EUROTRON

Example of display LWA-130-PL2 in RED for garage entrance
The complete illuminated surface is controlled by one supply line

Example of display LWA-130-PL2 in RED
with bilingual text for extinguishing systems

Example of display LWA-130-PL2RG in RED/YELLOW
with different texts for extinguishing systems

Example of display LWA-130-PL2 YELLOW
for the car industry

Example of display LWA-130-PL2RGN in RED/GREEN
with different texts for extinguishing systems

Example of display LWA-130-PL2GN GREEN
for the electrical industry

The complete illuminated surface is
controlled **by one supply line**

Example of display LWA-130-PL2RGN in RED/GREEN
with different texts for courthouse

The two illuminated surfaces with the different texts and colours
are controlled separately **by two supply lines**

LED illuminated display with super bright LEDs for wall mounting or NEW: for ceiling mounting

This LED illuminated display is used, when longer reading distances or two different texts and graphics

are required.

The texts can be realized in two languages or also with two different LED colours.

Due to the possibility of two separate controls and two printed different texte or graphics side by side on the illuminated surface, this LED iilluminated display offers the advantage, to display different information at different times in a single housing.

For separate control (+24 Vdc), a common ground (GND) is necessary.

Profile housing made of aluminium with a printed front plate and two end caps. The illumination area is homogenous due to usage of a light stray body, activated by superbright LED-stripes with constant current drivers.

The illuminated display does not need any maintenance.

Via a selector switch the indication unit can be set to either constant or flashing display for the complete illumination surface or seperatly for the left and the right illumination area.
The selection of control over one or two supply lines is also done via the selector switch.
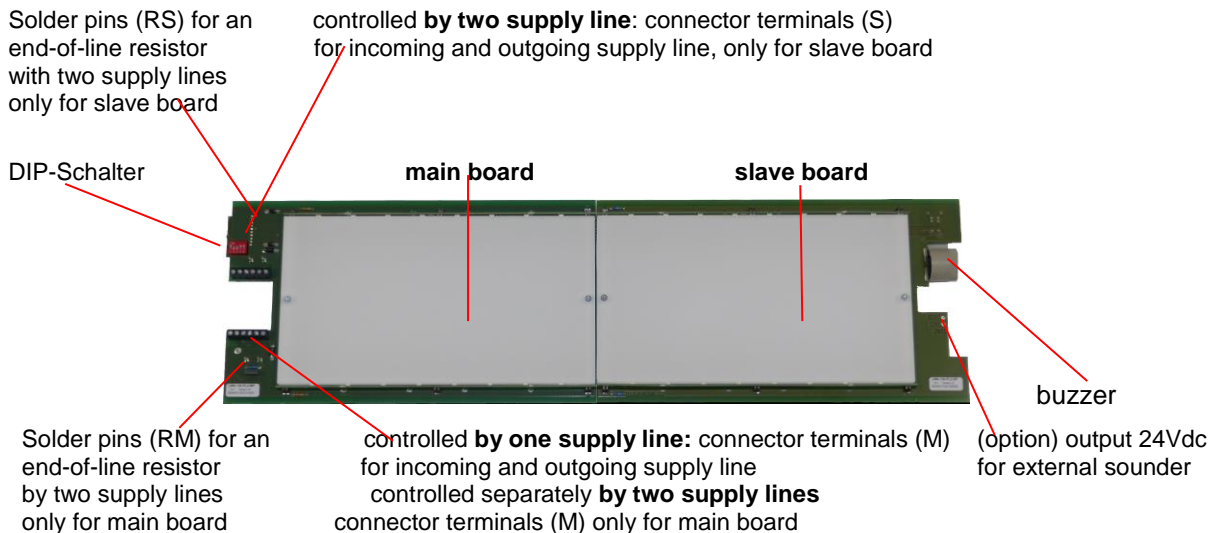
An integrated buzzer (approx. 90dB) can be activated for the entire lighting surface or
separately for the left and / or right lighting surface.
Optional, an intermitting relay-contact output (max. 1A/24Vdc) is available to drive an external sounder (24Vdc).

Options: (a) protection roof, made of stainless steel; (b) pre-mounting socket, made of stainless steel;
(c) sealing set (IP54), (d) weather protection housing for outdoor installation, made of transparent acrylic.

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Technical Data: LWA-130-PL2 (VdS)

color of housing:	black, other colors on request
color of illumination:	red, yellow, green / red/green, red/yellow
dimensions (W x H x D):	592 x 166 x 35 mm
illuminated area (W x H):	(480 x 130) or2x (240x130) mm
supply voltage:	19 -29 Vdc
supply current @ 24Vdc constant lightning: (complete illuminated area)	150 mA (red or yellow) 252 mA (green)
supply current @ 24Vdc constant lightning: (half illuminated area)	75 mA (red or yellow) 126 mA (green)
supply current for buzzer (90 dB):	+20mA
supply current for optional relay:	+10mA
self-resetting fuse :	polyswitch
protection class:	IP 50; dust proof; (VdS): -20° .. +40°C (typical): -40° .. +85°C

option: sealing profiles IP54
   transparent weather protection housing according to IP65

Mounting:

Solder pins (RS) for an   controlled **by two supply line**: connector terminals (S)
end-of-line resistor   for incoming and outgoing supply line, only for slave board
with two supply lines
only for slave board

DIP-Schalter

main board   **slave board**

buzzer

Solder pins (RM) for an   controlled **by one supply line:** connector terminals (M)   (option) output 24Vdc
end-of-line resistor   for incoming and outgoing supply line   for external sounder
by two supply lines   controlled separately **by two supply lines**
only for main board   connector terminals (M) only for main board

- The profile housing is screwed by 2 screws to the wall or to the pre-mounting socket (M5x10).
  The cable entry can be done through the hole from behind or through one of the end caps.
- The pcb´s (main- and slave board) are inserted into the 4rd slot from the bottom, the connector terminals
  should be on the left hand side (see above picture). The careful insertion of the two boards will
  causes the contact via an 8-pol. connector.
  Below the 6-pol. screw terminals are the solder pins (R) for an end-of-line resistor.
- Supply cable cores 24Vdc and shield is connected to the screw terminals (M).
  If you use the illumination areas separated, the second supply cable cores and shield is connected
  to the screw terminals (S).
  Set the DIP-switches on the main board. Factory setting for the buzzer is: "flashing" and "buzzer OFF", for the
  illuminated area controlled by one supply line.
- Slide the front plate without the protective folio into the 2.slot of the housing (see right picture).
- End caps are plugged on the profile and secured with the screws.
- Cleaning is done with a damp cloth only. Avoid any aggressive or abrasive cleaners.

4.Slot

Attention:
**When using the sealing profiles, slide the front plate with its rounded edges forward carefully
into the slot of the housing, to avoid damaging the sealing profiles.
Please note, that the use of the sealing profiles complicates the insertion of the front panel.
An improper installation may result in breakage of the front plate.**

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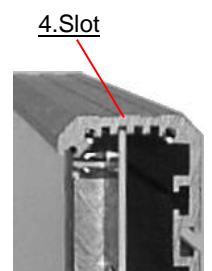
Profile housing with two end caps ABS: left 2 holes Ø 18,5 mm with membrane grommets, right unworked

Housing dimensions

69,5 mm   18,5 mm
27,0 mm
69,5 mm
18,0 mm

Ø 20 mm
214 mm
254 mm
574 mm
592 mm
83 mm
83 mm
166 mm
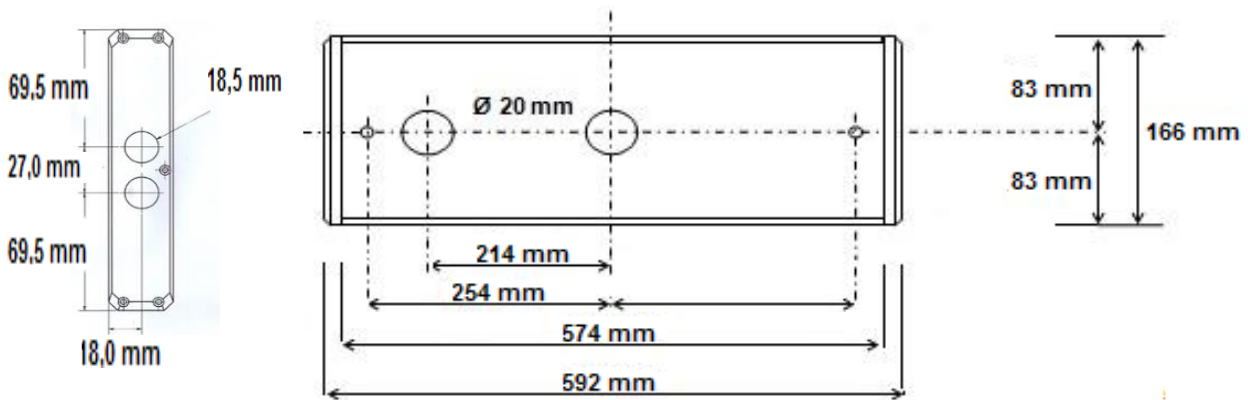
Operating variants

**Tabelle 1.1: Description of operating variants
(0 = off | X = on)
The complete illuminated surface
Is controlled by one supply line (M)**

**Tabelle 1.2: Description of operating variants
(0 = off | X = on)
The two illuminated surfaces with
different texts and colours are
controlled separately by
two supply lines (M + S)
a common ground (GND) is necessary**

Switch-No. 1 2 3 4 5	Function of master- and Slave board	Switch-No. 1 2 3 4 5	Function of master- and Slave board
X 0 0 X X	Master: flashing display / Slave: flashing display	X 0 0 X 0	Master: flashing display / Slave: flashing display
0 0 0 0 X	Master: constant display / Slave: constant display	0 0 0 0 0	Master: constant display / Slave: constant display
0 0 0 X X	Master: constant display / Slave: flashing display	0 0 0 X 0	Master: constant display / Slave: flashing display
X 0 0 0 X	Master: flashing display / Slave: constant display	X 0 0 0 0	Master: flashing display / Slave: constant display

DIP-switch 2 is only for ON / OFF function of the buzzer on the master board.
DIP-switch 3 is only for ON / OFF function of the buzzer on the slave board.

NEWNEW***NEW***

Our complete range of LED illuminated displays LWA-90, LWA-130 and LWA-130-PL2 are also available with provision and a wire suspension for the ceiling mounting.

The ceiling mount instructions are enclosed to the respective LED illuminated display.