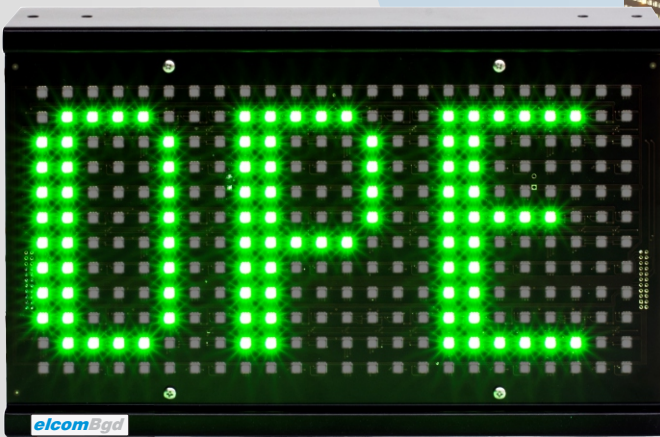


# BASIC LED MODULE PARKING GUIDANCE PANEL

MODELS: BLD-RGB11.55-16x12-5      BLD-RGB11.55-16x12-24      BLD-RGB11.55-48x12-24  
BLD-RGB11.55-24x12-5      BLD-RGB11.55-24x12-24      BLD-RGB11.55-64x12-24  
BLD-RGB11.55-32x12-5      BLD-RGB11.55-32x12-24      BLD-RGB11.55-96x12-24  
BLD-RGB11.55-40x12-5      BLD-RGB11.55-40x12-24  
BLD-RGB11.55-48x12-5  
BLD-RGB11.55-64x12-5  
BLD-RGB11.55-96x12-5



pictures are of the same type display,  
but not necessary of the concrete model

Efficient use of large multi-level parking garages or huge in level parking lots can not be achieved without a system of user guidance toward available parking spaces. Also, within street network user can be efficiently directed towards different parking facilities in surroundings are, informed about currently available capacities (number of free parking positions), that particular object is fully occupied, or out of use because of other reason.

An important component of such system represent the VMS signs intended to direct parking users to areas or parts of the facility where in real time there are an available capacity. Besides standalone, parking VMS display modules can be integrated within the framework of complex information boards with aggregated information covering the multi-level, multi-zone parking facility, or facilities in gravitating city zone.

Parking VMS display through graphical and text messages displayed in the appropriate chromatic code provides users with the necessary information at the point where different options for continuing movement exist. Real-time information is provided through a centralized management system for parking facility on the basis of information from individual parking single place detectors, or through summarized status information from different parking objects (facilities).

Additionally, specific users can be informed of the availability of a dedicated capacity (disabled persons, VIP, electric powered vehicles, oversized vehicles). Information of different status of particular parking facility areas can be announced (FULL, CLOSED, places for disabled users, for electric powered cars, etc.), presented in stabile or dynamic (scrolling text) mode.

The main features of concept:

- Full color LED matrix display - provides endless colors in combination with free text context,
- Different character style applicable, small and large letters, symbols, etc,
- LED type: super-bright, wide viewing angle, OSRAM SMD RGB,
- Resolution: 11.55 mm - providing a good appearance and readability of content from a distance of several tens metres,
- Arrow for any direction (left, straight, right), wheelchair or any other required pictogram or animation,
- Required number of digits (corresponding to model),
- Free text context in required character design,
- Shaded lusterless polycarbonate protector,
- Extruded aluminum protecting case for display module (option),
- Hanging on a horizontal bar.

## DISPLAY HOUSING

- Dimensions (different models):  
210/ 300/ 390/ 480/ 570/ 780/ 1140 x 187 mm,

## DISPLAY FACE

- Type: full colour matrix,
- Dimensions: 16/ 24/ 32/ 40/ 48/ 64/ 96 x 12 pixels;  
185/ 277/ 370/ 462/ 554/740/ 1008 x 138 mm,
- Resolution (pitch): 11.55 mm,
- LED type: OSRAM RGB SMD,
- Luminosity: Outdoor (22,950 cd/m<sup>2</sup>) and lower level for indoor use,
- Colours consistent to CIE 1931 (three-chromatic coordinates in accordance to CIE S 004/E),
- Viewing angle 2Θ1/2: horizontal and vertical class B6 (EN 12966),
- Luminance control of each diode in 256 levels (dimming) providing 16.7 M colours.
- Control of general luminance level of entire display dimming in 64 levels,
- Frequency adjusted to avoid blinking when working in impulse mode (frequency in accordance to EN12966:1:2005, paragraph 7.7),

## ELECTRICAL FEATURES

In accordance to EN 12966-1:2005, paragraph 8.4

- Voltage: 5/ 24 VDC,
- Power consumption:  
nominal in use (approx.) 8/ 12/ 15/ 19/ 23/ 30/ 46 W,  
maximal 20/ 30/ 40/ 50/ 60/ 80/ 120 W,
- Insulation: Class 2,

## TEMPERATURE RANGE

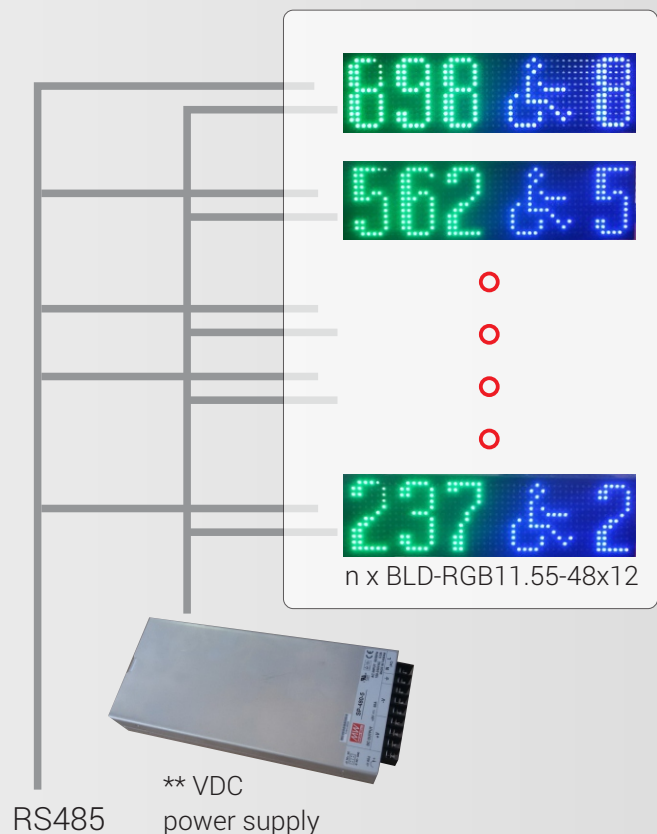
- From -40° to +60° C  
Class T3 minimal temperature (EN 12368),  
Class T1 maximal temperature (EN 12368),

## REMOTE CONTROL

- Serial communication RS 485 - TCS protocol.

## CERTIFICATION

- EN 60950-1:2006+AC:2011+A2:2013,
- EN 50293:2012,



Specifications are subject to change without prior notice.  
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