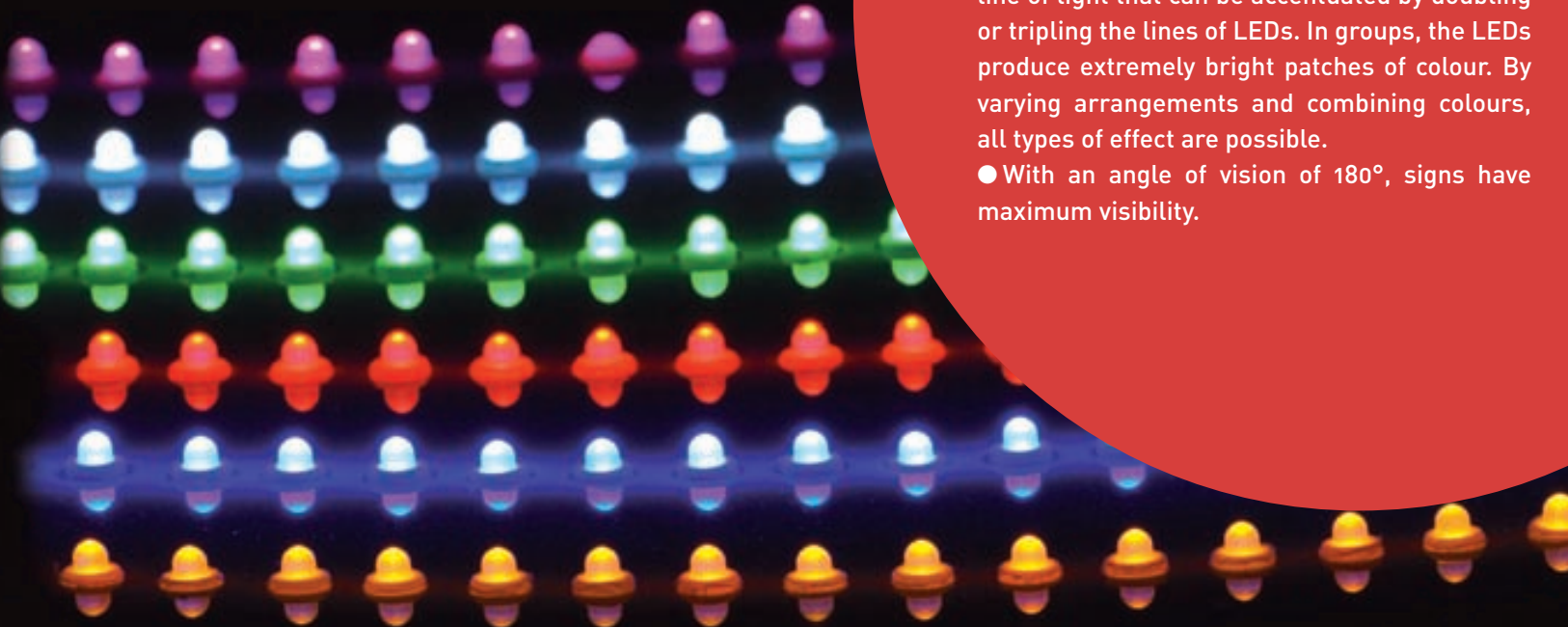


FOR WHICH APPLICATIONS?

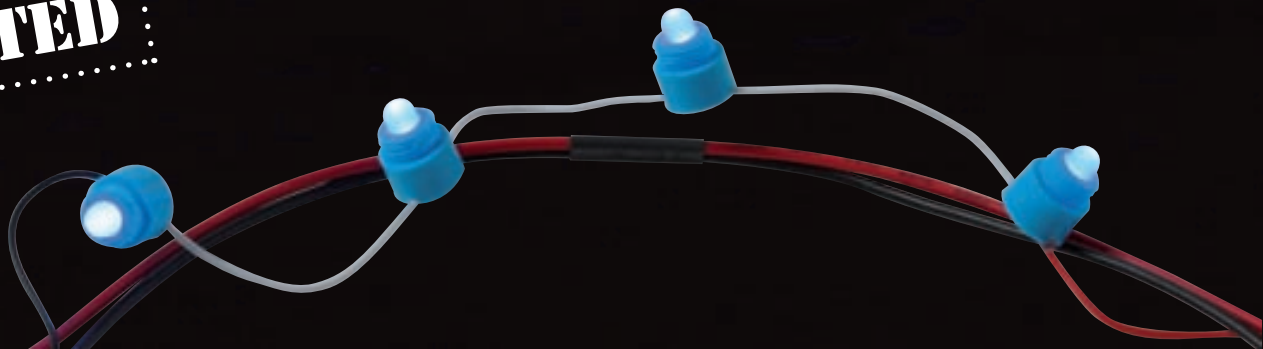
With the **Domino Logo**, you can create shapes of all sizes and faithfully reproduce lettering or logos without any printed circuit.

- The LEDs are small enough to create a fine line of light that can be accentuated by doubling or tripling the lines of LEDs. In groups, the LEDs produce extremely bright patches of colour. By varying arrangements and combining colours, all types of effect are possible.

- With an angle of vision of 180°, signs have maximum visibility.



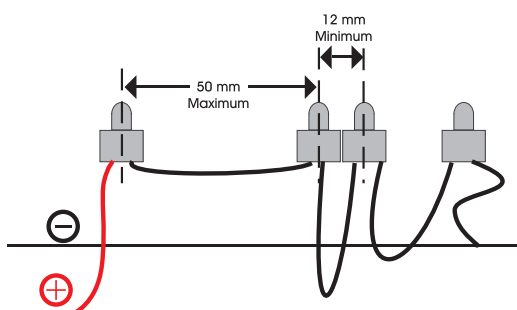
PATENTED



DESCRIPTION

Domino Logo are pre-wired on a carrier in **inseparable** groups of four of the same colour. Each LED is encapsulated and embedded in resin to ensure maximum sealing (IP 66). The colour of the capsule identifies the colour of the LED.

To fix Domino Logo, simply clip them into the holes in the support. The lips used to clip them can withstand possible expansion of the support. **Signs made with Domino Logo have a particularly low energy consumption.**



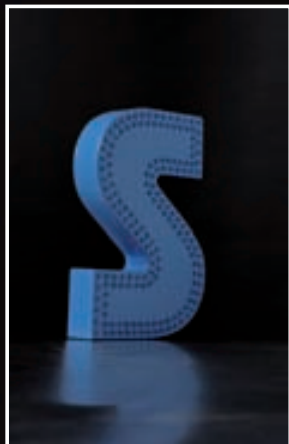
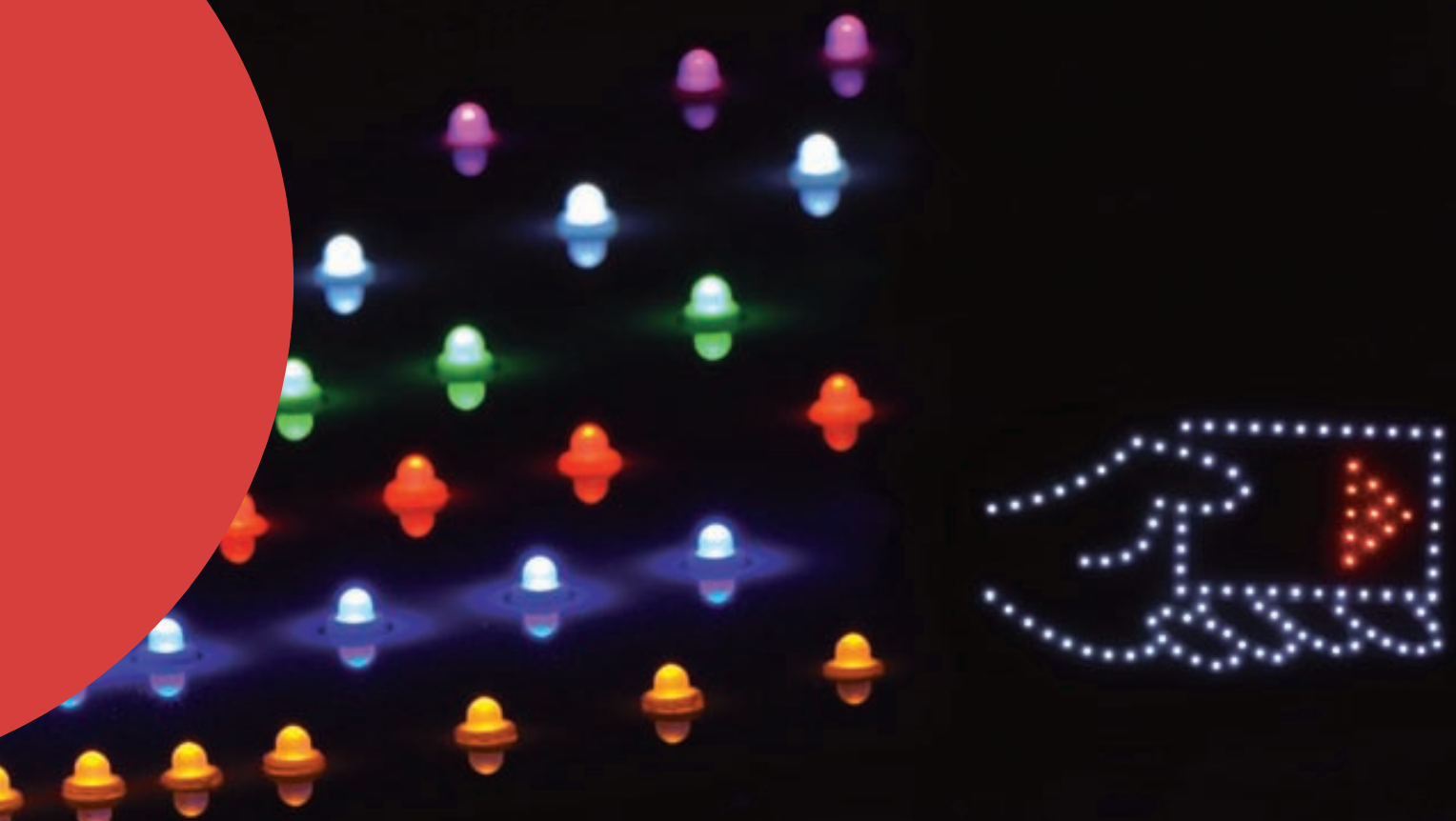
INSTALLATION

INFORMATION FOR DESIGNERS

Domino Logo dimensions are available in vectorised format. The file is supplied on a CD-Rom and can also be downloaded from www.dominosign.net

- Minimum and maximum spacing between LEDs:
 - minimum centre to centre distance: 12 mm
 - maximum centre to centre distance: 50 mm
 - Diameter of clipping hole: 8.6 mm
- Allowance must be made for the thickness of any layers of paint when piercing holes in the support. Tests will be required depending on the type of paint and applicator.
- Thickness of support (PMMA, aluminium or composite sheet) between 1 and 3 mm
 - The power of the 24 V electricity supply is obtained by multiplying the consumption of one LED, 0.12 Watt, by the number of LEDs.



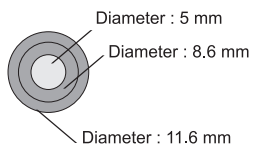


With a light source at 180°, the sign is always legible regardless of the angle from which it is viewed.

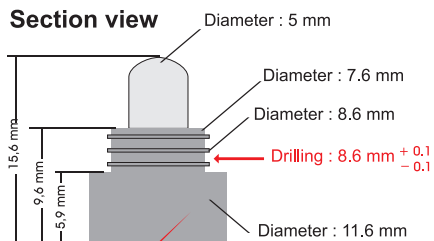
CHARACTERISTICS

Diagram of LED

Front view



Section view



Resin of the same color of the lighting

Colours	Red	Amber	Green	Blue	White	Pink
Luminous flux (L/m)	0.5	0.5	2	0.5	2	0.5
Consumption Watt/LED	0.12	0.12	0.12	0.12	0.12	0.12

Animation: yes Dimmer: yes

	24 V		IP 66
	180° angle		+80° -40°

CE
RoHS

PACKAGING

Wrapped in antistatic plastic film
Quantity: 200

WORKSHOP GUIDE



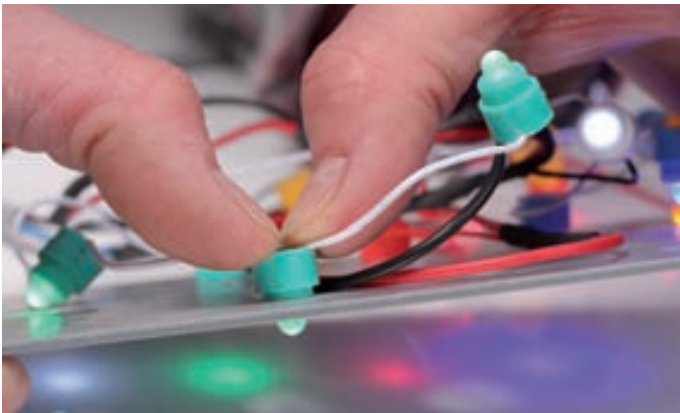
UNPACKING - HANDLING

As the LEDs consist of electronic components, they should be handled with care. Domino Logo are protected in their original packing by a treated antistatic plastic film so that you can unroll and use the quantity you require without any risk of entanglement. For electrostatic reasons, the work surface must at least be earthed. We recommend using ESD mats.



INSTALLATION

The support must be clean. Domino Logo are introduced into the holes and clipped by pressing on the back of the capsule until the rim meets the support.



Whenever the number of holes in the support is not a multiple of four, any extra Domino Logo are kept at the back of the support. The same procedure should be followed when introducing different colours in various places as **the 4 LEDs in a single module are inseparable.**



WIRING

After determining the number and/or power of the electricity supplies, no more than 200 LEDs should be wired on loops in parallel.

To connect these loops in parallel to the 24V supply cables (+ and -), use electrically insulated connectors to avoid any short-circuits (cf. connector accessories) or make a connection with solder and heat-shrinkable tubing.

ADVICE

As with any sign, once it has been assembled we advise you to perform an aging test lasting at least 48 h to check that it has been properly assembled and connected and that the LEDs have not suffered any damage in the process.

