STOP, SLOW, SAĞ OK, SOL OK, 5 pcs
Synchronization	Yes
Special Features	Waterproof, foldable LED message panel, functional control panel, message change and light adjustment
Interface	Mode, message, light and power LED control via functional control handset
Cable Length	Varies depending on the vehicle
Mounting Type	Mounting brackets compatible with all vehicles
Length	1250mm
Width	440mm
Height	440mm
Weight	
Protection Rating	IP65
Approvals / Certifications	SAE J1318, SAE J1595, IP65
LED Lifetime	50,000 hours
Operating Temperature	-40 °C ~ 65 °C
Warranty Period	2 years
Applications	Police, Gendarmerie, Ambulance, Fire Department, Airports, Municipality, Highways, Special Service, Official Vehicles, Tow Trucks

ADVANTAGES

- Durable stainless-steel structure and UV-resistant polycarbonate parts
- Waterproof, foldable electronic message panel
- Power LED modules providing 360° high visibility
- Synchronized flash patterns with ZER products
- Remote easy-to-read message writing feature
- Functional control panel; message, mode, light intensity and LED control
- Optional color and cover variety
- Extends battery life thanks to low current consumption
- Easy installation with vehicle-compatible mounting brackets
- 50,000-hour long LED lifetime
- Operation in -40°C ~ 65°C temperature range
- 2-year warranty period
- Automatic Voltage Protection: The device automatically switches to protection mode at 10.5 VDC – 17VDC in 12VDC devices, and at 17VDC – 30VDC in 24VDC devices.



FOLLOW ME MESSAGE BOARD LIGHTBAR – LARGE



TECHNICAL SPECIFICATIONS

Operating Voltage	10VDC - 30VDC
Nominal Voltage	12VDC / 24VDC
Current Consumption	0 - 18A
Dome Color	Black
LED Color	Blue, Red, Green
Lens Color	Clear, colorless
Flash Frequency	1 - 20Hz.
Number of Flash Patterns	FOLLOW ME, STOP, SLOW, SAĞ OK, SOL OK, 5 pcs
Synchronization	Yes
Special Features	Waterproof, foldable LED message panel, functional control panel, message change and light adjustment
Interface	Mode, message, light and power LED control via functional control handset
Cable Length	Varies depending on the vehicle
Mounting Type	Mounting brackets compatible with all vehicles
Length	1200mm
Width	350mm
Height	435mm
Weight	
Protection Rating	IP65
Approvals / Certifications	SAE J1318, SAE J1849, SAE J1595, IP65
LED Lifetime	50,000 hours
Operating Temperature	-40 °C ~ 65 °C
Warranty Period	2 years
Applications	Police, Gendarmerie, Ambulance, Fire Department, Airports, Municipality, Highways, Special Service, Official Vehicles, Tow Trucks

ADVANTAGES

- Durable stainless-steel structure and UV-resistant polycarbonate parts
- Waterproof electronic message panel
- Power LED modules providing 360° high visibility
- Synchronized flash patterns with ZER products
- Remote easy-to-read message writing feature
- Functional control panel; message, mode, light intensity and LED control
- Optional color and cover variety
- Extends battery life thanks to low current consumption
- Easy installation with vehicle-compatible mounting brackets
- 50,000-hour long LED lifetime
- Operation in -40°C ~ 65°C temperature range
- 2-year warranty period
- Automatic Voltage Protection: The device automatically switches to protection mode at 10.5 VDC – 17VDC in 12VDC devices, and at 17VDC – 30VDC in 24VDC devices.



FOLLOW ME MESSAGE BOARD LIGHTBAR – SMALL



TECHNICAL SPECIFICATIONS

Operating Voltage	10VDC - 30VDC
Nominal Voltage	12VDC / 24VDC
Current Consumption	0 - 15A
Dome Color	Black
LED Color	Blue, Red, Green
Lens Color	Clear, colorless
Flash Frequency	1 - 20Hz.
Number of Flash Patterns	FOLLOW ME, STOP, SLOW, SAĞ OK, SOL OK, 5 pcs
Synchronization	Yes
Special Features	Waterproof, foldable LED message panel, functional control panel, message change and light adjustment
Interface	Mode, message, light and power LED control via functional control handset
Cable Length	Varies depending on the vehicle
Mounting Type	Mounting brackets compatible with all vehicles
Length	1200mm
Width	260mm
Height	275mm
Weight	
Protection Rating	IP65
Approvals / Certifications	SAE J1318, SAE J1849, SAE J1595, IP65
LED Lifetime	50,000 hours
Operating Temperature	-40 °C ~ 65 °C
Warranty Period	2 years
Applications	Police, Gendarmerie, Ambulance, Fire Department, Airports, Municipality, Highways, Special Service, Official Vehicles, Tow Trucks

ADVANTAGES



- Durable stainless-steel structure and UV-resistant polycarbonate parts
- Waterproof electronic message panel
- Specially designed Fresnel lens providing 360° extraordinary brightness and visibility with LED module
- Synchronized flash patterns with ZER products
- Remote easy-to-read message writing feature
- Functional control panel; message, mode, light intensity and LED control
- Optional color and cover variety
- Extends battery life thanks to low current consumption
- Easy installation with vehicle-compatible mounting brackets
- 50,000-hour long LED lifetime
- Operation in -40°C ~ 65°C temperature range
- 2-year warranty period
- Automatic Voltage Protection: The device automatically switches to protection mode at 10.5 VDC – 17VDC in 12VDC devices, and at 17VDC – 30VDC in 24VDC devices.



WRL 0397 3-LED MODULE



TECHNICAL SPECIFICATIONS

Operating Voltage	10VDC - 30VDC
Nominal Voltage	12VDC / 24VDC
Current Consumption	0.3- 0.7A
Dome Color	
LED Color	
Lens Color	Clear, colorless
Flash Frequency	1 - 20Hz.
Number of Flash Patterns	Multiple flash patterns synchronized with ZER products
Synchronization	Compatible synchronization with ZER products
Special Features	UV-resistant structure, compatible with synchronized flash patterns, compact size, optional mounting options
Interface	-
Cable Length	100mm
Mounting Type	Optional mounting compatible with all vehicle types
Length	128mm
Width	57mm
Height	40mm
Weight	160gr
Protection Rating	IP65
Approvals / Certifications	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


- UV-resistant polycarbonate outer housing durable against harsh environmental conditions
- Exceptional brightness and clarity with high-power LEDs and special Fresnel lens design
- System integrity with flash patterns synchronized with ZER products
- Low current consumption protects vehicle battery
- Compact size allows easy installation in narrow areas
- Easy compatibility with various vehicle types via optional mounting accessories
- 3 × 3W power LEDs provide high visibility with low energy consumption
- Operates reliably between -40°C and +65°C
- Long service life with 50,000-hour LED lifespan
- Lightweight 160 g design enables easy transport and installation
- Wide range of applications including police, ambulance, fire brigade, motorcycle and special service vehicles
- Five color options: Blue, Red, Amber, Green, White
- 2-year warranty ensures reliable performance and technical support
- Automatic Voltage Protection:
 - 12VDC systems: 10.5V – 17VDC
 - 24VDC systems: 17VDC – 30VDC



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.



LINEAR LAMP



TECHNICAL SPECIFICATIONS

Operating Voltage	10VDC - 30VDC
Nominal Voltage	12VDC / 24VDC
Current Consumption	1.8- 4.2A
Dome Color	Black housing, clear top cover
LED Color	
Lens Color	Clear, colorless
Flash Frequency	1 - 20Hz.
Number of Flash Patterns	18 patterns
Synchronization	Compatible with ZER systems
Special Features	Waterproof aluminum housing resistant to environmental conditions, modular structure, flexible mounting
Interface	On/off and mode control via cigarette lighter button
Cable Length	4m
Mounting Type	Adjustable mounting brackets on both sides
Length	Variable depending on number of modules
Width	94mm
Height	53mm
Weight	2.6kg
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


- High efficiency special optical lens provides maximum brightness and clarity
- Low power consumption ensures long-term use without draining battery
- Waterproof structure enables safe outdoor operation
- Durable aluminum housing offers long service life and impact resistance
- 4 m waterproof connector cable allows easy and secure electrical connection
- Adjustable mounting brackets enable flexible installation on various vehicle surfaces
- Modular design configurable between 2 and 6 modules
- Each module includes 6 × 3W LEDs, total 12–36 LEDs for high output
- 18 pre-programmed flash modes provide versatile warning options
- ECE R10 compliance for international standards
- Wide operating temperature range (-40°C to +65°C)
- Maintenance-free lighting with 50,000-hour LED lifespan
- 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.



DASHLIGHT



TECHNICAL SPECIFICATIONS

Operating Voltage	10VDC - 30VDC
Nominal Voltage	12VDC / 24VDC
Current Consumption	0.6 - 1.5A
Dome Color	Black housing, clear LED module lens
LED Color	
Lens Color	Clear, colorless
Flash Frequency	1-20Hz.
Number of Flash Patterns	18 patterns
Synchronization	Supports synchronized operation with ZER systems
Special Features	Waterproof structure, spiral cable, cigarette lighter control, modular design, fast installation, hanging mount for windshield
Interface	On/off and mode control via cigarette lighter button
Cable Length	4 m spiral cable
Mounting Type	Windshield mounting with suction cup, internal/external mounting with module brackets
Length	290mm
Width	132mm
Height	52mm
Weight	1230gr
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



- Easy and practical use via cigarette lighter power input
- Wide operating temperature range (-40°C to +65°C)
- Long-lasting performance with 50,000-hour nominal LED lifetime
- High efficiency optical lens provides strong and focused light distribution
- Energy-saving low power consumption
- Waterproof structure for reliable outdoor use
- Durable aluminum outer housing resistant to harsh weather and impacts
- Spiral cable and cigarette lighter plug for quick installation
- Modular structure ensures compatibility with all vehicle types
- 18 different flash modes for versatile warning options
- Each module features 6 × 3W LEDs for high brightness
- Total of 12 × 3W LEDs for wide illumination area
- 4 m spiral cable allows flexible installation
- Easy installation on vehicle windshield with vacuum suction mount
- Wide application range: police, ambulance, gendarmerie, municipality, special service vehicles
- Five color options: Blue, Red, Amber, Green, White
- Compliance with ECE R10, ECE R65 and IP65 standards
- 2-year warranty
- Automatic Voltage Protection:
 - 12VDC: 10.5V – 17VDC
 - 24VDC: 17VDC – 30VDC



MVL 0601 V LAMP



TECHNICAL SPECIFICATIONS

Operating Voltage	10VDC - 30VDC
Nominal Voltage	12VDC / 24VDC
Current Consumption	0.6 - 1.5A
Dome Color	
LED Color	
Lens Color	Clear, colorless
Flash Frequency	1 - 20Hz.
Number of Flash Patterns	Multiple flash patterns synchronized with ZER products
Synchronization	Compatible synchronization with ZER products
Special Features	UV-resistant polycarbonate housing, ergonomic V-shaped design
Interface	Control via ZER products
Cable Length	1m
Mounting Type	Optional mounting compatible with all vehicle types
Length	230mm
Width	82mm
Height	55mm
Weight	344gr
Protection Rating	IP65
Approvals / Certifications	ECE R10, 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

- UV-resistant polycarbonate outer housing suitable for harsh environments
- Exceptional brightness and visibility with high-power LEDs and Fresnel lens
- Multi-purpose ergonomic V-shaped design
- Synchronizable flash patterns with ZER products
- Low current consumption protects battery life
- Optional mounting compatible with all vehicle types
- Wide color options: Blue, Red, Amber, Green, White
- Compliance with IP65 standards
- Long LED lifetime of 50,000 hours
- Lightweight design
- 2-year warranty





WRL 1207 12-LED MODULE



TECHNICAL SPECIFICATIONS

Operating Voltage	10VDC - 30VDC
Nominal Voltage	12VDC / 24VDC
Current Consumption	1.2 - 3A
Dome Color	
LED Color	
Lens Color	Clear, colorless
Flash Frequency	1 - 20Hz.
Number of Flash Patterns	Multiple flash patterns synchronized with ZER products
Synchronization	Compatible with ZER products
Special Features	Waterproof structure, modular structure, fast installation, hanging mount
Interface	Control via ZER products
Cable Length	Variable cable length.
Mounting Type	Windshield hanging mount, internal/external mounting brackets
Length	201mm
Width	97mm
Height	60mm
Weight	427gr
Protection Rating	IP65
Approvals / Certifications	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



- Compatible with all vehicle electrical systems through 12 VDC – 24 VDC operating voltage.
- Powerful and focused light output enabled by a high-efficiency, specially designed optical lens.
- Battery-friendly operation thanks to low power consumption.
- Safe use in all outdoor conditions with a waterproof construction.
- Long service life ensured by an environment-resistant aluminum housing.
- Modular structure with mounting brackets suitable for both interior and exterior vehicle use.
- Multiple flash modes capable of operating synchronously with ZER products.
- Each module features 6 LEDs at 3 W, delivering effective warning light output with a total of 12 high-power LEDs.
- Flexible placement enabled by variable cable length.
- Dual-switch cigarette lighter plug for power on/off and flash mode selection.
- Easy installation using a dedicated windshield hanging bracket.
- Wide range of applications: Police, Gendarmerie, Ambulance, Fire Department, Motorcycles, Airports, Municipal vehicles, Highway services, and private or official service vehicles.
- Available in five color options: Red, Blue, Amber, Green, and White.
- Compliant with international standards through IP65 certification.
- Wide operating temperature range from -40 °C to +65 °C.
- Reliable long-term performance with 50,000-hour LED lifespan.
- Lightweight design for easy installation.
- Covered by a 2-year warranty for assured use.



WSM 31100 RECTANGULAR WARNING LAMP

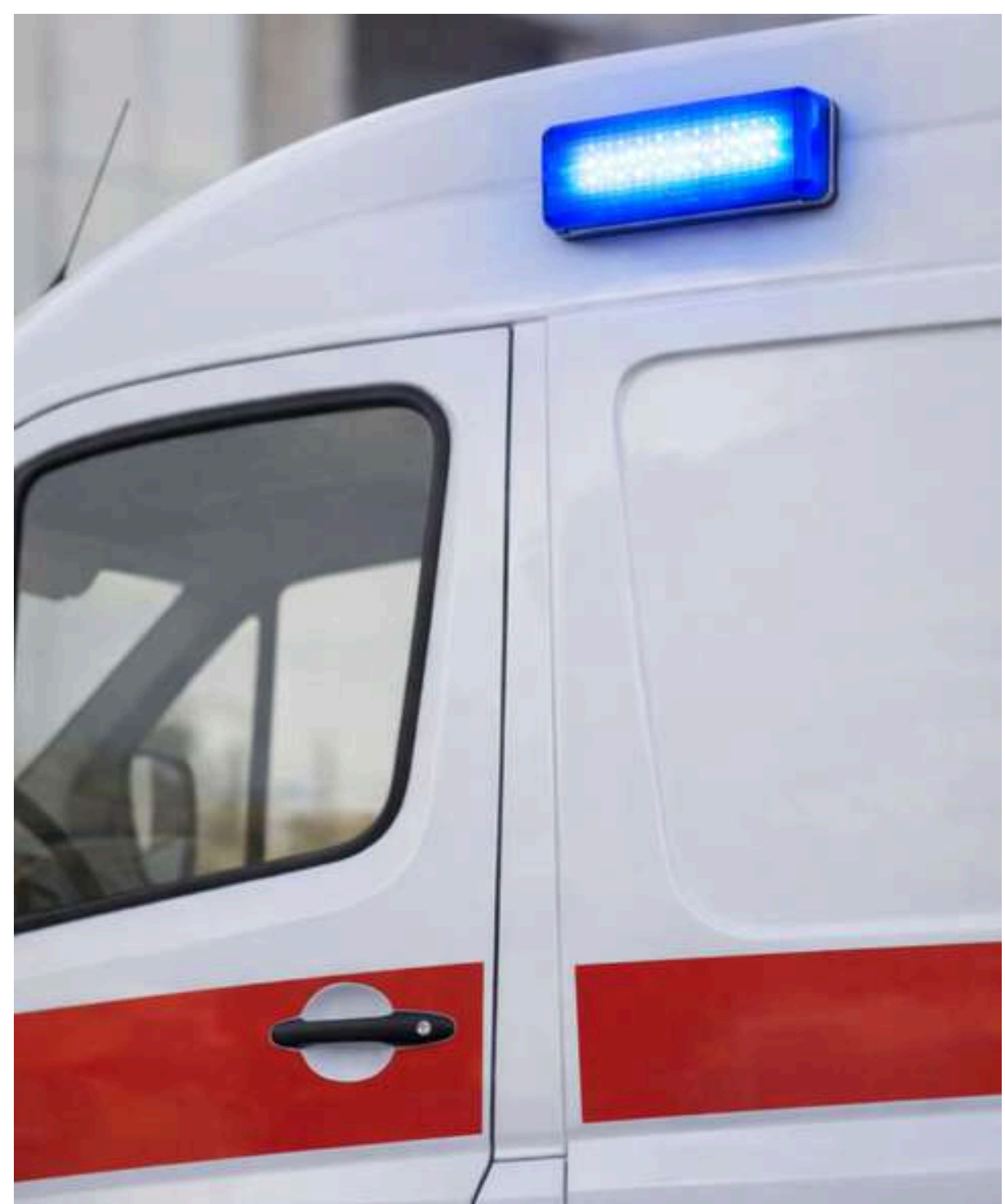


TECHNICAL SPECIFICATIONS

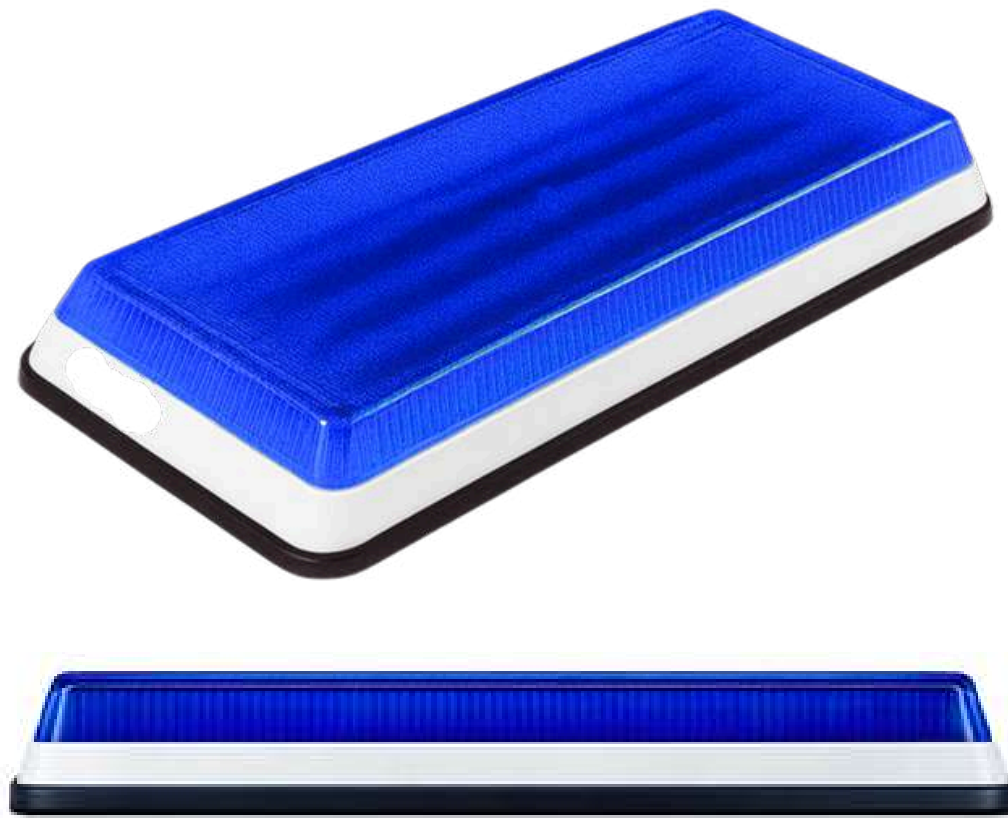
Operating Voltage	10VDC - 30VDC
Nominal Voltage	12VDC / 24VDC
Current Consumption	0.3 - 0.7A
Dome Color	
LED Color	
Lens Color	Clear, colorless
Flash Frequency	1 - 20Hz.
Number of Flash Patterns	Multiple synchronized flash patterns with ZER products
Synchronization	Compatible synchronization with ZER products
Special Features	UV-resistant polycarbonate housing
Interface	Control via ZER products
Cable Length	100mm
Mounting Type	Body mounting
Length	233mm
Width	115mm
Height	37mm
Weight	305gr
Protection Rating	IP65
Approvals / Certifications	ECE R65, IP65
LED Lifetime	50,000 hours
Operating Temperature	-40 °C ~ 65 °C
Warranty Period	2 years
Applications	Ambulance, Fire Brigade, Airport, Service Vehicles, Tow Trucks

ADVANTAGES



- Durable polycarbonate housing resistant to UV rays and environmental conditions
- Exceptional brightness with high-power LEDs and Fresnel lens
- Synchronizable flash patterns with ZER products
- Low current consumption protects battery
- Lightweight design
- Wide compatibility with emergency and service vehicles
- Broad color options
- Compliance with IP65, ECE R65 standards
- 50,000-hour LED lifetime
- 2-year warranty



WRL 0298 RECTANGULAR WARNING LAMP



TECHNICAL SPECIFICATIONS

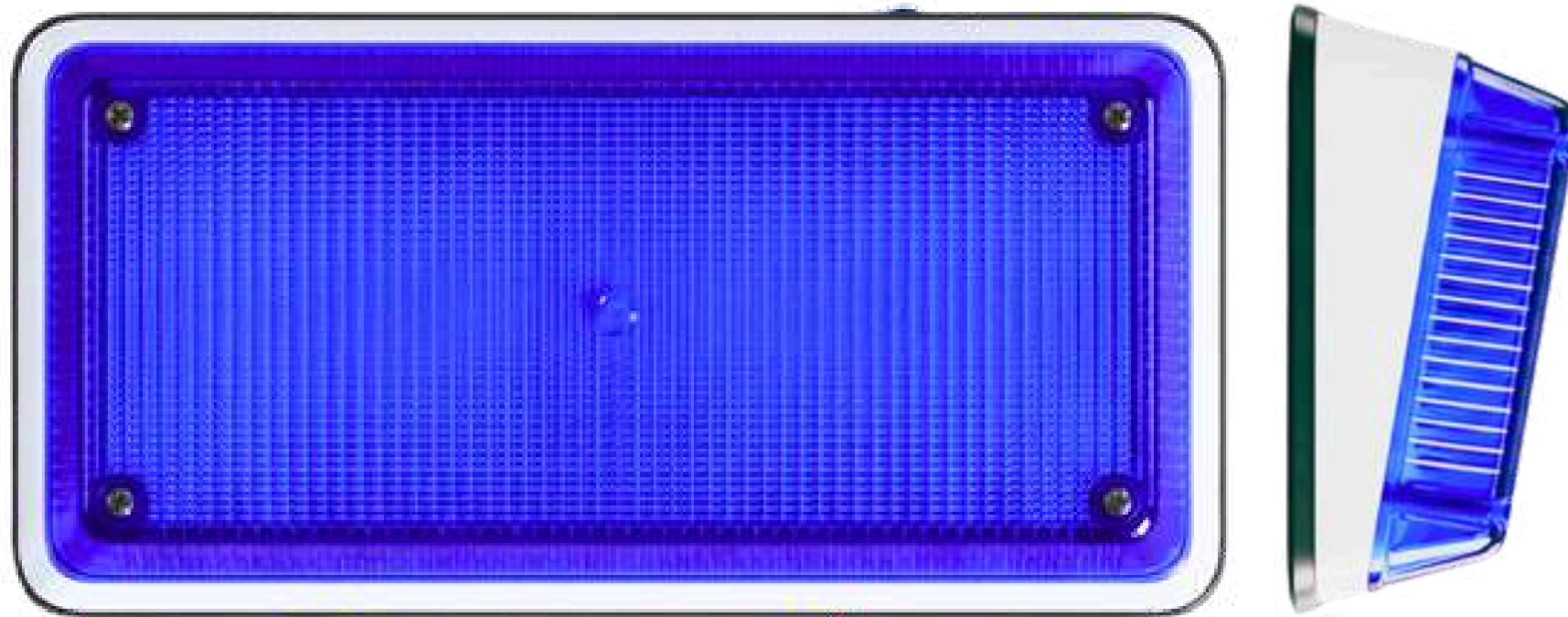
Operating Voltage	10VDC - 30VDC
Nominal Voltage	12VDC / 24VDC
Current Consumption	0.3 - 0.7A
Dome Color	
LED Color	
Lens Color	Clear, colorless
Flash Frequency	1 - 20Hz.
Number of Flash Patterns	Multiple synchronized flash patterns with ZER products
Synchronization	Compatible synchronization with ZER products
Special Features	UV-resistant polycarbonate housing
Interface	Control via ZER products
Cable Length	100mm
Mounting Type	Body mounting
Length	202mm
Width	98mm
Height	25mm
Weight	291gr
Protection Rating	IP65
Approvals / Certifications	ECE R65, IP65
LED Lifetime	50,000 hours
Operating Temperature	-40 °C ~ 65 °C
Warranty Period	2 years
Applications	Ambulance, Fire Brigade, Airport, Service Vehicles, Tow Trucks

ADVANTAGES



- Durable polycarbonate housing resistant to UV rays and environmental conditions
- Exceptional brightness with high-power LEDs and Fresnel lens
- Synchronizable flash patterns with ZER products
- Low current consumption protects battery
- Lightweight design
- Wide compatibility with emergency and service vehicles
- Broad color options
- Compliance with IP65, ECE R65 standards
- 50,000-hour LED lifetime
- 2-year warranty



WSM 31100 ANGLED RECTANGULAR WARNING LAMP



TECHNICAL SPECIFICATIONS

Operating Voltage	10VDC - 30VDC
Nominal Voltage	12VDC / 24VDC
Current Consumption	0.3 - 0.7A
Dome Color	
LED Color	
Lens Color	Clear, colorless
Flash Frequency	1 - 20Hz.
Number of Flash Patterns	Multiple synchronized flash patterns with ZER products
Synchronization	Compatible synchronization with ZER products
Special Features	UV-resistant polycarbonate housing
Interface	Control via ZER products
Cable Length	100mm
Mounting Type	Body mounting
Length	248mm
Width	117mm
Height	62mm
Weight	325gr
Protection Rating	IP65
Approvals / Certifications	ECE R65, IP65
LED Lifetime	50,000 hours
Operating Temperature	-40 °C ~ 65 °C
Warranty Period	2 years
Applications	Ambulance, Fire Brigade, Airport, Service Vehicles, Tow Trucks

ADVANTAGES



- Durable polycarbonate housing resistant to UV rays and environmental conditions
- Exceptional brightness with high-power LEDs and Fresnel lens
- Synchronizable flash patterns with ZER products
- Low current consumption protects battery
- Lightweight design
- Wide compatibility with emergency and service vehicles
- Broad color options
- Compliance with IP65, ECE R65 standards
- 50,000-hour LED lifetime
- 2-year warranty



WSM 31100 RECTANGULAR WARNING LAMP WITH FLOODLIGHT



TECHNICAL SPECIFICATIONS

Operating Voltage	10VDC - 30VDC
Nominal Voltage	12VDC / 24VDC
Current Consumption	0.3 - 0.7A
Dome Color	
LED Color	
Lens Color	Clear, colorless
Flash Frequency	1 - 20Hz.
Number of Flash Patterns	Multiple synchronized flash patterns with ZER products
Synchronization	Compatible synchronization with ZER products
Special Features	UV-resistant polycarbonate housing
Interface	Control via ZER products
Cable Length	100mm
Mounting Type	Body mounting
Length	233mm
Width	115mm
Height	37mm
Weight	355gr
Protection Rating	IP65
Approvals / Certifications	ECE R65, IP65
LED Lifetime	50,000 hours
Operating Temperature	-40 °C ~ 65 °C
Warranty Period	2 years
Applications	Ambulance, Fire Brigade, Airport, Service Vehicles, Tow Trucks

ADVANTAGES


- Durable polycarbonate housing resistant to UV rays and environmental conditions
- Exceptional brightness with high-power LEDs and Fresnel lens
- Synchronizable flash patterns with ZER products
- Low current consumption protects battery
- Provides ground illumination with a powerful spotlight while maintaining a lightweight structure. Wide compatibility with emergency and service vehicles
- Broad color options
- Compliance with IP65, ECE R65 standards
- 50,000-hour LED lifetime
- 2-year warranty



WRL 0919 SIDE LAMP



TECHNICAL SPECIFICATIONS

Operating Voltage	10VDC - 30VDC
Nominal Voltage	12VDC / 24VDC
Current Consumption	0.3 - 0.7A
Dome Color	
LED Color	
Lens Color	Clear, colorless
Flash Frequency	1 - 20Hz.
Number of Flash Patterns	Multiple synchronized flash patterns with ZER products
Synchronization	Compatible with ZER products
Special Features	UV-resistant polycarbonate housing, Form-fitting custom PCB; LED / LED-LED Driver / LED-LED Driver-Entegre.
Interface	Control via ZER products
Cable Length	100mm
Mounting Type	Body mounting
Length	230mm
Width	173mm
Height	65mm
Weight	457gr
Protection Rating	IP65
Approvals / Certifications	ECE R65, IP65
LED Lifetime	50,000 hours
Operating Temperature	-40 °C ~ 65 °C
Warranty Period	2 years
Applications	Ambulance, Fire Brigade, Airport, Service Vehicles, Tow Trucks

ADVANTAGES



- UV-resistant polycarbonate housing for harsh environments
- Exceptional brightness with high-power LEDs and Fresnel lens
- Synchronizable flash patterns with ZER products
- 18 different flash patterns
- The form-fitting custom PCB architecture is offered in three electronic configurations:
 - LED, LED-LED Driver, and LED-LED Driver-Integrated. Low current consumption protects battery
- Each LED rated at 3W, total of 18 LEDs for high illumination
- Suitable for fire trucks, ambulances, airport and tow vehicles
- Five color options available
- IP65, ECE R65 certified
- Long LED lifetime of 50,000 hours
- 2-year warranty



WCL 0411 WARNING LIGHT CYLINDRICAL SMALL SIZE SIDE MOUNT



TECHNICAL SPECIFICATIONS

Operating Voltage	10VDC - 30VDC
Nominal Voltage	12VDC / 24VDC
Current Consumption	0- 1A
Dome Color	
LED Color	
Lens Color	Specially designed Fresnel lens providing 360° visibility
Flash Frequency	1 - 20Hz.
Number of Flash Patterns	Multiple flash modes capable of synchronized operation with ZER products
Synchronization	Synchronization feature compatible with ZER products
Special Features	UV resistance, 360° visibility, high brightness, operation via cigarette lighter, optional roof mounting with N35 neodymium magnet
Interface	On/off and mode control via button on vehicle cigarette lighter plug
Cable Length	100mm
Mounting Type	Optional roof mounting with high power N35 magnet
Length	103mm
Width	75mm
Height	75mm
Weight	135gr
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, Private Service, Official Vehicles, Tow Trucks

ADVANTAGES

- Polycarbonate outer body resistant to UV rays and harsh weather conditions
- Extraordinary brightness and visibility with specially designed Fresnel lens providing 360° view
- Full synchronization support with ZER products
- Protects battery life thanks to low current consumption
- On/off and mode control via the vehicle cigarette lighter button, with easy installation.
- Robust roof mounting with optional N35 class high-power neodymium magnet
- Strong light performance with 12 high-power LEDs
- Compliance with international ECE R10, ECE R65, IP65 certificates
- Wide color options: Red, Blue, Amber, Green, White
- Very wide application area: Ideal for Police, Gendarmerie, Ambulance, Fire Brigade, Municipality and Private Vehicles
- Safe and long-lasting use with 2 years warranty period
- Automatic Voltage Protection: The device automatically protects itself at 10.5 VDC-17VDC for 12VDC devices, and 17VDC-30VDC for 24VDC devices.





WCL 0411E WARNING LIGHT CYLINDRICAL SMALL SIZE CENTER MOUNT

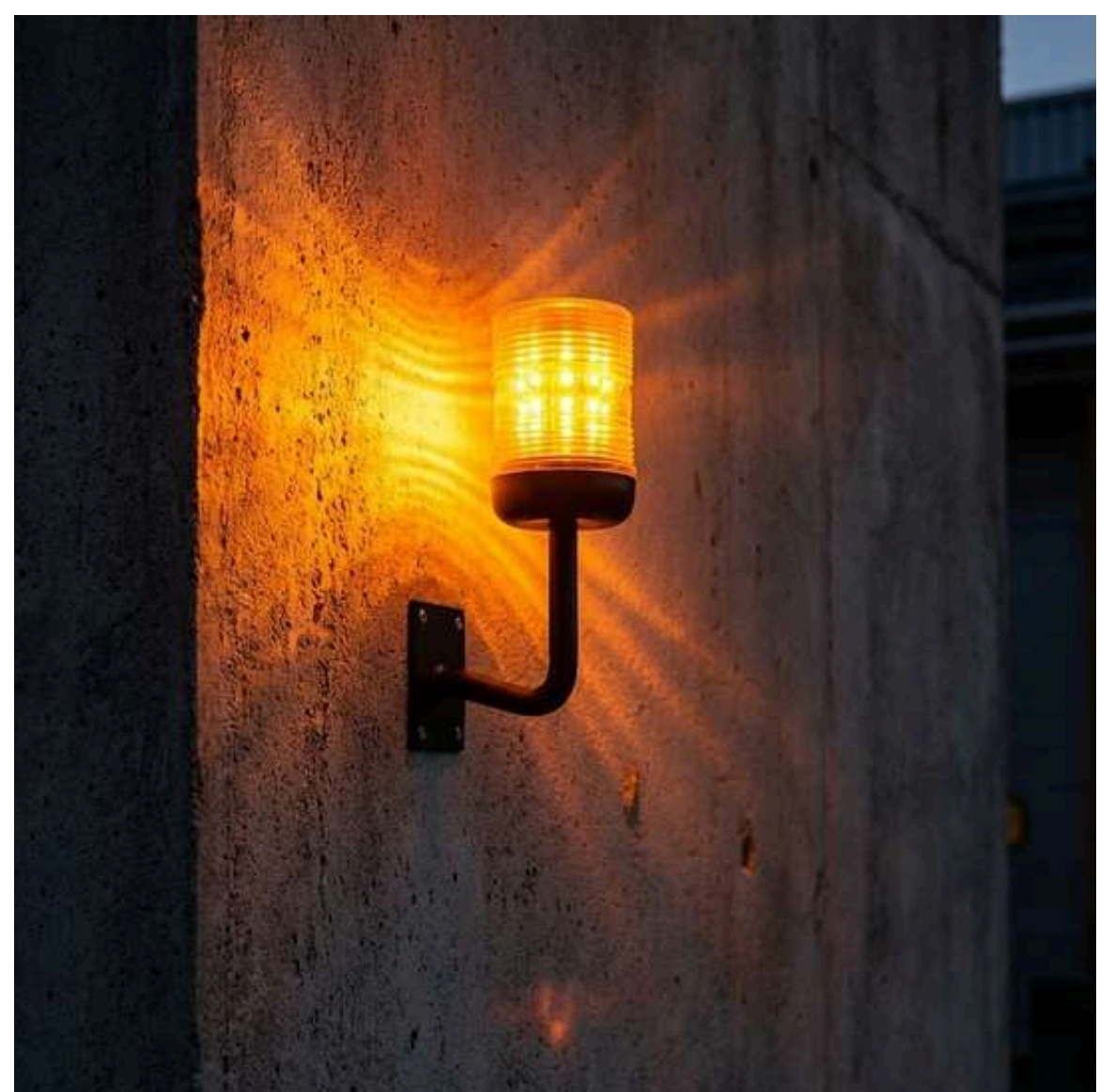


TECHNICAL SPECIFICATIONS

Operating Voltage	10VDC - 30VDC
Nominal Voltage	12VDC / 24VDC
Current Consumption	0- 1A
Dome Color	
LED Color	
Lens Color	Specially designed Fresnel lens providing 360° visibility
Flash Frequency	1 - 20Hz.
Number of Flash Patterns	Multiple flash modes capable of synchronized operation with ZER products
Synchronization	Synchronization feature compatible with ZER products
Special Features	UV resistance, 360° visibility, high brightness, operation via cigarette lighter, optional roof mounting with N35 neodymium magnet
Interface	On/off and mode control via button on vehicle cigarette lighter plug
Cable Length	100mm
Mounting Type	Optional roof mounting with high power N35 magnet
Length	103mm
Width	75mm
Height	75mm
Weight	164gr
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, Private Service, Official Vehicles, Tow Trucks

ADVANTAGES



- Polycarbonate outer body resistant to UV rays and harsh weather conditions
- Extraordinary brightness and visibility with specially designed Fresnel lens providing 360° view
- Full synchronization support with ZER products
- Protects battery life thanks to low current consumption
- On/off and mode control via the vehicle cigarette lighter button, with easy installation.
- Robust roof mounting with optional N35 class high-power neodymium magnet
- Strong light performance with 12 high-power LEDs
- Compliance with international ECE R10, ECE R65, IP65 certificates
- Wide color options: Red, Blue, Amber, Green, White
- Very wide application area: Ideal for Police, Gendarmerie, Ambulance, Fire Brigade, Municipality and Private Vehicles
- Safe and long-lasting use with 2 years warranty period
- Automatic Voltage Protection: The device automatically protects itself at 10.5 VDC-17VDC for 12VDC devices, and 17VDC-30VDC for 24VDC devices.



WCL 0792 WARNING LIGHT CYLINDRICAL SMALL SIZE CENTER MOUNT



TECHNICAL SPECIFICATIONS

Operating Voltage	10VDC - 30VDC
Nominal Voltage	12VDC / 24VDC
Current Consumption	0- 1A
Dome Color	
LED Color	
Lens Color	Specially designed Fresnel lens providing 360° visibility
Flash Frequency	1 - 20Hz.
Number of Flash Patterns	Multiple flash modes capable of synchronized operation with ZER products
Synchronization	Synchronization feature compatible with ZER products
Special Features	UV resistance, 360° visibility, high brightness, operation via cigarette lighter, optional roof mounting with N35 neodymium magnet
Interface	Control by connecting to vehicle cigarette lighter
Cable Length	100mm
Mounting Type	Attaching to motorcycle body with internal screw and optional mounting bracket
Length	Adjustable Height: Min: 50 cm, Max: 76 cm
Width	62mm
Height	790mm
Weight	630gr
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, Private Service, Official Vehicles, Motorcycles, Tow Trucks

ADVANTAGES

- Polycarbonate outer body resistant to environmental conditions and UV rays
- Specially designed Fresnel lens providing 360° extraordinary brightness and visibility with high power Power LEDs
- Various flash patterns synchronized with ZER products
- Protecting battery life with low current consumption
- Possibility of permanent mounting with internal screw and attaching to motorcycle body with optional mounting bracket
- Suitability for different vehicle structures thanks to adjustable height
- Wide color option (Blue, Red, Amber, Green, White)
- Compliance with ECE R10 and ECE R65 standards
- 50,000 hours long LED life
- 2 years warranty period
- Lightweight and compact structure (630 gr)







WCL 0893 WARNING LIGHT CYLINDRICAL MEDIUM SIZE CENTER MOUNT

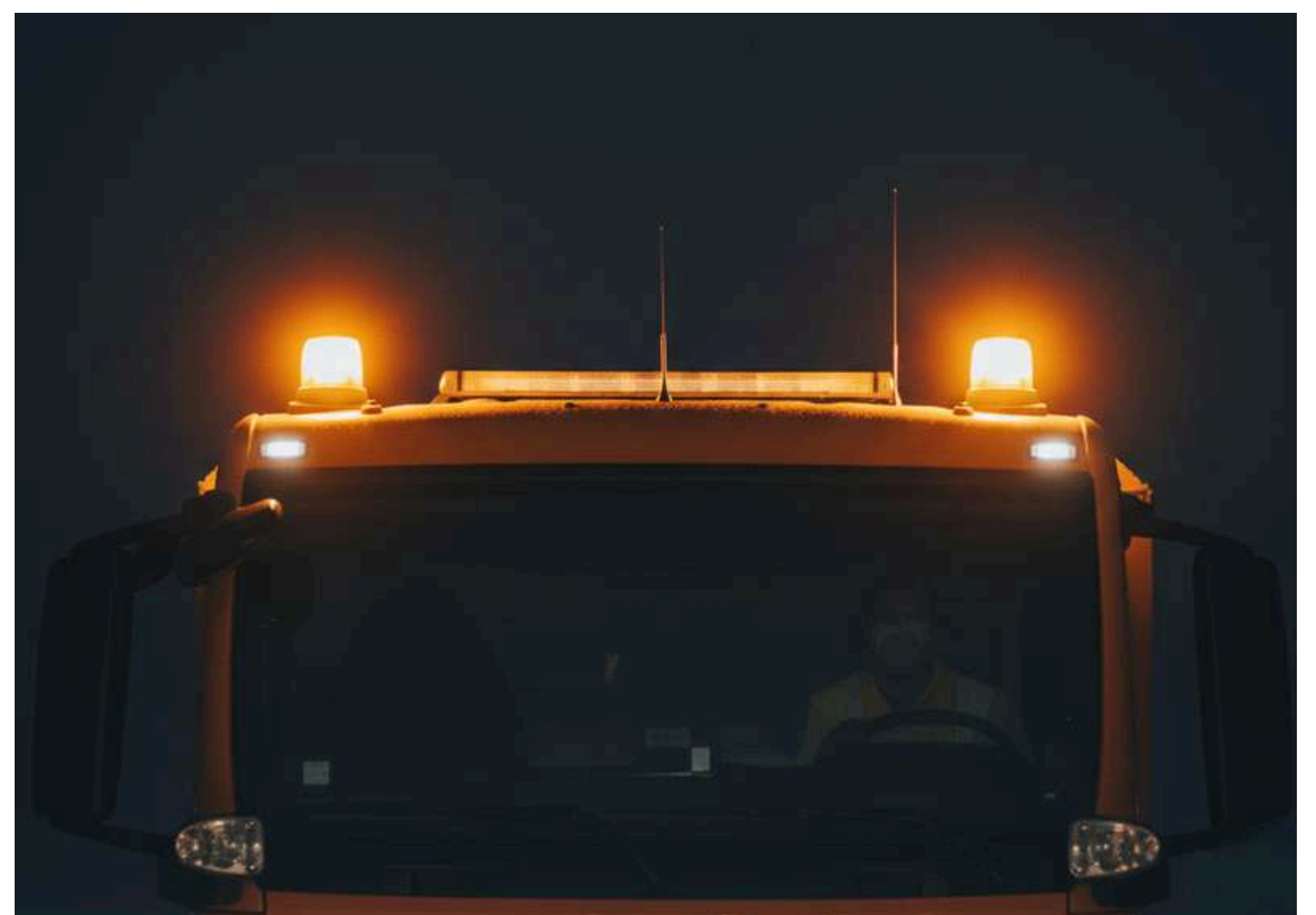


TECHNICAL SPECIFICATIONS

Operating Voltage	10VDC - 30VDC
Nominal Voltage	12VDC / 24VDC
Current Consumption	0- 1.5A
Dome Color	
LED Color	
Lens Color	Specially designed Fresnel lens providing 360° visibility
Flash Frequency	1 - 20Hz.
Number of Flash Patterns	Multiple flash modes capable of synchronized operation with ZER products
Synchronization	Synchronization feature compatible with ZER products
Special Features	UV resistance, 360° visibility, high brightness, operation via cigarette lighter, optional roof mounting with N35 neodymium magnet
Interface	Control by connecting to vehicle cigarette lighter
Cable Length	100mm
Mounting Type	Attaching to motorcycle body with internal screw and optional mounting bracket
Length	130mm
Width	181mm
Height	181mm
Weight	406gr
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, Private Service, Official Vehicles, Motorcycles, Tow Trucks

ADVANTAGES

- Polycarbonate outer body resistant to UV rays and harsh weather conditions
- Extraordinary brightness and visibility with specially designed Fresnel lens providing 360° view
- Full synchronization support with ZER products
- Protects battery life thanks to low current consumption
- Plug-and-play easy installation via vehicle cigarette lighter socket
- Robust roof mounting with optional N35 class high-power neodymium magnet
- Strong light performance with 6 or 12 high-power LEDs
- Compliance with international ECE R10, ECE R65, IP65 certificates
- Wide color options: Red, Blue, Amber, Green, White
- Very wide application area: Ideal for Police, Gendarmerie, Ambulance, Fire Brigade, Municipality and Private Vehicles
- Safe and long-lasting use with 2 years warranty period
- Automatic Voltage Protection: The device automatically protects itself at 10.5 VDC-17VDC for 12VDC devices, and 17VDC-30VDC for 24VDC devices.





WCL 0792 WARNING LIGHT CYLINDRICAL BIG SIZE CENTER MOUNT



TECHNICAL SPECIFICATIONS

Operating Voltage	10VDC - 30VDC
Nominal Voltage	12VDC / 24VDC
Current Consumption	0- 3A
Dome Color	
LED Color	
Lens Color	Specially designed Fresnel lens providing 360° visibility
Flash Frequency	1 - 20Hz.
Number of Flash Patterns	Multiple flash modes capable of synchronized operation with ZER products
Synchronization	Synchronization feature compatible with ZER products
Special Features	UV resistance, 360° visibility, high brightness, operation via cigarette lighter, optional roof mounting with N35 neodymium magnet
Interface	Control by connecting to vehicle cigarette lighter
Cable Length	100mm
Mounting Type	Permanent mounting with internal screw
Length	190mm
Width	190mm
Height	200mm
Weight	1065gr
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	Ideally suited for larger vehicles requiring central mounting.

ADVANTAGES



- Polycarbonate outer housing resistant to UV rays and harsh weather conditions
- Exceptional brightness and visibility with specially designed Fresnel lens providing 360° visibility
- Full synchronization support with ZER products
- Low current consumption helps protect battery life
- Control by connecting to vehicle cigarette lighter
- Secure roof mounting with optional high-strength N35 grade neodymium magnet
- Powerful light performance with 36 high-power LEDs
- Compliance with ECE R10 and ECE R65, IP65 international certifications
- Wide color options: Red, Blue, Amber, Green, White
- Very wide range of applications: Ideal for Police, Gendarmerie, Ambulance, Fire Department, Municipal and Special Vehicles
- Safe and long-lasting use with a 2-year warranty period



WCL 0411M WARNING LIGHT CYLINDRICAL SMALL SIZE MAGNETIC



TECHNICAL SPECIFICATIONS

Operating Voltage	10VDC - 30VDC
Nominal Voltage	12VDC / 24VDC
Current Consumption	0- 1A
Dome Color	
LED Color	
Lens Color	Multicolor and specially designed providing 360° visibility
Flash Frequency	1 - 20Hz.
Number of Flash Patterns	Multiple flash modes capable of synchronized operation with ZER products
Synchronization	Synchronization feature compatible with ZER products
Special Features	UV resistance, 360° visibility, high brightness, operation via cigarette lighter, optional roof mounting with N35 neodymium magnet
Interface	On/off and mode control via button on vehicle cigarette lighter plug
Cable Length	Spiral cable varies according to the vehicle.
Mounting Type	Roof mounting with optional high power N35 magnet
Length	103mm
Width	75mm
Height	75mm
Weight	135gr
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, Private Service, Official Vehicles, Tow Trucks

ADVANTAGES

- Polycarbonate outer body resistant to UV rays and harsh weather conditions
- Extraordinary brightness and visibility with specially designed Fresnel lens providing 360° view
- Full synchronization support with ZER products
- Protects battery life thanks to low current consumption
- On/off and mode control via button on vehicle cigarette lighter plug
- Robust roof mounting with optional N35 class high-power neodymium magnet
- Strong light performance with 12 high-power LEDs
- Compliance with international ECE R10, ECE R65, IP65 certificates
- Wide color options: Red, Blue, Amber, Green, White
- Very wide application area: Ideal for Police, Gendarmerie, Ambulance, Fire Brigade, Municipality and Private Vehicles
- Safe and long-lasting use with 2 years warranty period
- Automatic Voltage Protection: The device automatically protects itself at 10.5 VDC-17VDC for 12VDC devices, and 17VDC-30VDC for 24VDC devices.





WCL 0411T WARNING LIGHT CYLINDRICAL SMALL SIZE TELESCOPIC



TECHNICAL SPECIFICATIONS

Operating Voltage	10VDC - 30VDC
Nominal Voltage	12VDC / 24VDC
Current Consumption	0- 1A
Dome Color	
LED Color	
Lens Color	Specially designed Fresnel lens providing 360° visibility
Flash Frequency	1 - 20Hz.
Number of Flash Patterns	Multiple flash modes capable of synchronized operation with ZER products
Synchronization	Synchronization feature compatible with ZER products
Special Features	UV resistance, 360° visibility, high brightness, optional roof mounting with N35 neodymium magnet
Interface	Control with specially set switch
Cable Length	100mm
Mounting Type	Attaching to motorcycle body with internal screw and optional mounting bracket
Length	103mm
Width	75mm
Height	Adjustable Height: Min: 50 cm, Max: 76 cm
Weight	650gr
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, Private Service, Official Vehicles, Tow Trucks

ADVANTAGES

- UV radiation and environmental condition-resistant polycarbonate outer housing.
- Specially designed Fresnel lens delivering exceptional 360° brightness and visibility with high-power LEDs.
- Multiple flash patterns capable of operating synchronously with ZER products.
- Battery protection through low current consumption.
- Optional mounting bracket allowing attachment to motorcycle body and permanent internal screw mounting.
- Compatibility with various vehicle structures thanks to adjustable height.
- Wide range of color options: Blue, Red, Amber, Green, White.
- Compliant with ECE R10 and ECE R65 standards.
- Long LED lifespan of 50,000 hours.
- Covered by a 2-year warranty.
- Lightweight and compact design





WTM 31100 WARNING LIGHT CYLINDRICAL BIG SIZE TELESCOPIC

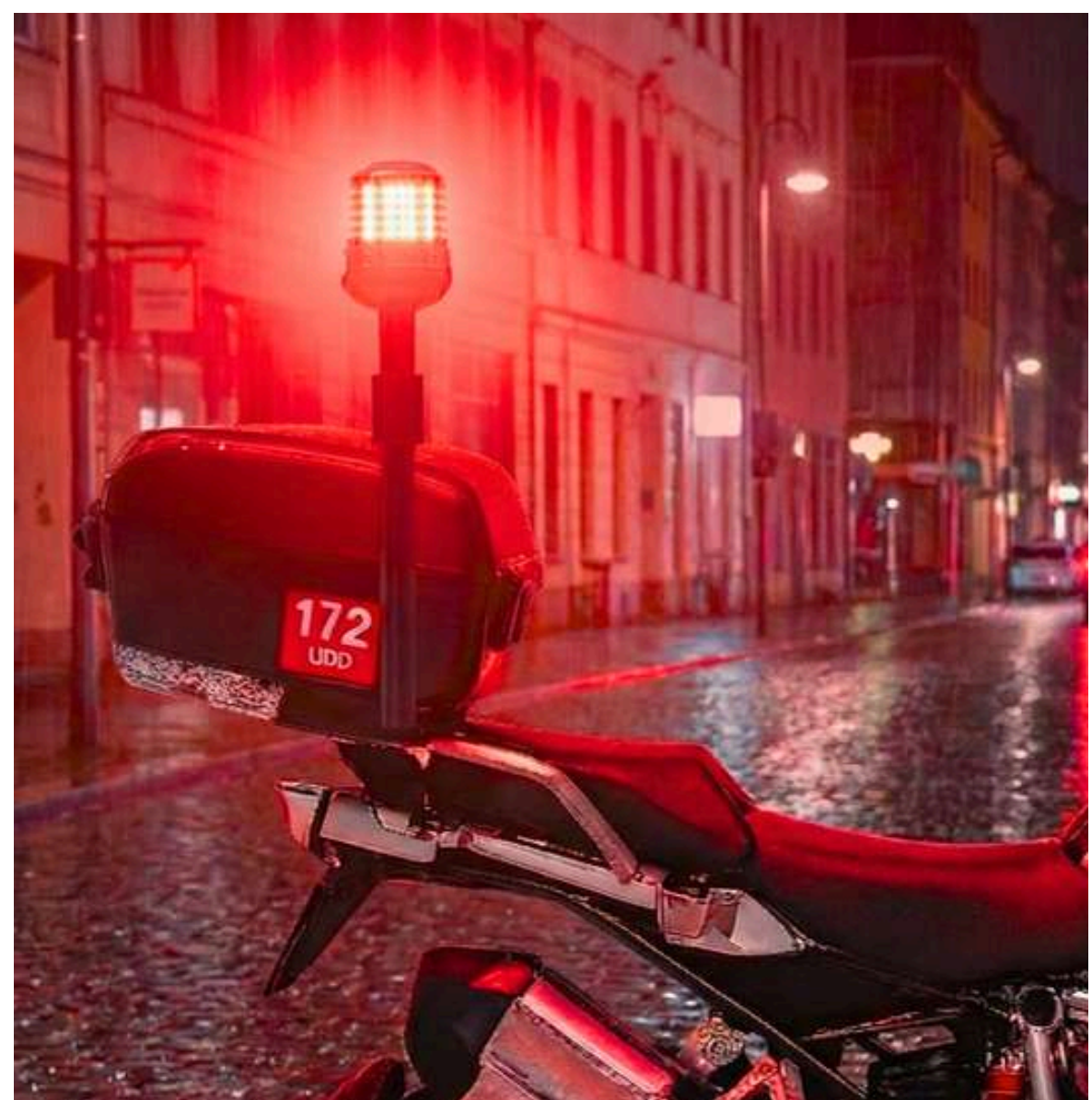


TECHNICAL SPECIFICATIONS

Operating Voltage	10VDC - 30VDC
Nominal Voltage	12VDC / 24VDC
Current Consumption	0.3 - 1A
Dome Color	
LED Color	
Lens Color	Specially designed Fresnel lens providing 360° visibility
Flash Frequency	1 - 20Hz.
Number of Flash Patterns	Multiple flash modes capable of synchronized operation with ZER products
Synchronization	Synchronization feature compatible with ZER products
Special Features	UV resistance, 360° visibility, high brightness, operation via cigarette lighter, optional roof mounting with N35 neodymium magnet
Interface	Control with specially set switch
Cable Length	100mm
Mounting Type	Attaching to motorcycle body with internal screw and optional mounting bracket
Length	790mm
Width	62mm
Height	Adjustable Height: Min: 50 cm, Max: 76 cm
Weight	750gr
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, Private Service, Official Vehicles, Tow Trucks

ADVANTAGES



- Polycarbonate outer body resistant to UV rays and harsh weather conditions
- Extraordinary brightness and visibility with specially designed Fresnel lens providing 360° view
- Full synchronization support with ZER products
- Protects battery life thanks to low current consumption
- Plug-and-play easy installation via vehicle cigarette lighter socket
- Robust roof mounting with optional N35 class high-power neodymium magnet
- Strong light performance with 6 or 12 high-power LEDs
- Compliance with international ECE R10, ECE R65, IP65 certificates
- Wide color options: Red, Blue, Amber, Green, White
- Very wide application area: Ideal for Police, Gendarmerie, Ambulance, Fire Brigade, Municipality and Private Vehicles
- Safe and long-lasting use with 2 years warranty period
- Automatic Voltage Protection: The device automatically protects itself at 10.5 VDC-17VDC for 12VDC devices, and 17VDC-30VDC for 24VDC devices.



PENTAGON LAMP



TECHNICAL SPECIFICATIONS

Operating Voltage	10VDC - 30VDC
Nominal Voltage	12VDC / 24VDC
Current Consumption	0.3 - 1.2A
Dome Color	
LED Color	
Lens Color	Clear, colorless
Flash Frequency	1 - 20Hz.
Number of Flash Patterns	Multiple flash patterns synchronizable with ZER products
Synchronization	Compatible synchronization with ZER products
Special Features	360° rotatable, vibration-resistant special mounting mechanism
Interface	Controlled via ZER Siren Unit
Cable Length	100mm
Mounting Type	360° dönebilen, özel mekanizmalı sabitleme
Length	120mm
Width	94mm
Height	44mm
Weight	410gr
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, Motorcycle, ATV, Airports and Special Service Vehicles

ADVANTAGES



- Polycarbonate outer housing resistant to UV rays and harsh environmental conditions
- High visibility and brightness with high-power LEDs and special Fresnel lens design
- System integrity through multiple flash patterns synchronizable with ZER products
- Low current consumption extends battery life
- Flexible mounting on any surface with a 360° rotatable, vibration-resistant special mounting mechanism
- Powerful light performance with 3W high-power LEDs
- Reliable operation in all climates with operating temperature range of -40°C to +65°C
- Maintenance-free long-term use with 50,000-hour nominal LED lifetime
- Lightweight design (410 g) for easy installation and portability
- Suitable for a wide range of applications including Police, Motorcycles, ATVs, Airports and Special Service Vehicles
- 5 color options: Blue, Red, Amber, Green, White
- Compliant with international standards: IP65, ECE R10 and ECE R65
- Safe and supported use with 2-year warranty



DENALI LAMP



TECHNICAL SPECIFICATIONS

Operating Voltage	10VDC - 30VDC
Nominal Voltage	12VDC / 24VDC
Current Consumption	2.7 - 5.4A
Dome Color	
LED Color	
Lens Color	Clear, colorless
Flash Frequency	1 - 20Hz.
Number of Flash Patterns	Multiple flash patterns synchronizable with ZER products
Synchronization	Compatible synchronization with ZER products
Special Features	Vibration-resistant special mounting mechanism
Interface	Controlled via ZER Siren Unit
Cable Length	100mm
Mounting Type	Special mechanical fixing
Length	120mm
Width	94mm
Height	44mm
Weight	354gr
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, Motorcycle, ATV, Airports and Special Service Vehicles

ADVANTAGES

- Full compatibility with all vehicle electrical systems through 12 VDC – 24 VDC power input.
- UV radiation– and harsh environment–resistant polycarbonate outer housing.
- High visibility and brightness provided by high-power LEDs combined with a specially designed Fresnel lens.
- System integrity ensured by multiple flash patterns capable of operating in synchronization with ZER products.
- Extended battery life thanks to low current consumption.
- Secure and flexible mounting on any surface with a robust, vibration-resistant mounting mechanism.
- Powerful light output delivered by 8 high-power LEDs rated at 3 W each.
- Reliable operation in all climates with a wide operating temperature range from -40 °C to +65 °C.
- Maintenance-free long-term use with a nominal LED lifespan of 50,000 hours.
- Easy installation and portability enabled by a lightweight design (354 g).
- Wide range of applications: suitable for Police, Motorcycles, ATVs, Airports, and Service Vehicles.
- Available in five color options: Blue, Red, Amber, Green, and White.
- Compliant with international standards through IP65, ECE R10, and ECE R65 certifications.
- Reliable and supported operation with a 2-year warranty.



MOTORCYCLE FOG LAMP



TECHNICAL SPECIFICATIONS

Operating Voltage	10VDC - 30VDC
Nominal Voltage	12VDC / 24VDC
Current Consumption	0.8 A
Dome Color	Black
LED Color	White
Lens Color	Clear, colorless
Flash Frequency	1 - 20Hz.
Number of Flash Patterns	Various flash patterns synchronizable with ZER products
Synchronization	Compatible synchronization with ZER products
Special Features	IP67 protection against water and dust, die-cast aluminum housing
Interface	Controlled via ZER Siren Unit
Cable Length	100mm
Mounting Type	Optional mounting compatible with all vehicle types
Length	56mm
Width	56mm
Height	69.8mm
Weight	200gr
Protection Rating	IP65, IP67
Approvals / Certifications	ECE R10, IP65, IP67
LED Lifetime	50,000 hours
Operating Temperature	-40 °C ~ 65 °C
Warranty Period	2 yil
Applications	Police, Gendarmerie, Ambulance, Fire Department, Airports, Municipalities, Highways, Special Service Vehicles, Motorcycles, Tow Trucks

ADVANTAGES


- Die-cast aluminum housing resistant to harsh environmental conditions
- Exceptional brightness with high-power LEDs
- Flash patterns synchronizable with ZER products
- IP67 protection against water, dust and harsh conditions
- Low current consumption extends battery life
- 50,000-hour long LED lifetime
- Compatible mounting for all vehicle types
- Lightweight design
- Wide range of applications: Police, Gendarmerie, Ambulance, Fire Department, Airports, Municipalities, Highways, Special Service Vehicles, Motorcycles, Tow Trucks
- Compliance with ECE R10 certification
- 2-year warranty



TOPCASE



TECHNICAL SPECIFICATIONS

Operating Voltage	10VDC - 30VDC
Nominal Voltage	12VDC / 24VDC
Current Consumption	1.5- 3.5A
Dome Color	Black
LED Color	
Lens Color	Clear, colorless
Flash Frequency	1 - 20Hz.
Number of Flash Patterns	5
Synchronization	Compatible synchronization with ZER products
Special Features	ASA raw material outer shell design, Waterproof structure, Topcase-motor connection plate, Backrest cushion, Helmet-free internal volume
Interface	Ergonomic opening/closing locking mechanism
Cable Length	400mm
Mounting Type	Mounting with a connection plate compatible with all motorcycle types
Length	407mm
Width	353mm
Height	283mm
Weight	5016gr
Protection Rating	IP65
Approvals / Certifications	IP65
LED Lifetime	50,000 hours
Operating Temperature	-40 °C ~ 65 °C
Warranty Period	2 years
Applications	Suitable for use on all motorcycle types

ADVANTAGES



- Special outer shell design manufactured using new generation ASA raw material
- Durable structure resistant to environmental conditions, UV rays and impacts
- Aerodynamic design that does not affect motorcycle balance at high speeds
- Monoblock structure designed to work synchronously with other warning lights
- Optional use as left/right turn signal and brake light
- Ergonomic opening/closing locking mechanism Optional adjustable topcase-motor mounting plate
- Protective cover with integrated dual USB ports
- Two phone compartments and one pen storage area
- Reflective warning triangle integrated into the lid
- Optimized internal volume allowing easy installation of battery, siren, etc.
- Durable backrest cushion resistant to external impacts
- Interior volume designed to ensure helmet-free usage



SNAIL TYPE MAGNETIC BEACON LIGHT



TECHNICAL SPECIFICATIONS

Operating Voltage	10VDC - 30VDC
Nominal Voltage	12VDC / 24VDC
Current Consumption	0.3 - 1A
Dome Color	
LED Color	
Lens Color	Clear, colorless
Flash Frequency	1 - 20Hz.
Number of Flash Patterns	Various flash patterns synchronizable with ZER products
Synchronization	Compatible synchronization with ZER products
Special Features	N35 grade neodymium magnetic base, Rubber-coated base, UV-resistant housing, 360° visibility, Cigarette lighter powered
Interface	On/Off and mode control via cigarette lighter plug
Cable Length	4m
Mounting Type	Magnetic base with rubber coating for vehicle mounting
Length	206mm
Width	160mm
Height	115mm
Weight	850gr
Protection Rating	IP65
Approvals / Certifications	IP65
LED Lifetime	50,000 hours
Operating Temperature	-40 °C ~ 65 °C
Warranty Period	2 years
Applications	Police, Gendarmerie, Ambulance, Fire Department, Airports, Municipalities, Highways, Special Service Vehicles, Tow Trucks

ADVANTAGES

- Polycarbonate housing resistant to UV rays and harsh environmental conditions
- High-power LEDs with special Fresnel lens for maximum brightness
- 360° visibility with high optical performance
- Flash patterns synchronizable with ZER products for system integrity
- Low current consumption extends battery life
- Plug-and-play usage via cigarette lighter socket
- Strong and secure mounting with N35 grade neodymium magnetic base
- Rubber-coated base protects vehicle surface from scratches
- Available in 12, 24, 36W power options depending on application
- Wide operating temperature range (-40°C to +65°C)
- Long-term use with 50,000-hour LED lifetime
- Compact and lightweight design for easy portability
- Suitable for many applications including Police, Ambulance, Fire and Special Service Vehicles
- 2-year warranty for reliable performance and support
- Automatic Voltage Protection: The device automatically protects itself at 10.5 VDC-17VDC for 12VDC devices, and 17VDC-30VDC for 24VDC devices.



LRW 0311 LED WARNING LAMP WITH CHARGING ADAPTER



TECHNICAL SPECIFICATIONS

Operating Voltage	6VDC
Nominal Voltage	6VDC
Current Consumption	Low power consumption
Dome Color	Amber
LED Color	Amber
Lens Color	Fresnel lens providing exceptional brightness with high-power LEDs
Flash Frequency	1 - 20Hz.
Number of Flash Patterns	2 (Night / Day modes)
Synchronization	Synchronized operation with ZER LED warning lamps
Special Features	360° rotating and bidirectional light structure, battery and charge status LED indicator
Interface	Cigarette lighter input or charging adapter connection
Cable Length	
Mounting Type	
Length	190mm
Width	100mm
Height	370mm
Weight	3550gr
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, Fire Brigade, Airport, Municipality, Highway

ADVANTAGES

- Polycarbonate outer housing resistant to environmental conditions and UV exposure
- High visibility with specially designed Fresnel lens
- 360° rotating structure with dual-direction light output
- Different energy consumption modes for day and night operation
- Option for single-use or rechargeable batteries
- Colored LED indicators for battery status
- Rechargeable via external adapter
- Up to 36 hours of continuous operation in daytime mode with a single battery
- Low power consumption to extend battery life
- Compliance with ECE R10, ECE R65, and IP65 standards
- Concrete-weighted base to prevent tipping or movement due to external factors
- Wide range of applications and 2-year warranty



LRW 0311 LED WARNING LAMP (RECHARGEABLE)



TECHNICAL SPECIFICATIONS

Operating Voltage	6VDC
Nominal Voltage	6VDC
Current Consumption	Low power consumption
Dome Color	Amber
LED Color	Amber
Lens Color	Fresnel lens providing exceptional brightness with high-power LEDs
Flash Frequency	1 - 20Hz.
Number of Flash Patterns	2 (Night / Day modes)
Synchronization	Synchronized operation with ZER LED warning lamps
Special Features	360° rotating and bidirectional light structure, battery and charge status LED indicator
Interface	Cigarette lighter input or charging adapter connection
Cable Length	
Mounting Type	
Length	190mm
Width	100mm
Height	370mm
Weight	3550gr
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, Fire Brigade, Airport, Municipality, Highway

ADVANTAGES

- Polycarbonate outer housing resistant to environmental conditions and UV exposure
- High visibility with specially designed Fresnel lens
- 360° rotating structure with dual-direction light output
- Different energy consumption modes for day and night operation
- Option for single-use or rechargeable batteries
- Colored LED indicators for battery status
- Rechargeable via vehicle cigarette lighter socket
- Up to 36 hours of continuous operation in daytime mode with a single battery
- Low power consumption to extend battery life
- Compliance with ECE R10, ECE R65, and IP65 standards
- Concrete-weighted base to prevent tipping or movement caused by external factors
- Wide range of applications and 2-year warranty



LRW 0311 LED WARNING LAMP (TRIPOD STAND)



TECHNICAL SPECIFICATIONS

Operating Voltage	6VDC
Nominal Voltage	6VDC
Current Consumption	Low power consumption
Dome Color	Amber
LED Color	Amber
Lens Color	Fresnel lens providing exceptional brightness with high-power LEDs
Flash Frequency	1 - 20Hz.
Number of Flash Patterns	2 (Night / Day modes)
Synchronization	Synchronized operation with ZER LED warning lamps
Special Features	360° rotating and bidirectional light structure, battery and charge status LED indicator
Interface	Cigarette lighter input or charging adapter connection
Cable Length	
Mounting Type	
Length	190mm
Width	100mm
Height	370mm
Weight	3550gr
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, Fire Brigade, Airport, Municipality, Highway

ADVANTAGES

- Polycarbonate outer housing resistant to environmental conditions and UV exposure
- High visibility with specially designed Fresnel lens
- 360° rotating structure with dual-direction light output
- Different energy consumption modes for day and night operation
- Option for single-use or rechargeable batteries
- Colored LED indicators for battery status
- Rechargeable via vehicle cigarette lighter socket or external adapter
- Up to 36 hours of continuous operation in daytime mode with a single battery
- Low power consumption to extend battery life
- Compliance with ECE R10, ECE R65, and IP65 standards
- Concrete-weighted base to prevent tipping or movement due to external factors
- Wide range of applications and 2-year warranty





EF 0011 HAND TORCH – LARGE SIZE PROFESSIONAL TYPE SET



TECHNICAL SPECIFICATIONS

Operating Voltage	6VDC
Nominal Voltage	6VDC
Current Consumption	-
Dome Color	Black body
LED Color	White
Lens Color	-
Flash Frequency	Fixed
Number of Flash Patterns	Fixed
Synchronization	-
Special Features	Aerospace-grade aluminum body, breaker function, adjustable focus beam, long-term full efficiency operation
Interface	
Cable Length	
Mounting Type	
Length	345mm, 360mm, 320mm
Width	58mm, 80mm, 70mm
Height	58mm, 80mm, 70mm
Weight	1030gr
Protection Rating	
Approvals / Certifications	
LED Lifetime	50,000 hours
Operating Temperature	-40 °C ~ 65 °C
Warranty Period	2 years
Applications	Security, Police, Gendarmerie, Search & Rescue, Disaster Response

ADVANTAGES

- Deformation-resistant special outer body coating
- Impact- and heat-resistant glass lens
- High reflectivity aluminum-coated smooth reflector surface
- Operable in rainy conditions
- Adjustable focus for beam width control
- Rechargeable without removing the battery thanks to self-charging body design
- Battery charging via vehicle cigarette socket (12VDC) or charger (220VDC)
- Charging indicator light on charger
- Suitable for long-distance, close-range, and general illumination
- Aerospace-grade aluminum body enables use as a breaker when required
- Adjustable head provides excellent illumination for wide and long distances
- Specially designed high-output LED and reflector unit maintains full efficiency over long periods





EF 0010 HAND TORCH – LARGE SIZE PROFESSIONAL RECHARGEABLE



TECHNICAL SPECIFICATIONS

Operating Voltage	6VDC
Nominal Voltage	6VDC
Current Consumption	-
Dome Color	Black body
LED Color	White
Lens Color	-
Flash Frequency	Fixed
Number of Flash Patterns	Fixed
Synchronization	-
Special Features	Aerospace-grade aluminum body, breaker function, adjustable focus beam, long-term full efficiency operation
Interface	
Cable Length	
Mounting Type	
Length	345mm
Width	58mm
Height	58mm
Weight	830gr
Protection Rating	
Approvals / Certifications	
LED Lifetime	50,000 hours
Operating Temperature	-40 °C ~ 65 °C
Warranty Period	2 years
Applications	Security, Police, Gendarmerie, Search & Rescue, Disaster Response

ADVANTAGES

- Deformation-resistant special outer body coating
- Impact- and heat-resistant glass lens
- High reflectivity aluminum-coated smooth reflector surface
- Operable in rainy conditions
- Adjustable focus for beam width control
- Rechargeable without removing the battery thanks to self-charging body design
- Battery charging via vehicle cigarette socket (12VDC) or charger (220VDC)
- Charging indicator light on charger
- Suitable for long-distance, close-range, and general illumination
- Aerospace-grade aluminum body enables use as a breaker when required
- Adjustable head provides excellent illumination for wide and long distances
- Specially designed high-output LED and reflector unit maintains full efficiency over long periods





EF 0011 HAND TORCH – LARGE SIZE PROFESSIONAL BATTERY TYPE



TECHNICAL SPECIFICATIONS

Operating Voltage	6VDC
Nominal Voltage	6VDC
Current Consumption	-
Dome Color	Black body
LED Color	White
Lens Color	-
Flash Frequency	Fixed
Number of Flash Patterns	Fixed
Synchronization	-
Special Features	Aerospace-grade aluminum body, breaker function, adjustable focus beam, long-term full efficiency operation
Interface	
Cable Length	
Mounting Type	
Length	345mm, 360mm, 320mm
Width	58mm, 80mm, 70mm
Height	58mm, 80mm, 70mm
Weight	830gr
Protection Rating	
Approvals / Certifications	
LED Lifetime	50,000 hours
Operating Temperature	-40 °C ~ 65 °C
Warranty Period	2 years
Applications	Security, Police, Gendarmerie, Search & Rescue, Disaster Response

ADVANTAGES

- Deformation-resistant special outer body coating
- Impact- and heat-resistant glass lens
- High reflectivity aluminum-coated smooth reflector surface
- Operable in rainy conditions
- Adjustable focus for beam width control
- Rechargeable without removing the battery thanks to self-charging body design
- Battery charging via vehicle cigarette socket (12VDC) or charger (220VDC)
- Charging indicator light on charger
- Suitable for long-distance, close-range, and general illumination
- Aerospace-grade aluminum body enables use as a breaker when required
- Adjustable head provides excellent illumination for wide and long distances
- Specially designed high-output LED and reflector unit maintains full efficiency over long periods





EF 0012 HAND TORCH – SMALL SIZE PROFESSIONAL TYPE



TECHNICAL SPECIFICATIONS

Operating Voltage	6VDC
Nominal Voltage	6VDC
Current Consumption	-
Dome Color	Black body
LED Color	White
Lens Color	-
Flash Frequency	Fixed
Number of Flash Patterns	Fixed
Synchronization	-
Special Features	Aerospace-grade aluminum body, breaker function, adjustable focus beam, long-term full efficiency operation
Interface	-
Cable Length	-
Mounting Type	-
Length	320mm
Width	70mm
Height	70mm
Weight	-
Protection Rating	
Approvals / Certifications	
LED Lifetime	50,000 hours
Operating Temperature	-40 °C ~ 65 °C
Warranty Period	2 years
Applications	Security, Police, Gendarmerie, Search & Rescue, Disaster Response

ADVANTAGES

- Deformation-resistant special outer body coating
- Impact- and heat-resistant glass lens
- High reflectivity provided by aluminum-coated smooth reflector surface
- Ability to operate in rainy conditions
- Adjustable focus feature to control beam width according to environmental conditions
- Powerful light source provided by LED technology
- Areas of Use: Suitable for handheld use for long-distance, close-range, and general illumination purposes
- Warranty Period: 2 years
- Thanks to its body manufactured from so-called aircraft aluminum, it is resistant to external factors and can be used as a hammer/breaker when necessary
- Adjustable head design provides excellent illumination for both long-distance and wide-area lighting
- Specially designed high-output LED and reflector unit enables long-term operation at full efficiency without loss of power



ZER T13-18650 TORCH



TECHNICAL SPECIFICATIONS

Operating Voltage	3.0-4.2VDC
Nominal Voltage	3.7VDC
Current Consumption	-
Dome Color	Grey body
LED Color	White
Lens Color	
Flash Frequency	Fixed
Number of Flash Patterns	8 modes
Synchronization	-
Special Features	18650 Li-ion battery, charging time: 3 hours
Interface	Button control
Cable Length	-
Mounting Type	-
Length	147mm
Width	50mm
Height	50mm
Weight	Empty: 130gr / With battery: 200gr
Protection Rating	IPX4
Approvals / Certifications	IPX4
LED Lifetime	50,000 hours
Operating Temperature	-40 °C ~ 65 °C
Warranty Period	2 years
Applications	Security, Police, Gendarmerie, Search & Rescue, Disaster Response

ADVANTAGES

- Aluminum-coated smooth reflector surface with high reflectivity
- Adjustable focus beam width
- High-intensity XP-E2 R3 LED
- Charging via vehicle cigarette socket (12VDC) or charger (220VDC)
- 6 brightness modes: 180lm – 50lm – 15lm – 1Hz – 10Hz – SOS
- Runtime options: 7.45h – 23h – 60h – 12h – 13h – 13h
- Warranty Period: 2 years
- Areas of Use: Security, Police, Gendarmerie, Search & Rescue, Disaster Response



PROJECTOR / LED SEARCH LIGHT SSD06



TECHNICAL SPECIFICATIONS

Operating Voltage	10VDC - 30VDC
Nominal Voltage	12VDC / 24VDC
Current Consumption	50Watt
Dome Color	Black body
LED Color	White
Lens Color	Transparent
Flash Frequency	Fixed
Number of Flash Patterns	Fixed
Synchronization	
Special Features	Mechanism capable of rotating 120° up and down and 360° left and right
Interface	Controlled via remote control
Cable Length	
Mounting Type	
Length	480mm
Width	530mm
Height	500mm
Weight	2.4kg
Protection Rating	
Approvals / Certifications	
LED Lifetime	50,000 hours
Operating Temperature	-40 °C ~ 65 °C
Warranty Period	2 years
Applications	Suitable for indoor, outdoor, and general illumination

ADVANTAGES

- PC lens with high heat resistance and transparency
- Mechanism allowing 120° vertical and 360° horizontal rotation
- Remote control operation
- Light Source: High-power LED
- Warranty Period: 2 years
- Areas of Use: Security, Police, Gendarmerie, Search & Rescue, Disaster Response



FIXED PROJECTOR



TECHNICAL SPECIFICATIONS

Operating Voltage	90-265V
Nominal Voltage	90-265V
Current Consumption	
Dome Color	
LED Color	White
Lens Color	Transparent
Flash Frequency	Fixed
Number of Flash Patterns	Fixed
Synchronization	
Special Features	
Interface	
Cable Length	40cm
Mounting Type	Fixed base mounting
Length	
Width	
Height	
Weight	360gr
Protection Rating	IP65
Approvals / Certifications	
LED Lifetime	50,000 hours
Operating Temperature	-40 °C ~ 65 °C
Warranty Period	2 years
Applications	Suitable for armored vehicles, tanks, and external vehicle-mounted warning/protection purposes

ADVANTAGES

- Designed to protect lighting units from external impacts while allowing easy angle adjustment
- Patented by ZER Elektronik Sanayi ve Ticaret Ltd. Şti.
- Materials & Manufacturing: Stainless steel, galvanized steel, laser cutting, bending
- Plate Thickness: 2mm
- Suitable for armored vehicles, tanks, and external vehicle-mounted warning/protection purposes
- Warranty Period: 2 years



LINEAR LIGHTING

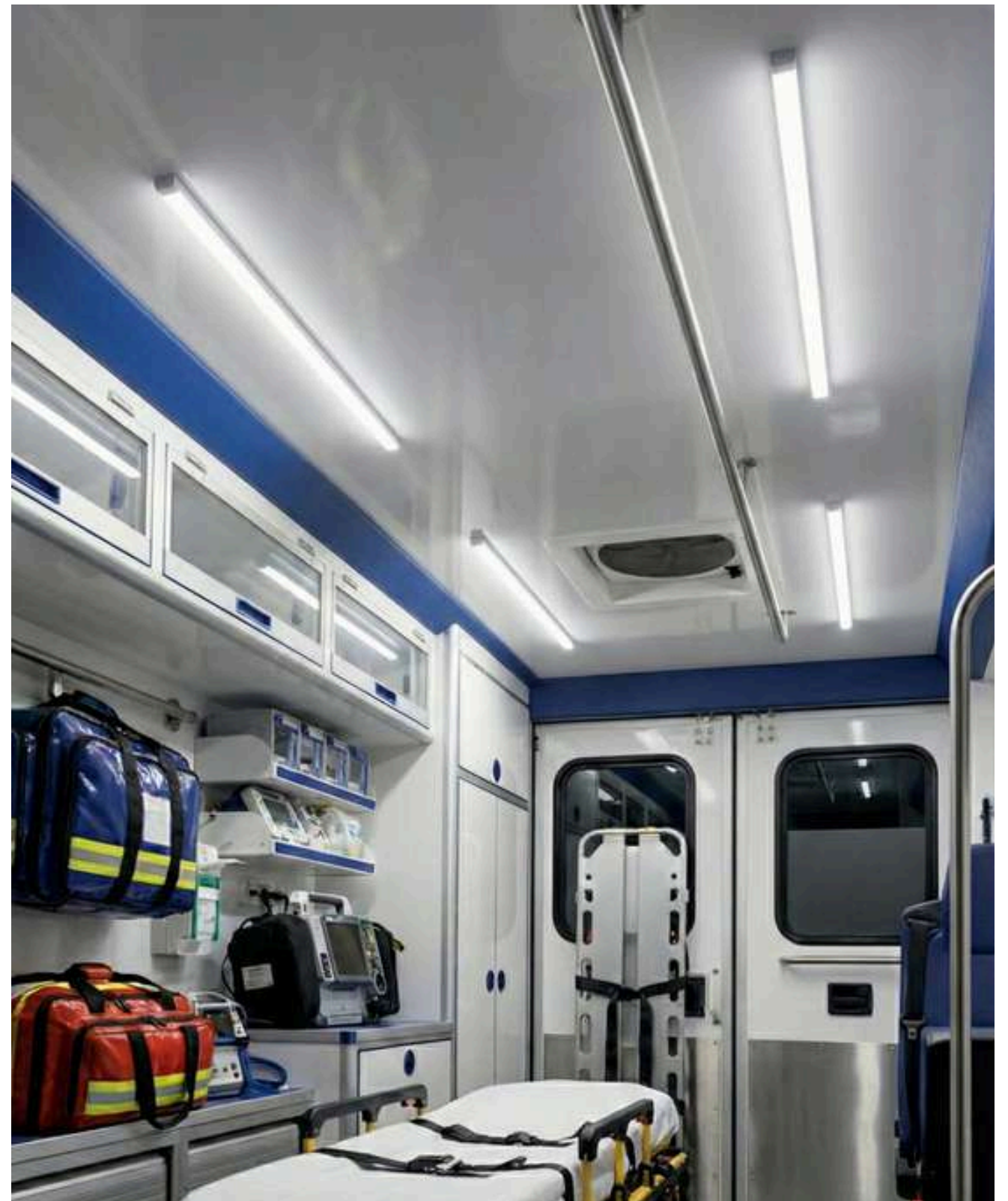


TECHNICAL SPECIFICATIONS

Operating Voltage	10VDC - 30VDC
Nominal Voltage	12VDC / 24VDC
Current Consumption	Low power consumption
Dome Color	White
LED Color	White
Lens Color	Transparent fresnel-patterned front glass
Flash Frequency	Fixed
Number of Flash Patterns	Fixed
Synchronization	-
Special Features	
Interface	Switch control
Cable Length	
Mounting Type	
Length	Can be customized
Width	Can be customized
Height	Varies depending on configuration
Weight	
Protection Rating	IP54
Approvals / Certifications	
LED Lifetime	50,000 hours
Operating Temperature	-40 °C ~ 65 °C
Warranty Period	2 years
Applications	Especially suitable for ambulance cabins

ADVANTAGES

- Special diffuser designed for uniform light distribution
- Voltage regulation circuit ensures stable light output between 11V–16V
- UV-resistant polycarbonate white diffuser
- Adjustable brightness in minimum 4 levels via capacitive switch
- Warranty Period: 2 years



SPOT LIGHTING

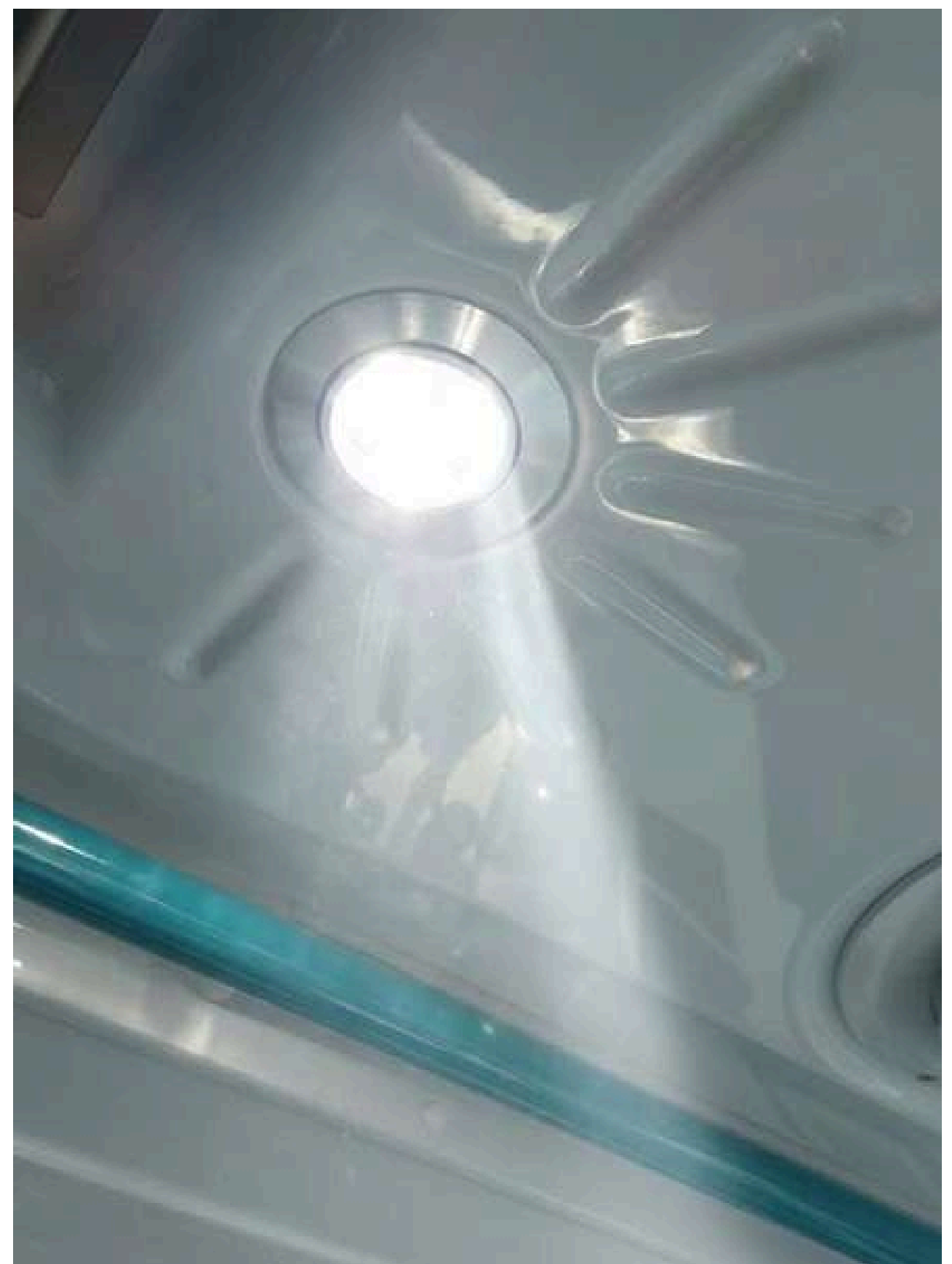


TECHNICAL SPECIFICATIONS

Operating Voltage	10VDC - 30VDC
Nominal Voltage	12VDC / 24VDC
Current Consumption	Low power consumption
Dome Color	White body
LED Color	White LED
Lens Color	Fresnel lens for homogeneous light distribution
Flash Frequency	Fixed
Number of Flash Patterns	Fixed
Synchronization	-
Special Features	Aluminum outer housing
Interface	-
Cable Length	
Mounting Type	Vehicle roof mounting via dedicated brackets
Length	
Width	
Height	
Weight	
Protection Rating	
Approvals / Certifications	
LED Lifetime	50,000 hours
Operating Temperature	-40 °C ~ 65 °C
Warranty Period	2 years
Applications	Especially suitable for ambulance cabins

ADVANTAGES

- Aluminum main body and polycarbonate components
- Fresnel lens designed to enhance evenly distributed light intensity
- Number of LEDs: 1 high-power 5 Watt power LED
- Color Options: White
- Warranty Period: 2 years
- Spring-loaded, stainless mounting components for securing to vehicle roofs



SGP 9609 STOP-GO SIGN



TECHNICAL SPECIFICATIONS

Operating Voltage	3.0-4.2VDC
Nominal Voltage	3.7VDC
Current Consumption	
Dome Color	White
LED Color	
Lens Color	
Flash Frequency	
Number of Flash Patterns	
Synchronization	
Special Features	Powerful LED lighting, ABS body, Customizable message, Rechargeable
Interface	On/Off Button
Cable Length	
Mounting Type	
Length	445mm
Width	195mm
Height	50mm
Weight	Empty: 550gr / With battery: 620gr
Protection Rating	IP65
Approvals / Certifications	
LED Lifetime	50,000 hours
Operating Temperature	-40°C ~ +85°C
Warranty Period	2 Years
Applications	Suitable for warning, alerting, directing, and marking purposes.

ADVANTAGES

- Operates with a rechargeable Li-ion battery
- Illumination with high-power LEDs on both surfaces.
- Round reflective tape with high reflectivity (Green on one side, Red on the other) including text messages.
- Impact-resistant ABS plastic body.
- Long and uninterrupted operating time.
- Easy battery replacement capability.
- Easy carrying with wrist strap.
- Independent control of LEDs on both surfaces.
- Colored polycarbonate lenses providing light color matching the reflective surface.
- Ability to print customizable messages on the reflective tape on both sides of the sign.
- Suitable for outdoor environmental conditions.
- Battery charging via 12VDC from vehicle cigarette lighter or 220VAC charger (for rechargeable models).



RSGP 9609 STOP / GO PADDLE



TECHNICAL SPECIFICATIONS

Operating Voltage	
Nominal Voltage	
Current Consumption	
Dome Color	White body
LED Color	
Lens Color	
Flash Frequency	
Number of Flash Patterns	
Synchronization	
Special Features	ABS body, carrying strap & bag accessories, customizable message
Interface	
Cable Length	
Mounting Type	
Length	445mm
Width	195mm
Height	50mm
Weight	450gr
Protection Rating	
Approvals / Certifications	
LED Lifetime	
Operating Temperature	
Warranty Period	2 Years
Applications	Suitable for warning, alerting, directing, and marking purposes.

ADVANTAGES

- Reflective material provides high visibility warning
- No power source required, visible from long distances
- Multiple surface color options
- Impact-resistant ABS plastic body
- Wrist strap for easy carrying
- Custom text printing on both sides
- Optional protective carrying case
- Suitable for harsh environmental conditions



VL 9407 SIREN – PA ANNOUNCEMENT HORN



TECHNICAL SPECIFICATIONS

Operating Voltage	Passive Speaker
Nominal Voltage	-
Current Consumption	-
Rated Power	100W RMS
Sound Pressure Level	115 dB (1 kHz reference signal)
Impedance	11Ω
Frequency Range	180Hz. - 7kHz.
Magnet Type	Neodymium Magnet
Connection Type	2 pin terminal
Special Features	Stainless steel & aluminum housing, high-efficiency neodymium magnet, durable special diaphragm, mobile system compatibility
Housing Color	Black
Cable Length	2m
Mounting Type	Fast installation on all vehicle types with mounting feet
Length	202mm
Width	123mm
Height	140mm
Weight	2.650gr
Protection Rating	IP65
Approvals / Certifications	SAE J1849, EVS1, EVS2, EVS3, IP65, Acoustic Performance Test
Operating Temperature	-30 °C ... +65 °C,
Warranty Period	2 years
Applications	Police, Gendarmerie, Ambulance, Fire Brigade, Airport, Municipality, Highway Services, Official Vehicles, Tow Trucks

ADVANTAGES

- 100W RMS output power delivers powerful sound projection in wide areas
- 11 Ω impedance ensures compatibility with different systems
- High sound quality and clear announcements with 180 Hz – 7 kHz frequency response
- Stainless steel and aluminum housing resistant to harsh environmental conditions
- Maximum sound performance thanks to high-efficiency neodymium magnet
- Durable special diaphragm design for long service life and stable sound output
- Specifically designed for mobile siren, announcement, and sound reinforcement systems
- Easy and fast vehicle integration with mounting brackets
- Flexible color options for aesthetic appearance and visibility
- Suitable for use in police, gendarmerie, ambulance, fire brigade, airport, and special service vehicles
- Compliance with international standards through SAE J1849, EVS1, EVS2, EVS3 and acoustic performance testing
- Reliable and long-lasting use with 2-year warranty



SVD 1016 MOTORCYCLE HORN



TECHNICAL SPECIFICATIONS

Operating Voltage	Passive Speaker
Nominal Voltage	-
Current Consumption	-
Rated Power	80W RMS
Sound Pressure Level	115 dB (1 kHz reference signal)
Impedance	11Ω
Frequency Range	180Hz. - 7kHz.
Magnet Type	Neodymium Magnet
Connection Type	2 pin terminal
Special Features	Stainless structure, aluminum components, neodymium magnet, durable diaphragm, motorcycle-compatible design
Housing Color	Black
Cable Length	1m
Mounting Type	Fast adaptation to all vehicle types with mounting feet
Length	286mm
Width	284mm
Height	284mm
Weight	1.400gr
Protection Rating	IP65
Approvals / Certifications	SAE J1849, EVS1, EVS2, EVS3, IP65, Acoustic Performance Test
Operating Temperature	-30 °C ... +65 °C,
Warranty Period	2 years
Applications	Police, Gendarmerie, Law Enforcement, ATV and Service Vehicles

ADVANTAGES

- Durable stainless steel structure and aluminum components provide long service life under harsh conditions
- Strong mounting stability with high-efficiency neodymium magnet
- Powerful and clear sound output thanks to specially designed durable diaphragm
- Compact and ergonomic design optimized for motorcycles
- Easy installation with optional mounting brackets suitable for vehicles and motorcycles
- Wide range of applications including police, gendarmerie, ATV and service vehicles
- Certified reliability and performance in compliance with SAE J1849 and EVS standards
- Long-term durability supported by a 2-year warranty



LLB 0801 FLAT HORN

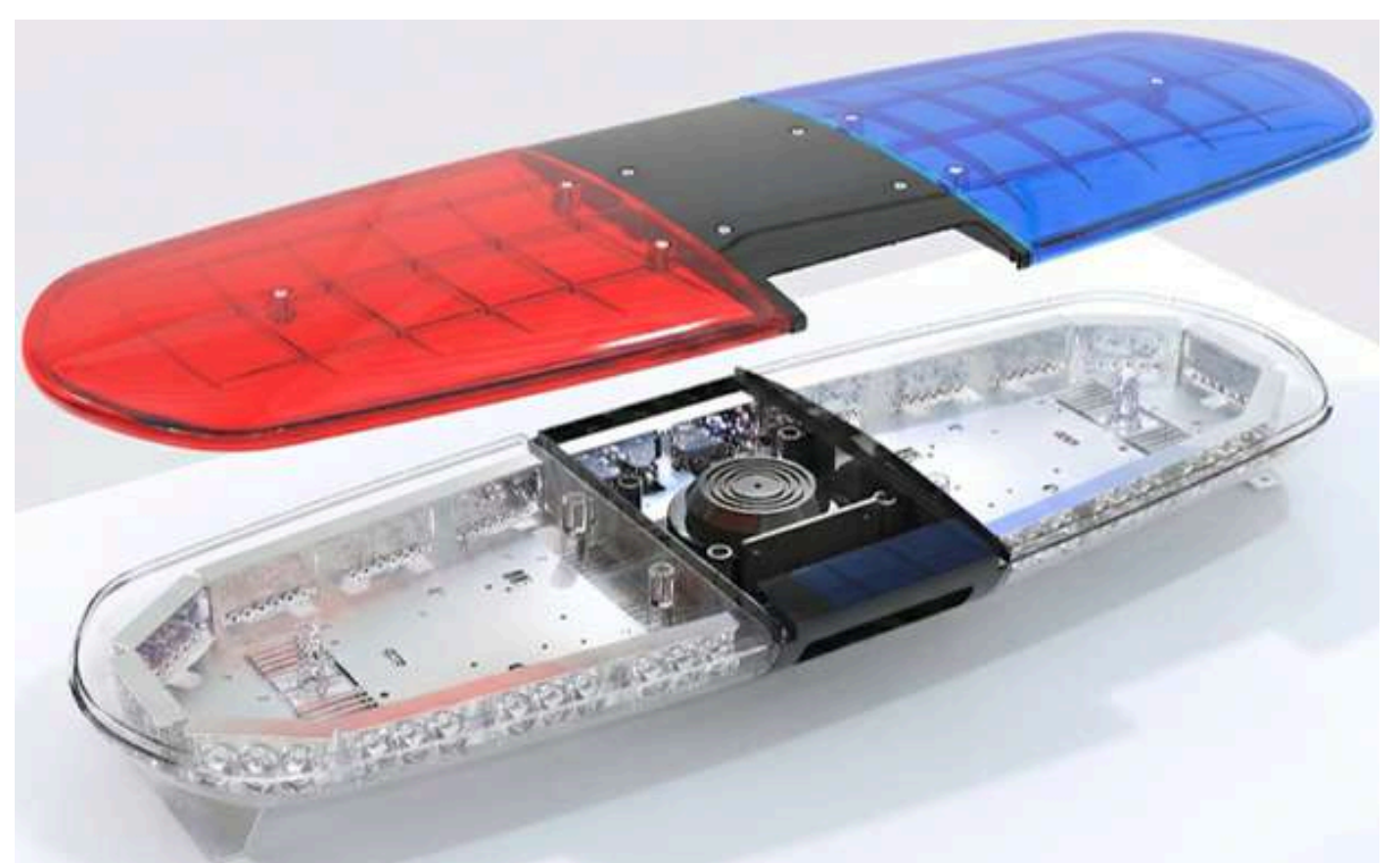


TECHNICAL SPECIFICATIONS

Operating Voltage	Passive Speaker
Nominal Voltage	-
Current Consumption	-
Rated Power	100W RMS
Sound Pressure Level	115dB (1kHz referans sinyalinde)
Impedance	11Ω
Frequency Range	180Hz. - 10kHz.
Magnet Type	Neodimyum Magnet
Connection Type	Compatible with New Generation Lightbar / 2-pin terminal
Special Features	Stainless construction, aluminum components, neodymium magnet, durable diaphragm, motorcycle-compatible
Housing Color	Black
Cable Length	1m
Mounting Type	Design compatible with New Generation Lightbar
Length	262mm
Width	190mm
Height	70mm
Weight	3.000g
Protection Rating	IP65
Approvals / Certifications	SAE J1849, EVS1, EVS2, EVS3, IP65, Acoustic Performance Test
Operating Temperature	-30 °C ... +65 °C,
Warranty Period	2 years
Applications	Police, Gendarmerie, Ambulance, Fire Brigade, Airport, Municipality, Highway Services, Official Vehicles, Tow Trucks

ADVANTAGES

- Robust and long-lasting structure resistant to harsh environmental conditions
- High sound performance with 100W RMS output power and specially designed diaphragm
- Flexible installation with mounting brackets compatible with all vehicle types
- Strong and vibration-free operation thanks to high-efficiency neodymium magnet
- Ergonomic design compatible with lightbars for integrated use and aesthetic appearance
- Wide frequency response of 180 Hz – 10 kHz covers a broad sound range
- System compatibility ensured by 11 Ω impedance
- Fully compliant with SAE J1849 and EVS standards for certified reliability
- Suitable for a wide range of official and service vehicles





CLOSED-HOUSING FLAT SPEAKER MAGNETIC OR FIXED MOUNT



TECHNICAL SPECIFICATIONS

Operating Voltage	Passive Speaker
Nominal Voltage	=
Current Consumption	-
Rated Power	100W RMS
Sound Pressure Level	115dB (1kHz referans sinyalinde)
Impedance	11Ω
Frequency Range	180Hz. - 10kHz.
Magnet Type	Neodimyum Magnet
Connection Type	Compatible with New Generation Lightbar / 2-pin terminal
Special Features	Stainless construction, aluminum components, neodymium magnet, durable diaphragm, motorcycle-compatible
Housing Color	Black
Cable Length	1m
Mounting Type	Design compatible with New Generation Lightbar
Length	262mm
Width	190mm
Height	70mm
Weight	6000gr
Protection Rating	IP65
Approvals / Certifications	SAE J1849, EVS1, EVS2, EVS3, IP65, Acoustic Performance Test
Operating Temperature	-30 °C ... +65 °C,
Warranty Period	2 years
Applications	Police, Gendarmerie, Ambulance, Fire Brigade, Airport, Municipality, Highway Services, Official Vehicles, Tow Trucks

ADVANTAGES

- Robust and long-lasting structure resistant to harsh environmental conditions
- High sound performance with 100W RMS output power and specially designed diaphragm
- Flexible installation with mounting brackets compatible with all vehicle types
- Strong and vibration-free operation thanks to high-efficiency neodymium magnet
- Ergonomic design compatible with lightbars for integrated use and aesthetic appearance
- Wide frequency response of 180 Hz – 10 kHz covers a broad sound range
- System compatibility ensured by 11 Ω impedance
- Fully compliant with SAE J1849 and EVS standards for certified reliability
- Suitable for a wide range of official and service vehicles



DUN 1001 DRIVER UNIT – NEODYMIUM

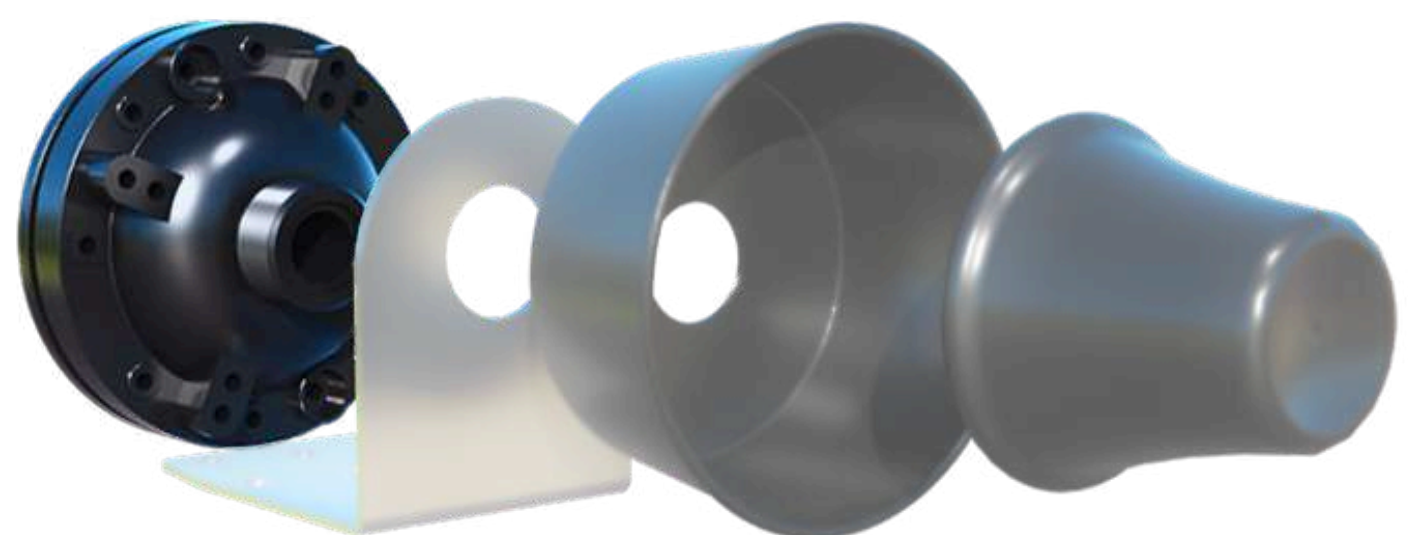


TECHNICAL SPECIFICATIONS

Operating Voltage	Passive Speaker
Nominal Voltage	-
Current Consumption	-
Rated Power	100W RMS
Sound Pressure Level	115dB (1kHz referans sinyalinde)
Impedance	11Ω
Frequency Range	180Hz. - 7kHz.
Magnet Type	Neodimyum Magnet
Connection Type	2 pin terminal
Special Features	High-efficiency neodymium magnet, aluminum diaphragm housing, durable special diaphragm design
Housing Color	Black
Cable Length	2m
Mounting Type	Fast adaptation to all vehicle types with mounting feet
Length	116mm
Width	116mm
Height	72mm
Weight	1800gr
Protection Rating	IP65
Approvals / Certifications	SAE J1849, EVS1, EVS2, EVS3, IP65, Acoustic Performance Test
Operating Temperature	-30 °C ... +65 °C,
Warranty Period	2 years
Applications	Police, Gendarmerie, Ambulance, Fire Brigade, Airport, Municipality, Highway Services, Official Vehicles, Tow Trucks

ADVANTAGES

- Durable stainless steel and aluminum construction for long-term use in harsh environments
- Powerful sound performance with high-efficiency neodymium magnet
- Clear and strong audio output thanks to specially designed diaphragm
- Compact structure allowing easy installation
- Suitable for mobile siren, announcement and sound reinforcement systems
- Certified reliability and performance with SAE J1849 and EVS compliance
- Long service life supported by a 2-year warranty



DUN 0909 DRIVER UNIT – NEODYMIUM



TECHNICAL SPECIFICATIONS

Operating Voltage	Passive Speaker
Nominal Voltage	-
Current Consumption	-
Rated Power	80W RMS
Sound Pressure Level	115 dB (1 kHz reference signal)
Impedance	11Ω
Frequency Range	180Hz. - 10kHz.
Magnet Type	Neodymium Magnet
Connection Type	-
Special Features	High-efficiency neodymium magnet, aluminum diaphragm housing, durable special diaphragm
Housing Color	Black
Cable Length	2m
Mounting Type	Fast adaptation to all vehicle types with mounting feet
Length	90mm
Width	90mm
Height	57mm
Weight	1.100gr
Protection Rating	IP65
Approvals / Certifications	SAE J1849, EVS1, EVS2, EVS3, IP65, Acoustic Performance Test
Operating Temperature	-30 °C ... +65 °C,
Warranty Period	2 years
Applications	Police, Gendarmerie, Ambulance, Fire Brigade, Airport, Municipality, Highway Services, Official Vehicles, Tow Trucks

ADVANTAGES

- Stainless steel and aluminum structure resistant to harsh environmental conditions
- High sound efficiency with neodymium magnet technology
- Clear and effective sound output via aluminum diaphragm and special design
- Compact and lightweight design for easy installation
- 11 Ω impedance ensures system compatibility
- Wide frequency response of 180 Hz – 10 kHz
- Reliable performance certified by SAE and EVS standards
- Supported by a 2-year warranty



DUH 1001

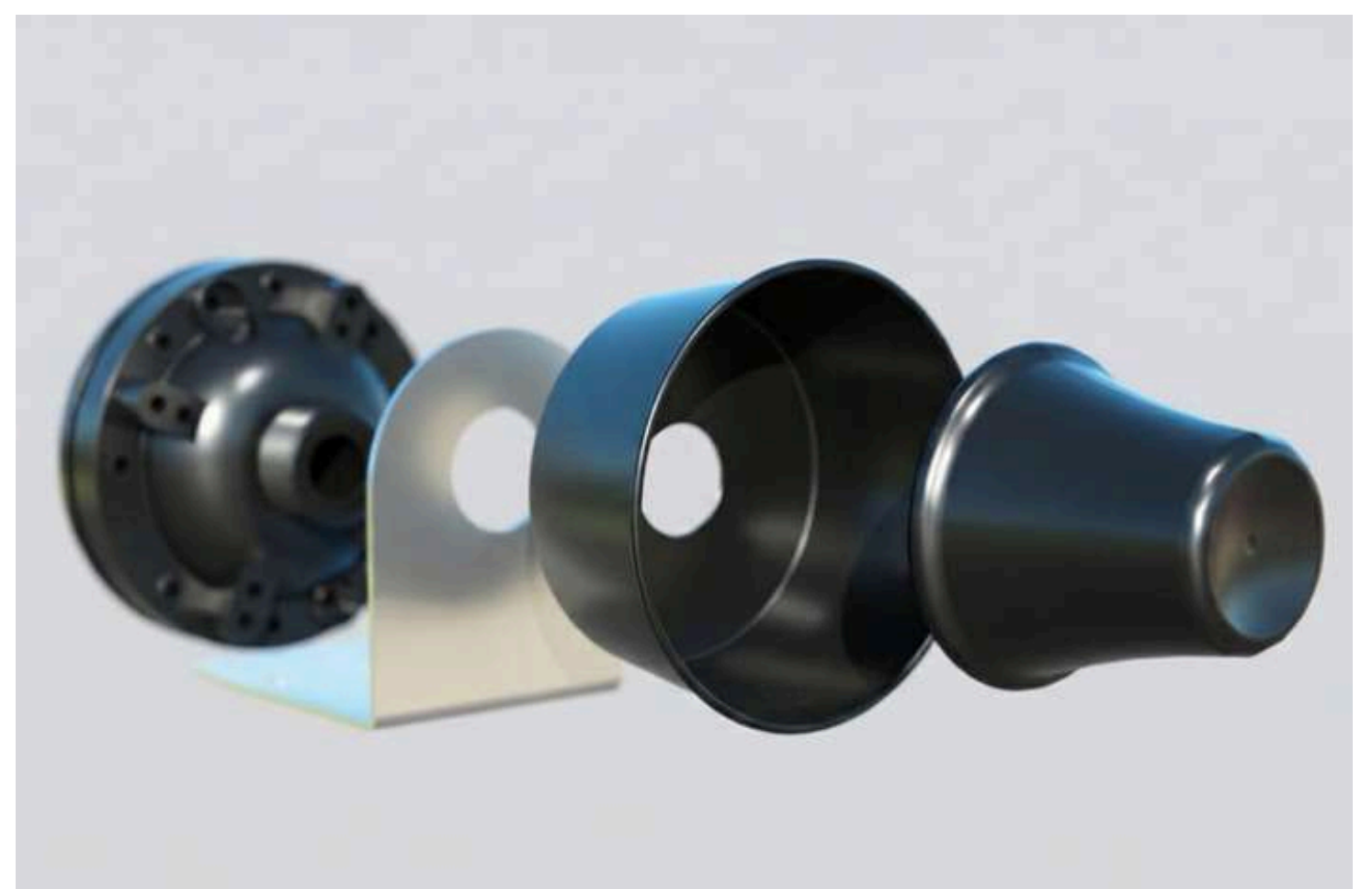


TECHNICAL SPECIFICATIONS

Operating Voltage	
Nominal Voltage	
Current Consumption	
Rated Power	
Sound Pressure Level	
Impedance	
Frequency Range	
Magnet Type	
Connection Type	
Special Features	Stainless steel outer housing
Housing Color	Black
Cable Length	
Mounting Type	
Length	80mm
Width	80mm
Height	75mm
Weight	200g
Protection Rating	
Approvals / Certifications	SAE J1849, EVS1, EVS2, EVS3, IP65, Acoustic Performance Test
Operating Temperature	-40°C ~ +85°C
Warranty Period	2 years
Applications	Police, Gendarmerie, Ambulance, Fire Brigade, Airport, Municipality, Highway Services, Official Vehicles, Tow Trucks

ADVANTAGES

- Redesigned horn inlet specially developed for driver units
- Strong metal body structure
- High efficiency against sound reflections
- Protective housing resistant to environmental conditions
- Multiple color options
- Aluminum body construction





HANDHELD MEGAPHONE RECHARGEABLE BATTERY PACK



TECHNICAL SPECIFICATIONS

Operating Voltage	12VDC
Nominal Voltage	12VDC
Current Consumption	2 - 3A
Rated Power	32W RMS
Sound Pressure Level	115 dB (1 kHz reference signal)
Impedance	-
Frequency Range	300Hz. - 10kHz.
Magnet Type	Neodymium Magnet
Connection Type	-
Special Features	Portable design, built-in microphone, acoustic feedback prevention system, volume control, metal lock and hinge, waterproof carrying bag
Housing Color	Black
Cable Length	2m
Mounting Type	Handheld, shoulder strap use
Length	345mm
Width	230mm
Height	280mm
Weight	1.720gr
Protection Rating	Protected with waterproof carrying bag
Approvals / Certifications	SAE J1849, EVS1, EVS2, EVS3, IP65, Acoustic Performance Test
Operating Temperature	-30 °C ... +65 °C,
Warranty Period	2 years
Applications	In-vehicle and outdoor audio warning, announcements, guidance

ADVANTAGES

- Flexible use with battery or rechargeable battery pack
- Works via vehicle cigarette lighter, external adapter or internal battery pack
- High-capacity rechargeable battery providing approximately 6 hours of operation
- Powerful 32W RMS output for strong sound projection
- Clear announcement and siren sound with wide frequency range
- Long-range audio coverage up to 700 meters
- Acoustic feedback prevention for clear sound quality
- Built-in high-efficiency microphone for fast and practical announcements
- Volume control for environment-based sound adjustment
- Durable polycarbonate housing suitable for outdoor use
- Extra-strong metal lock and hinge system for long service life
- Waterproof carrying bag protects against impacts and water contact
- Shoulder strap design for easy portability
- Suitable for both in-vehicle and outdoor handheld use
- Flexible connection via spiral vehicle cigarette lighter cable
- Reliable and long-term use supported by a 2-year warranty



EL MEGAFONU PİLLİ



TECHNICAL SPECIFICATIONS

Operating Voltage	12VDC
Nominal Voltage	12VDC
Current Consumption	2 - 3A
Rated Power	32W RMS
Sound Pressure Level	115 dB (1 kHz reference signal)
Impedance	-
Frequency Range	300Hz. - 10kHz.
Magnet Type	Neodimyum Magnet
Connection Type	-
Special Features	Portable design, built-in microphone, acoustic feedback prevention system, volume control, metal lock and hinge, waterproof carrying bag
Housing Color	Black
Cable Length	2m
Mounting Type	Handheld, shoulder strap use
Length	345mm
Width	230mm
Height	280mm
Weight	1.720gr
Protection Rating	Protected with waterproof carrying bag
Approvals / Certifications	SAE J1849, EVS1, EVS2, EVS3, IP65, Acoustic Performance Test
Operating Temperature	-30 °C ... +65 °C,
Warranty Period	2 years
Applications	In-vehicle and outdoor audio warning, announcements, guidance

ADVANTAGES

- Flexible use with battery or rechargeable battery pack
- Works via vehicle cigarette lighter, external adapter or internal battery pack
- High-capacity rechargeable battery providing approximately 6 hours of operation
- Powerful 32W RMS output for strong sound projection
- Clear announcement and siren sound with wide frequency range
- Long-range audio coverage up to 700 meters
- Acoustic feedback prevention for clear sound quality
- Built-in high-efficiency microphone for fast and practical announcements
- Volume control for environment-based sound adjustment
- Durable polycarbonate housing suitable for outdoor use
- Extra-strong metal lock and hinge system for long service life
- Waterproof carrying bag protects against impacts and water contact
- Shoulder strap design for easy portability
- Suitable for both in-vehicle and outdoor handheld use
- Flexible connection via spiral vehicle cigarette lighter cable
- Reliable and long-term use supported by a 2-year warranty



SVD 1099 MILITARY TYPE HORN TRANSFORMER LINE (HAD-LINE)



TECHNICAL SPECIFICATIONS

Operating Voltage	100V
Nominal Voltage	100V Line (with line transformer)
Current Consumption	-
Rated Power	100W RMS
Sound Pressure Level	115 dB (1 kHz reference signal)
Impedance	-
Frequency Range	180Hz. - 10kHz.
Magnet Type	Neodimyum Magnet
Connection Type	-
Special Features	Aluminum horn structure resistant to water, moisture, corrosion, dust, vibration and impact
Housing Color	Black
Cable Length	2m
Mounting Type	Mounting brackets compatible with various applications
Length	230mm
Width	200mm
Height	200mm
Weight	4.400gr
Protection Rating	IP65
Approvals / Certifications	SAE J1849, EVS1, EVS2, EVS3, IP65, Akustik Performans Testi
Operating Temperature	-40 °C ~ 65 °C
Warranty Period	2 years
Applications	Military and defense industry applications for marine, land and special platforms

ADVANTAGES

- Durable stainless and aluminum structure for harsh environmental conditions
- Long-distance sound transmission with aluminum horn design
- High resistance to water, moisture, corrosion, dust, vibration and impacts
- Continuous operation in land and marine environments
- Specially designed for military use
- Compatible with communication, intercom, electronic alarm and announcement systems
- Lossless long-distance transmission with line transformer (100V system)
- Compliant with SAE J1849 and EVS1–3 standards
- Special mounting brackets for ship and military applications
- Reliable performance with 2-year warranty



LS 1406 EXTERNAL TYPE SPEAKER



TECHNICAL SPECIFICATIONS

Operating Voltage	100VDC
Nominal Voltage	100V Line (with line transformer)
Current Consumption	-
Rated Power	100W RMS
Sound Pressure Level	115 dB (1 kHz reference signal)
Impedance	-
Frequency Range	180Hz. - 10kHz.
Magnet Type	Neodimyum Magnet
Connection Type	-
Special Features	Aluminum horn structure resistant to water, moisture, corrosion, dust, vibration and impact
Housing Color	Black
Cable Length	1m
Mounting Type	Mounting brackets compatible with various applications
Length	230mm
Width	174mm
Height	174mm
Weight	4.400gr
Protection Rating	IP65
Approvals / Certifications	SAE J1849, EVS1, EVS2, EVS3, IP65, Acoustic Performance Test
Operating Temperature	-40 °C ~ 65 °C
Warranty Period	2 years
Applications	Military and defense industry applications for marine, land and special platforms

ADVANTAGES

- Durable stainless steel and aluminum structure for harsh environments
- High resistance to water, moisture, corrosion, dust, vibration and impact
- Designed for communication, intercom, electronic alarm and announcement systems
- Long-distance sound transmission capability
- Continuous operation in land and marine environments
- Compliance with military standards
- Fast and flexible mounting adaptation
- Wide integration with 100V line transformer systems
- Reliable long-term performance with 2-year warranty



OUTDOOR WARNING SIREN SPEAKER



TECHNICAL SPECIFICATIONS

Operating Voltage	600VDC
Nominal Voltage	600V Line
Current Consumption	-
Rated Power	600W RMS
Sound Pressure Level	126±3(Db)
Impedance	4-8-16 ohm
Frequency Range	160Hz. - 7kHz.
Magnet Type	Neodymium Magnet
Connection Type	-
Special Features	Aluminum horn structure resistant to water, moisture, corrosion, dust, vibration and impact
Housing Color	Gray
Cable Length	
Mounting Type	Fixed Mounting
Length	480mm
Width	480mm
Height	500mm
Weight	
Protection Rating	IP65
Approvals / Certifications	SAE J1849, EVS1, EVS2, EVS3, IP65, Acoustic Performance Test
Operating Temperature	-40 °C ~ 65 °C
Warranty Period	2 years
Applications	Suitable for military and civilian applications. Can be used in emergency and disaster situations.

ADVANTAGES

- Robust corrosion-resistant structure designed for harsh environmental conditions
- Aluminum housing resistant to water, humidity, corrosion, dust, vibration and impact
- Specially designed for communication, intercom and electronic alarm-announcement systems
- Suitable for both military and civilian applications
- Reliable and uninterrupted operation in both land and marine environments
- Powerful long-distance sound transmission with minimal signal loss
- Compliant with military requirements and relevant standards
- Quick and flexible installation with mounting brackets for various applications
- Applications: Marine systems, land platforms and defense industry projects
- Warranty: 2 Years





SMD 0801 SIREN DEVICE (WIRED – HAND CONTROLLED)



TECHNICAL SPECIFICATIONS

Operating Voltage	10VDC - 30VDC
Nominal Voltage	12VDC / 24VDC
Current Consumption	0 - 7A
Siren Frequency Range	759 – 1592 Hz (Adjustable according to system software)
System Frequency Response	300 - 3400Hz.
Mode Cycle Speed	Wail: 695 – 1640 Hz, Yelp: 695 – 1640 Hz, Horn: 500 – 750 Hz, Phaser: 695 – 1640 Hz, Mix: Combined of tones
Sound Power	100W-120W
Load Impedance	11Ω
Aux Input	Available (Allows wireless device connection)
Special Features	Audio inputs/outputs, USB external charging, microphone input, LED simulation, system configuration, Siren: 100W (11Ω), Announcement: 50W (11Ω)
Interface	Wired control + Lamp simulation + Microphone jack
Cable Length	Spiral connection cable
Mounting Type	Patented aluminum housing + quick connector system
Length	160mm
Width	105mm
Height	55mm
Weight	1490gr
Protection Class	Short circuit / reverse polarity protection, speaker protection, siren block
Approvals / Certifications	SAE J1849 EVS1/EVS2, EN 300-440-2, ECE R10
Operating Temperature	-30°C ile +65°C
Warranty Period	2 years
Applications	Police, Gendarmerie, Ambulance, Fire Brigade, Airports, Municipality, Highways, Private Service, Official Vehicles and Tow Trucks

ADVANTAGES

Ergonomic compatibility with all vehicles thanks to ZER's patented aluminum siren device housing

- Siren activation at different frequencies and lamp control via hand-held controller
- Easy monitoring of active lightbar flash mode through simulation LEDs on the controller
- Safe operation ensured by high-current protected switches
- Advanced functionality provided by microcontroller-based digital control mechanism
- Manual siren control via microphone trigger
- Independent volume adjustment for announcement and external signals
- Early intervention enabled by battery voltage level warning
- System integrity preserved through horn activation and speaker protection features
- Quick installation and easy maintenance thanks to detachable spiral cable and connector structure
- Automatic Voltage Protection: The device automatically protects itself at 10.5 VDC-17VDC for 12VDC devices, and 17VDC-30VDC for 24VDC devices.





NEW GENERATION SIREN AND CONTROL DEVICE

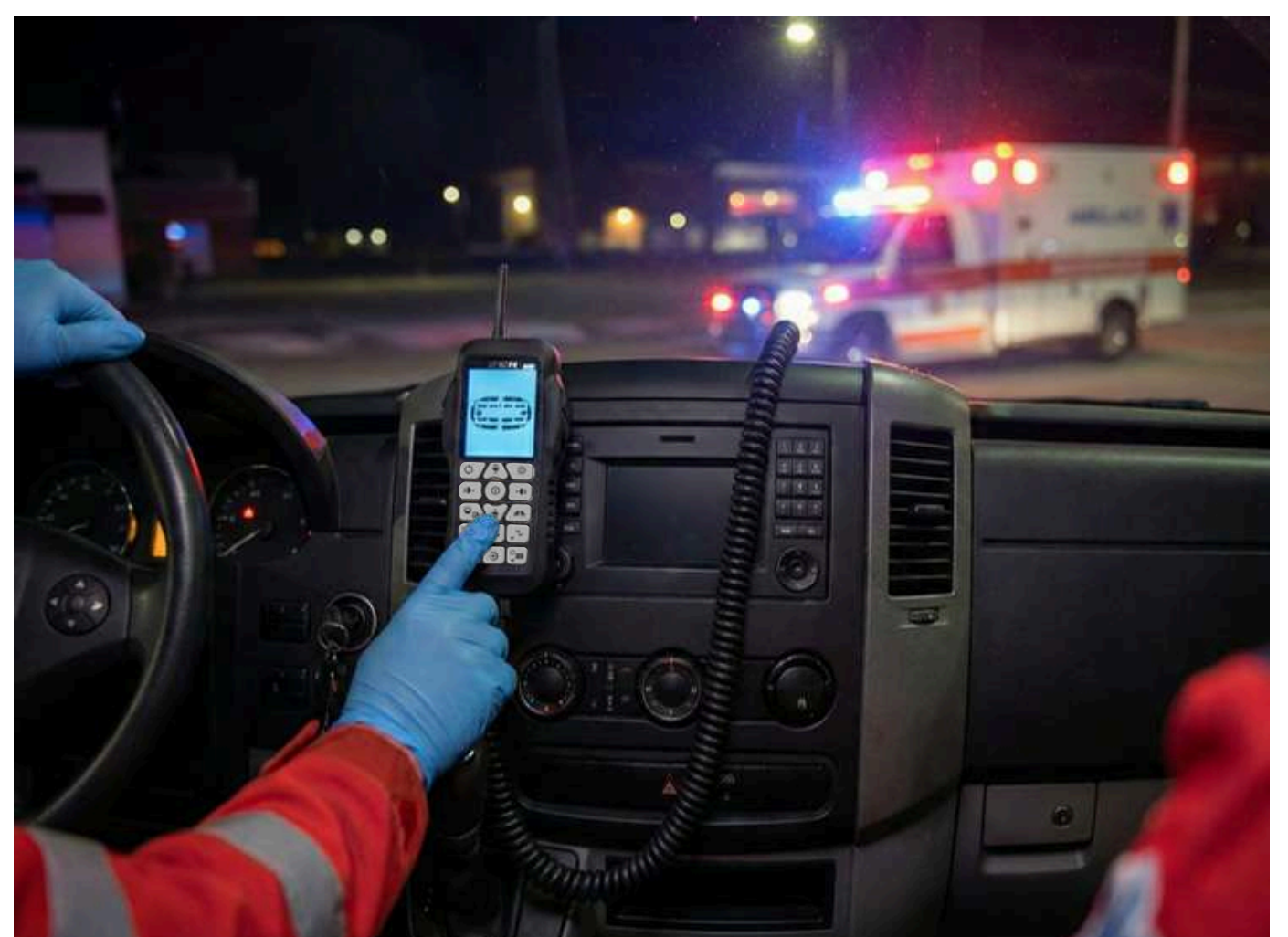


TECHNICAL SPECIFICATIONS

Operating Voltage	10VDC - 30VDC
Nominal Voltage	12VDC / 24VDC
Current Consumption	0 - 7A
Siren Frequency Range	759 – 1592 Hz (Adjustable according to system software)
System Frequency Response	300 - 3400Hz.
Mode Cycle Speed	Wail: 695 – 1640 Hz, Yelp: 695 – 1640 Hz, Horn: 500 – 750 Hz, Phaser: 695 – 1640 Hz, Mix: Combined of tones
Sound Power	100W - 120W
Load Impedance	11Ω
Aux Input	Available (Allows wireless device connection)
Special Features	Audio inputs/outputs, USB external charging, microphone input, LED simulation, system configuration, Siren: 100W (11Ω), Announcement: 50W (11Ω)
Interface	Wired control + Lamp simulation + Microphone jack
Cable Length	Spiral connection cable
Mounting Type	Patented aluminum housing + quick connector system
Length	160mm
Width	105mm
Height	55mm
Weight	800gr
Protection Class	Short circuit / reverse polarity protection, speaker protection, siren block
Approvals / Certifications	SAE J1849 EVS1/EVS2, EN 300-440-2, ECE R10
Operating Temperature	-30°C ile +65°C
Warranty Period	2 years
Applications	Police, Gendarmerie, Ambulance, Fire Brigade, Airports, Municipality, Highways, Private Service, Official Vehicles and Tow Trucks

ADVANTAGES

- Durable structure with ZER patented aluminum device housing
- LCD screen wireless remote controller enabling both wired and wireless control
- Siren and lamp control directly from the remote controller
- Simulation of lightbar flash mode and fault information
- Microphone, horn, wireless connection and volume level control
- Short circuit and reverse polarity protection
- Speaker protection and siren block feature
- Master-slave control feature via user-friendly menu
- Ability to upload flash mode and color configuration using ZER Pattern Builder
- USB input allowing vehicle-independent charging
- Wide emergency sound mode options: Manual, Horn, Slow, Fast, Very Fast, Hi-Lo, Mixed
- Fully compatible with police, ambulance and all public/private service vehicles





SALK 0801 SIREN DEVICE (WIRED – HAND CONTROLLED)



TECHNICAL SPECIFICATIONS

Operating Voltage	10VDC - 30VDC
Nominal Voltage	12VDC / 24VDC
Current Consumption	0 - 7A
Siren Frequency Range	759 – 1592 Hz (Adjustable according to system software)
System Frequency Response	300 - 3400Hz.
Mode Cycle Speed	Wail: 695 – 1640 Hz, Yelp: 695 – 1640 Hz, Horn: 500 – 750 Hz, Phaser: 695 – 1640 Hz, Mix: Combined of tones
Sound Power	100W-120W
Load Impedance	11Ω
Aux Input	Available (Allows wireless device connection)
Special Features	Audio inputs/outputs, USB external charging, microphone input, LED simulation, system configuration, Siren: 100W (11Ω), Announcement: 50W (11Ω)
Interface	Wired hand controller + controller simulation + microphone jack
Cable Length	Spiral connection cable
Mounting Type	Patented aluminum housing + quick connector system
Length	150mm
Width	200mm
Height	58mm
Weight	2000gr
Protection Class	Short circuit / reverse polarity protection, speaker protection, siren block
Approvals / Certifications	SAE J1849 EVS1/EVS2, EN 300-440-2, ECE R10
Operating Temperature	-30°C ile +65°C
Warranty Period	2 years
Applications	Police, Gendarmerie, Ambulance, Fire Brigade, Airports, Municipality, Highways, Private Service, Official Vehicles and Tow Trucks

ADVANTAGES

- Ergonomic compatibility with all vehicles thanks to ZER patented aluminum siren housing
- Siren activation at different frequencies and lamp control via hand controller
- Easy monitoring of active lightbar flash mode through simulation LEDs on the controller
- Safe usage ensured with high-current protected switches
- Advanced functionality provided by microcontroller-based digital control system
- Manual siren control via microphone push-to-talk switch
- Independent volume level adjustment for announcements and external signals
- Early intervention capability with battery voltage warning
- System integrity maintained with horn activation and speaker protection feature
- Easy installation and maintenance with detachable spiral cable and connector structure





SALK-W1116 REMOTE CONTROL VEHICLE SIREN SYSTEM



TECHNICAL SPECIFICATIONS

Operating Voltage	10.5VDC – 15 VDC
Nominal Voltage	12VDC
Current Consumption	0 - 7A
Siren Frequency Range	759 – 1592 Hz (Adjustable according to system software)
System Frequency Response	300 - 3400Hz.
Mode Cycle Speed	Wail: 695 – 1640 Hz, Yelp: 695 – 1640 Hz, Horn: 500 – 750 Hz, Phaser: 695 – 1640 Hz, Mix: Combined of tones
Sound Power	100W-120W
Load Impedance	11Ω
Aux Input	Available (Allows wireless device connection)
Special Features	Audio inputs/outputs, LED simulation, system configuration
Interface	Wireless remote control + wired control + controller simulation + microphone jack
Cable Length	Spiral connection cable
Mounting Type	Patented aluminum housing + quick connector system
Length	160mm
Width	105mm
Height	55mm
Weight	800gr
Protection Class	Short circuit / reverse polarity protection, speaker protection, siren block
Approvals / Certifications	SAE J1849 EVS1/EVS2, EN 300-440-2, ECE R10
Operating Temperature	-30°C ile +65°C
Warranty Period	2 years
Applications	Police, Gendarmerie, Ambulance, Fire Brigade, Airports, Municipality, Highways, Private Service, Official Vehicles and Tow Trucks

ADVANTAGES

- Patented aluminum device enclosure specially designed for ZER
- Ergonomic design providing easy installation
- Specially designed wireless remote control suitable for handheld use
- Ability to activate siren at different frequencies via remote control
- Manual siren activation via remote control microphone with dual clamp control
- Warning light ON/OFF and mode change via remote control
- Jack input on the remote control for microphone, headset, and radio connection
- Wireless communication status and battery level indicator on the remote control display
- Display simulator feature showing the active light mode for a short time on the screen
- Control of lightbar right-left spotlights and alley lights via remote control
- Function to completely turn off the rear LED group of the lightbar via remote control
- Volume adjustment and day/night mode control via remote control
- Control of external audio source connected to the siren audio jack via external input button
- Short-circuit and reverse polarity protection
- Speaker protection with siren blocking feature under high voltage conditions
- Easy plug-in connector structure for quick installation and removal
- Fully digital, microcontroller-based control system
- Applications: Compatible with Police, Gendarmerie, and Motorcycle use
- Warranty Period: 2 years





SALK-WM1116 REMOTE CONTROL MOTORCYCLE SIREN SYSTEM



TECHNICAL SPECIFICATIONS

Operating Voltage	10.5VDC – 15 VDC
Nominal Voltage	12VDC
Current Consumption	0 - 7A
Siren Frequency Range	759 – 1592 Hz (Adjustable according to system software)
System Frequency Response	300 - 3400Hz.
Mode Cycle Speed	Wail: 695 – 1640 Hz, Yelp: 695 – 1640 Hz, Horn: 500 – 750 Hz, Phaser: 695 – 1640 Hz, Mix: Combined of tones
Sound Power	100W
Load Impedance	11Ω
Aux Input	Available (Allows wireless device connection)
Special Features	Audio inputs/outputs, LED simulation, system configuration
Interface	Wireless remote control + wired control + controller simulation + microphone jack
Cable Length	Spiral connection cable
Mounting Type	Patented aluminum housing + quick connector system
Length	160mm
Width	105mm
Height	55mm
Weight	1134gr
Protection Class	Short circuit / reverse polarity protection, speaker protection, siren block
Approvals / Certifications	SAE J1849 EVS1/EVS2, EN 300-440-2, ECE R10
Operating Temperature	-30°C ile +65°C
Warranty Period	2 years
Applications	Police, Gendarmerie, Ambulance, Fire Brigade, Airports, Municipality, Highways, Private Service, Official Vehicles and Tow Trucks

ADVANTAGES

- ZER patented aluminum device housing
- Ergonomic design enabling easy installation
- Special wireless remote control designed for hand-held use
- Siren activation at different frequencies via remote control
- Manual siren sound activation using dual microphone switch
- Control of warning lamps, right/left projector and alley lights via remote control
- Jack input for microphone, headset and headphone connection
- Display of wireless connection and battery status on remote screen
- Light mode simulator showing active mode duration
- Complete control of rear LED groups on the lightbar
- Short circuit and reverse polarity protection
- Fully digital microcontroller-based control mechanism



SALK 0506 CONCEALED SIREN DEVICE (WITH MICROPHONE)



TECHNICAL SPECIFICATIONS

Operating Voltage	10VDC - 30VDC
Nominal Voltage	12VDC / 24VDC
Current Consumption	0 - 7A
Siren Frequency Range	759 - 1592Hz.
System Frequency Response	300 - 3400Hz.
Mode Cycle Speed	Wail: 695 – 1640 Hz, Yelp: 695 – 1640 Hz, Horn: 500 – 750 Hz, Phaser: 695 – 1640 Hz, Mix: Combined of tones
Sound Power	100W RMS
Load Impedance	11Ω
Aux Input	-
Special Features	Audio inputs/outputs, USB external charging, microphone input, LED simulation, system configuration, Siren: 100W (11Ω), Announcement: 50W (11Ω)
Interface	Wireless remote control + wired control + controller simulation + microphone jack
Cable Length	Spiral connection cable
Mounting Type	Patented aluminum housing + quick connector system
Length	92mm
Width	92mm
Height	28mm
Weight	2.15g
Protection Class	Short circuit / reverse polarity protection, speaker protection, siren block
Approvals / Certifications	SAE J1849 EVS1/EVS2, EN 300-440-2, ECE R10
Operating Temperature	-30°C ile +65°C
Warranty Period	2 years
Applications	Police, Gendarmerie, Ambulance, Fire Brigade, Airports, Municipality, Highways, Private Service, Official Vehicles and Tow Trucks

ADVANTAGES

- ZER patented aluminum device housing
- Ergonomic design enabling easy installation
- Special wireless remote control designed for hand-held use
- Siren activation at different frequencies via remote control
- Manual siren sound activation using dual microphone switch
- Control of warning lamps, right/left projector and alley lights via remote control
- Jack input for microphone, headset and headphone connection
- Display of wireless connection and battery status on remote screen
- Light mode simulator showing active mode duration
- Complete control of rear LED groups on the lightbar
- Short circuit and reverse polarity protection
- Fully digital microcontroller-based control mechanism





SALK 0802 MOTORCYCLE SIREN – ANNOUNCEMENT AND LAMP CONTROL DEVICE



TECHNICAL SPECIFICATIONS

Operating Voltage	10VDC - 30VDC
Nominal Voltage	12VDC / 24VDC
Current Consumption	0 - 7A
Siren Frequency Range	759 - 1592Hz.
System Frequency Response	300 - 3400Hz.
Mode Cycle Speed	Wail: 695 – 1640 Hz, Yelp: 695 – 1640 Hz, Horn: 500 – 750 Hz, Phaser: 695 – 1640 Hz, Mix: Combined of tones
Sound Power	100W RMS
Load Impedance	11Ω
Aux Input	Available (Allows wireless device connection)
Special Features	Audio inputs/outputs, LED simulation, system configuration
Interface	Wireless remote control + wired control + controller simulation + microphone jack
Cable Length	Spiral connection cable
Mounting Type	Patented aluminum housing + quick connector system
Length	105mm
Width	150mm
Height	58mm
Weight	2.200g
Protection Class	Short circuit / reverse polarity protection, speaker protection, siren block
Approvals / Certifications	SAE J1849 EVS1/EVS2, EN 300-440-2, ECE R10
Operating Temperature	-30°C ile +65°C
Warranty Period	2 years
Applications	Police, Gendarmerie, Ambulance, Fire Brigade, Airports, Municipality, Highways, Private Service, Official Vehicles and Tow Trucks

ADVANTAGES

- Ergonomic remote hand controller allows siren activation at different frequencies and warning lamp control
- External signal connection for announcements
- External signal level adjustment
- Microphone and external signal volume level control
- LEDs mounted on the controller indicate active warning lamp mode on the motorcycle
- Different indicator LEDs according to low or high battery voltage status
- High-current protected switches for warning lamp control
- Manual siren activation and lamp control via microphone push button
- Automatic activation of warning lamps during fast/slow siren modes
- Short circuit and reverse polarity protection
- Speaker protection with siren block function at high voltage
- Easily detachable connectors
- Fully digital microcontroller-based control
- 5 siren tones: Fast, Slow, Hand, Horn, Very Fast (Optional Hi-Lo)
- Frequency response: ±3 dB (300Hz – 10.000Hz)
- Operating modes: Microphone, announcement
- Compact dimensions suitable for standard motorcycle radio compartment
- Fully compatible with police, gendarmerie and motorcycle applications
- 2-year warranty period





UKSA 0505 SIREN – ANNOUNCEMENT AND LAMP CONTROL DEVICE (REMOTE CONTROLLED)



TECHNICAL SPECIFICATIONS

Operating Voltage	10VDC - 30VDC
Nominal Voltage	12VDC / 24VDC
Current Consumption	0 - 7A
Siren Frequency Range	759 - 1592Hz.
System Frequency Response	300 - 3400Hz.
Mode Cycle Speed	Wail: 695 – 1640 Hz, Yelp: 695 – 1640 Hz, Horn: 500 – 750 Hz, Phaser: 695 – 1640 Hz, Mix: Combined of tones
Sound Power	100W
Load Impedance	11Ω
Aux Input	-
Special Features	Audio inputs/outputs, LED simulation, system configuration
Interface	Wireless remote control + wired control + controller simulation + microphone jack
Cable Length	Spiral connection cable
Mounting Type	Patented aluminum housing + quick connector system
Length	170mm
Width	90mm
Height	55mm
Weight	1.600g
Protection Class	Short circuit / reverse polarity protection, speaker protection, siren block
Approvals / Certifications	SAE J1849 EVS1/EVS2, EN 300-440-2, ECE R10
Operating Temperature	-30°C ile +65°C
Warranty Period	2 years
Applications	Police, Gendarmerie, Ambulance, Fire Brigade, Airports, Municipality, Highways, Private Service, Official Vehicles and Tow Trucks

ADVANTAGES

- Remote sound control via wireless ergonomic controller
- External signal connection for announcements
- External signal level adjustment
- Microphone and external signal volume level control
- Hand siren activation using the microphone push-to-talk switch
- Horn or hand siren activation via external connection
- Short circuit and reverse polarity protection
- Siren block feature for speaker protection under high voltage conditions
- Easy-detach, easy-install connectors
- Spiral-cable microphone that can be easily detached from the device
- Fully digital, microcontroller-based control
- 5 Siren Tones: Fast, Slow, Hand, Horn, Very Fast (Optional Hi-Lo)
- Frequency Response: ±3 dB (300 Hz – 10,000 Hz frequency range)
- Operating Modes: Microphone, announcement, radio announcement
- Warranty Period: 2 years





MSA 1501 MOTORCYCLE SIREN SYSTEM



TECHNICAL SPECIFICATIONS

Operating Voltage	10.5VDC – 15 VDC
Nominal Voltage	12VDC
Current Consumption	0-7A
Siren Frequency Range	500 – 1650Hz (Adjustable according to system software)
System Frequency Response	300-3400 Hz.
Mode Cycle Speed	Wail: 695 – 1640 Hz, Yelp: 695 – 1640 Hz, Horn: 500 – 750 Hz, Phaser: 695 – 1640 Hz, Mix: Combined of tones
Sound Power	50-80W RMS
Load Impedance	11Ω
Aux Input	External input with adjustable signal level
Special Features	Handlebar-mountable control unit, electronic circuit converting the motorcycle horn button into siren horn sound
Interface	Wired control + Control simulation + Microphone jack
Cable Length	Spiral connection cable
Mounting Type	Patented aluminum enclosure + easy connector system
Length	Siren: 150mm, Kumanda ünitesi: 74mm
Width	Siren: 105mm, Kumanda ünitesi: 40mm
Height	Siren: 58mm, Kumanda ünitesi: 20mm
Weight	1.600g
Protection Class	Short circuit and reverse polarity protection, speaker protection, siren lockout, IP65
Approvals / Certifications	SAE J1849 EVS1/EVS2, EN 300-440-2, ECE R10, IP65
Operating Temperature	-30°C ile +65°C
Warranty Period	2 years
Applications	Police, Gendarmerie, Ambulance, Fire Brigade, Airports, Municipality, Highways, Private Service, Official Vehicles and Tow Trucks

ADVANTAGES

- Multi-mode light control capability with built-in LED driver using PWM technology
- External signal input connection for announcements
- Light control via relays resistant to high current
- Protection system to safeguard the system and battery during high/low voltage conditions
- Announcement capability with waterproof microphone connected to the siren unit
- Fully digital, microcontroller-based control
- Easy-detach, easy-install connectors
- 6 Siren Tones: Slow, Fast, Very Fast, HI-LO, Manual (Hand), Horn siren activation capability
- Lamp mode switching and selected siren tone control via waterproof control unit
- System on/off control via waterproof switches and automatic activation of warning lights
- Horn switching function: siren horn when the siren system is active, motorcycle horn when the siren system is inactive
- Ability to disable motorcycle rear warning lights via mode change button on the waterproof control unit
- The main control unit contains siren, announcement and light control circuits and serves as the system's core
- The handlebar-mounted control unit allows control of all functions
- The system includes electronic circuits that convert the motorcycle horn button into siren horn sound when activated





IVT 0120 PURE SINE WAVE INVERTER



TECHNICAL SPECIFICATIONS

Input Voltage	10VDC - 15VDC
Output Voltage	210VAC -240VAC
Output Frequency	50Hz.
Power Capacity	2000W nominal - 4000W maximum
Output Wave Type	Pure (Full) Sine Wave
Efficiency (%)	≥ %90
Transient Load Response	< 50 ms within %5 voltage change
Cooling Type	-
Special Features	Outer body resistant to environmental conditions, pure sine wave output
Cable Length	
Mounting Type	Suitable for in-vehicle applications, easy removable connector
Length	396mm
Width	180mm
Height	78mm
Weight	4800g
Protection Class	Overheating, Overload, Short Circuit protection
Approvals / Certificates	ECE R10
Operating Temperature	-10 °C ~ +60 °C
Warranty Period	2 years
Applications	Police, Gendarmerie, Ambulance, Firefighting, Airport, Municipality, Highways, Private Service, Official Vehicles, Tow Truck, Caravan

ADVANTAGES

- Durable outer body resistant to environmental conditions
- Easy in-vehicle mounting thanks to the easy removable connector structure
- 2000W nominal output power with high performance
- 4000W maximum output power
- Compatible use with sensitive devices thanks to pure sine wave output
- Wide area of use: Compatible with official and private service vehicles
- Overheating, overload and short circuit protection features
- Compliance with ECE R10 certificate
- 2-year warranty period



RRS 0220 RECTIFIER



TECHNICAL SPECIFICATIONS

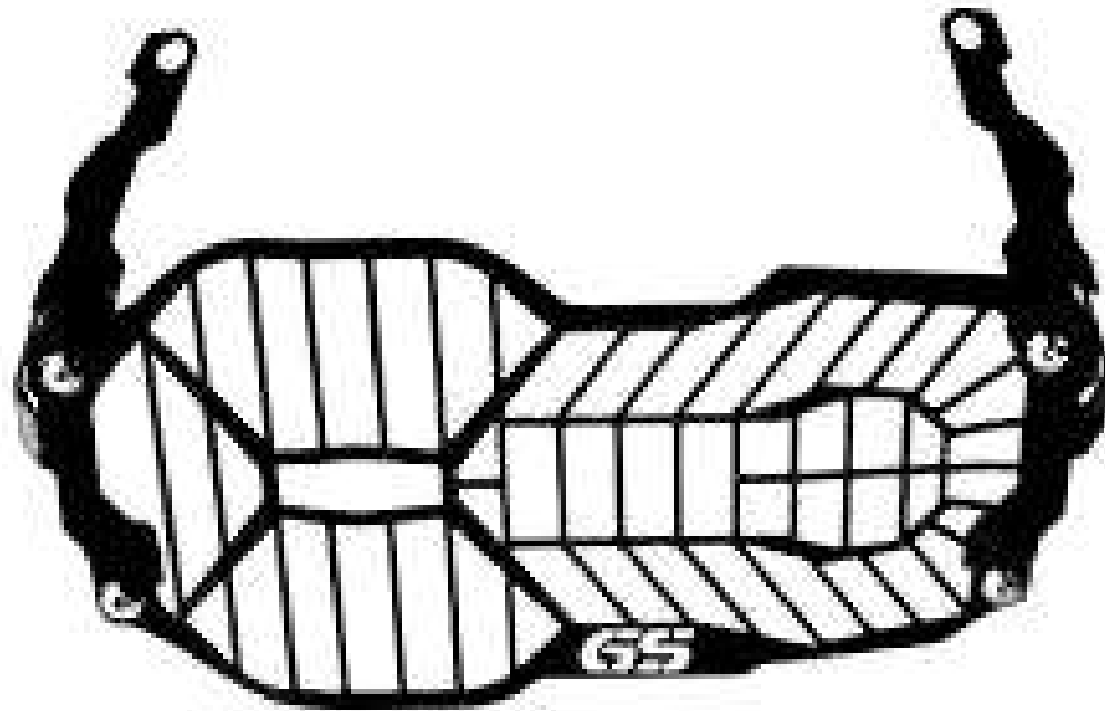
Input Voltage	195VAC - 265VAC
Output Voltage	14.4VDC - 14.8VDC
Input Frequency	50 - 60Hz.
Output Current	20A max.
Regulation Tolerance	± %1
Lens Color	-
Ripple	≤ 100 mVpp
Efficiency (%)	≥ %85
Cooling Type	-
Special Features	Durable outer body resistant to environmental conditions, automatic cut-off system when charging is complete
Protection Class	IP20
Cable Length	-
Mounting Type	Easy removable connector structure
Length	217mm
Width	112mm
Height	67mm
Weight	950g
Protection	Overheating, Short Circuit, Overload, AC Fuse
Approvals / Certificates	ECE R10, TS EN 60335-2-29
Operating Temperature	-20 °C ~ +60 °C
Warranty Period	2 yıl
Applications	Police, Gendarmerie, Ambulance, Firefighting, Airport, Municipality, Highways, Private Service, Official Vehicles, Tow Truck, Caravan

ADVANTAGES

- Durable outer body resistant to environmental conditions
- Fast installation with easy removable connector structure
- Automatic safety system that cuts off charging when battery charging is complete
- Overheating, short circuit and overload protection features
- Compliance with ECE R10 and TS EN 60335-2-29 standards
- Wide area of use: Police, ambulance, airport, municipality, tow vehicles and more
- Compact dimensions and lightweight structure (1050 gr)
- 2-year warranty period



MOTORCYCLE HEADLIGHT PROTECTION



TECHNICAL SPECIFICATIONS

Operating Voltage	
Nominal Voltage	
Current Consumption	
Dome Color	Black
LED Color	
Lens Color	
Flash Frequency	
Number of Flash Patterns	
Synchronization	
Special Features	
Interface	
Cable Length	
Mounting Type	
Length	
Width	
Height	
Weight	3550g
Protection Rating	
Approvals / Certifications	
LED Lifetime	
Operating Temperature	-40°C ~ +85°C
Warranty Period	2 years
Applications	Headlight protection unit for BMW GS 1200 models

ADVANTAGES

- Stainless structure not affected by environmental conditions
- Special design that does not block the light
- Easy installation possibility
- Optional connection point
- Strong protective structure resistant to impacts





BREATHALYZER



TECHNICAL SPECIFICATIONS

Operating Voltage	11.2VDC - 12.6VDC
Nominal Voltage	12VDC
Current Consumption	0.1 - 0.5A
Sensor Type	Fuel Cell, Dart
Measurement Range	0.00 – 5.00 ‰ BAC
Accuracy / Sensitivity	±0.005 ‰ BAC
Screen Type / Size	TFT Touch Color Screen 3.2" inch 65000 Colors
Calibration Period	6 months
Sensor Lifetime:	5 years
Special Features	Built-in Printer, 65,000 Test Record Memory, Automatic Measurement and Passive Measurement Feature
Interface	Interface with options compliant with the EGM requirements of the Gendarmerie General Command. Customizable.
Data Output	USB
Usage Type	Mobile Device
Length	195mm
Width	79mm
Height	35mm
Weight	433gr. with internal battery
Protection Class	IP65
Approvals / Certificates	TS EN 61326-1, TS EN 61010-1, TSE EN 61000-4-2, TSE EN 61000 4-3, TSE EN 55011, TSE EN 60068-2-6, TSE EN 60068-2- 27, TSE EN 61951-2, IP65, TÜBİTAK Approved Performance Test
Operating Temperature	-40 °C ~ 65 °C
Warranty Period	2 years
Applications	Police, Gendarmerie, Ambulance, Firefighting, Airport, Municipality, Highways, Construction, all business lines requiring attention / hazardous

ADVANTAGES

- Thanks to passive measurement support, alcohol vapor in the ambient air can be taken and analyzed contactlessly. The built-in memory with a capacity of 65,000 tests allows storage of thousands of measurement records.
- Provides easy use and fast data entry with the touch screen interface.
- Fuel Cell alcohol sensor provides high-precision and reliable measurement performance.
- Provides a removal feature without needing to touch the blow tube after measurement. This ensures hygienic use.
- For special cases where blowing is insufficient, analysis can be performed with minimum air via manual measurement mode.
- With the measurement rejection option, cases where the test is not accepted can be recorded.
- Fault detection can be performed at user level, thus shortening technical support time.
- Thanks to USB PC connection, detailed record searches can be performed by connecting the device to a computer.
- Measurement data can be exported in Excel format with special interface software.
- Report output can be obtained with the built-in printer.





DRUG TESTER



TECHNICAL SPECIFICATIONS

CPU	Nexell NXP4330Q Quad Core 1.6GHz
Screen	4.3" Touch Screen (800x480)
Internet	Wi-Fi, 3G
Cover Color	Black
Operating System	Android 5.1
Printer	Built-in Thermal Printer / External Bluetooth Printer
Battery	7.4V / 2,000mAh Lithium Battery
Battery Life	440 tests (with printing), 600 tests (without printing)
Camera	2 Mega Pixel
Special Features	Polycarbonate outer body resistant to environmental conditions and UV rays, Hard Plastic Carrying Case, With external charging dock, the other battery can be charged while one battery is in use
RAM	DDR3 1 GB
Storage	EMMC 16 GB, 100,000 test record
GPS	Available
Length	209mm
Width	9mm
Height	564mm
Weight	443.8 g (with thermal printer), 413.9 g (with Bluetooth printer)
Protection Class	CE
Approvals / Certificates	CE
Barcode	3095 2D Barcode Scanner
Operating Temperature	-40°C ~ +85°C
Warranty Period	2 years
Applications	Suitable for handheld use for Gendarmerie, Police and Special Law Enforcement Forces.

ADVANTAGES

- Polycarbonate outer body resistant to environmental conditions and UV rays
- Hard Plastic Carrying Case
- Leather Belt Pouch
- On-Device Printer
- 5 Rolls of Thermal Printing Paper
- 2 Rechargeable Lithium Ion Batteries
- With external charging dock, the other battery can be charged while one battery is in use
- AC / Automatic Adapter
- Areas of Use: Suitable for handheld use for Gendarmerie, Police and Special Law Enforcement Forces.
- Warranty Period: 2 years



VT 2105 VENTILATOR



TECHNICAL SPECIFICATIONS

Özellikler	Açıklama	Inspiratory Ratio	40% of the duty cycle
Application	Emergency / First Aid / Patient Transfer - Venturi System	Inspiratory Pressure	Automatic PSV Mode
Patient Type	Adult / Child / Infant (excluding newborn)	Pressure Limit	0 – 50 cmH2O Range
Ventilation Type	IPPV Volumetric - Pressure Supported IPPV - Time	Minute Volume	1-16 L/min
Control Management	Electronic cycling	Tidal Volume	15-3000 ml
Gas Source	Oxygen or Pressurized Medical Air	Oxygen Mixer	%50 O2 / %100 O2
Gas Pressure	Max. (2.7 bar- 6 bar) Range	Manometer	Digital
Flow Rate	50 L / min (max.)	Trigger Sensitivity	1-5 cmH2O Range
Ventilation Modes	AUT-AST, PSV, Apnea Backup, CPAP and PEEP	User Interface	Digital Manometer, LED Battery Level and External Power Source Interruption Indicator, LED/Audible Alarms, Control and Adjustment Buttons
Measurement Parameters	Instant Airway Pressure	Warnings	Battery Level, Low and High Airway Pressure, Apnea, Gas Source, Power Interruption
Breathing Rate	5-70 bpm	Power Supply	12VDC or 12VDC Adapter with 100-240VAC 50 Hz
I:E Ratio	1:1.5		
Current Consumption	20 mA (Idle) / 300 mA (Under Load)		
Battery Support	4.5 Hours Continuous Operation		
Charging Time	10 Hours Charging Time when Fully Empty		
Device Safety	Adjustable Air Pressure Mechanical Limit: 0-50 cmH2O		
Dimensions and Weight	Width: 186 mm Height: 132 mm Depth:125 mm		
Operating Temperature	-18 °C to 60 °C		
Storage Temperature	-40 °C to 70 °C		
Operating Humidity	10% to 90% Relative Humidity (Non-condensing)		
Atmospheric Pressure Range	70 kPa to 110 kPa		
Product Life	5 Years		
Alarm Level	60 db(A)		
Standard Accessories	220 V AC (50 Hz) – 12 V DC Adapter and Connection Cable, 12 V DC Vehicle Charging Connection Cable, Disposable Adult and Child Mask, Bacteria Filter, Test Balloon, Disposable PVC Patient Circuit and Expiratory Side, Oxygen Hose Carrying Strap, Ambulance Connection Kit, User Manual		
Optional Accessories	Protection Kit and Bag, Oxygen Cylinder (Aluminum/Steel), Double Manometer O2 Regulator, Reusable Patient Circuit, Capnograph		

ADVANTAGES

- Application Area: A respiratory ventilator intended for use in emergency, first aid and patient transfer.
- Patient Type: Suitable for use in adults, children and infants (excluding newborn).
- Ventilation Modes: Has AUT-AST (Automatic Assistant), PSV (Pressure Support), Apnea Backup and CPAP/PEEP modes.
- Provides the ability to adjust the maximum pressure to be applied in the 0-50 cmH2O range (Pressure Limit).
- Breathing Rate (RATE): Respiratory rate can be adjusted between 5 and 70 bpm.
- Minute Volume: Determines the oxygen liters per minute delivered to the patient between 1 and 16 L/min (Minute Volume).
- Tidal Volume Calculation: Calculated as Minute Volume / (Breaths per Minute) x Tidal Volume. (Example: Infant: 12 ml/kg, Adult: 8 ml/kg).
- Oxygen Mixer (MIXER): Can be set to 50% or 100%.
- Battery Life: With fully charged internal battery, it can operate continuously for at least 4.5 hours.
- External Power: Can receive power via 12VDC or 100 - 240VAC 50Hz adapter.
- Operating Temperature: Can operate between -18 and 60.
- Gas Pressure Requirement: For correct operation, pressure must be applied between 2.7 and 6 bar (Oxygen or Pressurized Medical Air).
- Apnea Protection: In PSV mode, if the patient does not breathe for 20 seconds, it automatically switches to AUT-AST mode.
- Alarms: There is audible and LED warning system for Low/High Airway Pressure, Apnea, Gas Supply, Battery Weak and Power Failure.
- Dimensions: Width 186mm, Height 132 mm, Depth 125mm.