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We have implemented ISO 9001

INSTRUCTION FOR INSTALLATION AND USE

Light bar LZN-SLENDER LF

OPIS OGÓLNY:

The special warning flash LED light bar LZN-LENDER LF forms an elementary unit of the equipment of warning signal of privileged road vehicles.

The casing of the lamp consist of two aluminum shapes, upper aluminum section and lower aluminum section joined together through the brackets, partitions, front and side colored covers fabricated with polycarbonate.

Inside the case, can be placed two or four modules 4MD3 emitting vibrating warning light: blue, amber or red, 2 modules 6MD3 emitting amber light and one module 2xMLKD6 producing directional warning red light, made from the row of big power super bright LEDs equipped with the individual optical systems assuring the light distribution according to the requirements of the Regulation No.65.UNECE.

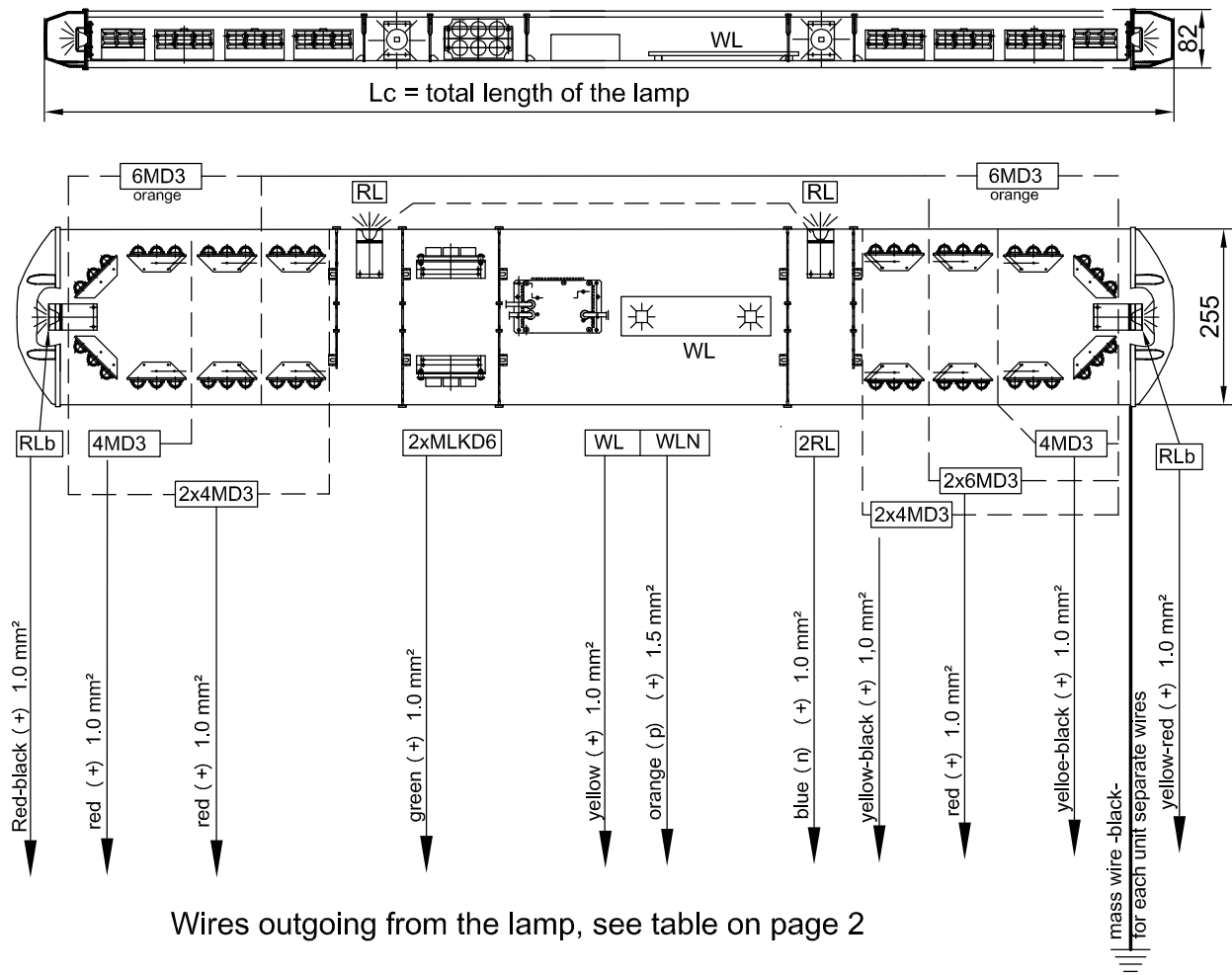
In addition, the lamp can be equipped with a LED-backlit display of inscription such as: POLICE, AMBULANCE. WL and the inscription display made on the LEDs WLN. Inside the lamp can also be placed the LED front headlights RL and side headlights RLB.

Lamp complies with the applicable requirements of the Regulation R10.04 UNECE concerning electromagnetic compatibility.


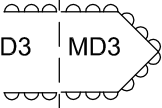
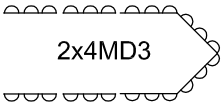
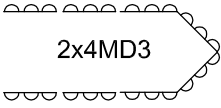
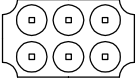
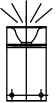
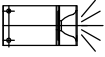

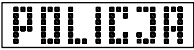
On request, the lamp can be equipped with:

- brackets that secure the lamp (fixed on the roof of the vehicle)
- brackets that secure the lamp (on the rail vehicle)
- magnetic holder (allowing disassemble the lamp from the roof of the vehicle)

Overall dimensions



Wires outgoing from the lamp, see table on page 2

Items of equipment of lamp LZN-SLENDER LF				
Equipment	Icon	Average current consumption	Wire colors	Mark X
LED Modul 2x 4MD3 blue	 4MD3	2A @ 12V or 1A dla 24V	red left side yellow-black right side	
LED Modul 2x4MD3 2x6MD3 amber red	 6MD3 MD3	2A @ 12V or 1A @ 24V	red	
LED Modul 4x4MD3 blue	 2x4MD3	4A @ 12V or 2A @ 24V	red left side yellow-black right side	
LED Modul 4x4MD3 amber red	 2x4MD3	4A @ 12V or 2A @ 24V	red	
2xMLKD6 Red module		1A @ 12V or 0,5A @ 24V	green	
LED Headlight 2RL	 RL	0,8A @ 12V or 0,4A @ 24V	blue	
LED Headlight side	 RLb	0,4A @ 12V or 0,2A @ 24V	left red-black right yellow-red	
LED backlight of inscription	 WL	0,33A @ 12V or 0,16A @ 24V	yellow	
LED display of inscription	 WLN	Max : 1,5A @12V or 0,75A @ 24V	orange	
The total current consumption depends on the sum of current consumption of individual pieces of equipment lamp				

Example of marking lamps in order of devices on the lamp:
LZN-SLENDER + lamp length (mm) + (modules + display + red module
+ halogens) for example:
LZN-SLENER LF 1400 (2x4MD3 + WL + 2xMLKD6 + 2RL + 2RL)