

# LED PARKING DISPLAYS

## Technical Details

### CROSS/ARROW DISPLAYS

<b>Pixel pitch</b>	16 mm
<b>Symbols</b>	Arrow left, right, down, up / Cross
<b>Color</b>	green – arrow; red – cross
<b>Symbol size</b>	160 x 160 mm
<b>Luminance regulation</b>	automatically via photo sensor
<b>Reading angle</b>	> 150° (indoor version); 70°/30° (outdoor version)
<b>Communication</b>	Serial RS-422/485; Input control
<b>Housing dimensions</b>	200 x 200 x 60 mm
<b>Mechanical protection</b>	IP54

### FREE/OCCUPIED DISPLAYS

<b>Pixel pitch</b>	12.5 mm
<b>Content</b>	2 predefined contents; max. 8 characters / content
<b>Color</b>	1 color / content
<b>Character height</b>	88 mm
<b>Reading angle</b>	70°/30°
<b>Communication</b>	change of content via relays
<b>Housing dimensions</b>	610 x 115 x 130 mm
<b>Mechanical protection</b>	IP43 – meant for integration

### ALPHANUMERICAL GRAPHIC DISPLAY

<b>Pixel pitch</b>	16 / 20 / 25 mm for smaller pixel pitch and higher resolution please contact your local contact
<b>Number of characters</b>	3 (resolution 18 x 8 pixels); 4 (resolution 24 x 8 pixels); 6 (resolution 36 x 8 pixels)
<b>Color</b>	1, 2 or 3 colors
<b>Character height</b>	128 / 160 / 200 mm
<b>Reading angle</b>	> 150° (indoor version); 70°/30° (outdoor version)
<b>Communication</b>	Serial RS-422/485, Input control, Ethernet (optional)
<b>Housing dimensions</b>	depend on the selected pixel pitch and number of characters
<b>Mechanical protection</b>	IP54

### YOUR LOCAL CONTACT



#### SWARCO FUTURIT

SWARCO FUTURIT is the leading global player in LED-based signalling technology. The company specializes in traffic lights, variable message signs, street lighting and railway signals using the very latest developments in light emitting diode (LED) technology offering environmental friendliness and the advantages of low failure rate, energy savings and a long operating life.

LED mobile variable message signs, public information displays and parking signs are products of SWARCO FUTURIT's wholly-owned Slovenian subsidiary SWARCO LEA d.o.o. in Lesce.

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## LED PARKING DISPLAYS FOR GUIDANCE OF MOTORISTS IN REAL-TIME

Clear guidance and accurate information is essential for motorists searching for a parking space in towns and cities, at airports or shopping centers. Good signage and orientation help reduce search traffic, vehicle emissions, noise, and fuel consumption. SWARCO FUTURIT's LED-based parking displays are key elements in helping drivers to quickly and conveniently locate free parking spaces in an environmentally sound way.

SWARCO FUTURIT's objective is to provide solutions of outstanding reliability, quality and usability. This is achieved thanks to our engineering capabilities and our long-standing experience and know-how in manufacturing LED-based traffic signaling technology for motorways, intersections and also parking facilities.



### FREE SPACES AT A GLANCE

SWARCO FUTURIT delivers a complete range of LED parking signs which are available in various color options, display types and sizes. The common characteristics of all our products are their excellent optical performance and the ability to withstand even the most adverse environmental conditions.

- CROSS / ARROW DISPLAY shows a simple and clear message in the form of a red cross / green arrow at any given time.
- FREE / OCCUPIED DISPLAY provides general information about the availability of parking spaces within a parking facility.
- FREELY PROGRAMMABLE DISPLAY enables the display of dynamic alphanumerical content with the possibility to show graphic content (depending on type of the display)

# LED PARKING DISPLAYS

## Key Benefits

- made exclusively of high tier electronic components
- developed and engineered with our long-standing know-how
- simple yet robust design with adequate mechanical protection for indoor and outdoor use
- outstanding visibility at all weather conditions
- automatic or manual luminance regulation
- monochrome or multi-color solutions available
- several standard sizes available
- modular design
- autonomous operation in case of communication failure
- integrated communication protocol of major parking guidance system providers (Skidata, S&B, Indect, etc.)
- low power consumption
- easy handling
- simple installation

## TRAFFIC GUIDANCE IN CAR-PARKS



Car-park guidance significantly increases the car-park utilization, resulting in economic advantages for the operator. The customers benefit from better orientation and quicker identification of free parking spaces.

# LED PARKING DISPLAYS

## Application Examples



3-character display, amber LED, 128 mm character height



3-character displays, amber LED, 128 mm character height, combined with FREE/OCCUPIED sign



6-character display, amber LED, 160 mm character height



Fully graphic display, total resolution 160 x 168 pixels, pixel pitch 8 mm, monochrome



15-character display, amber LED, 128 mm character height



3-character display, white LED, 160 mm character height, 3 LEDs in 1 pixel