

# LUMAIRE

## Basic B3

The ultra-thin LUMAIRE Basic LED Panel is a perfect solution for designers and manufacturers to fulfil their lighting needs. The panel with its slim profile and customizable shape will easily conform to the idea for any surface lighting. Such as POS displays, furniture, interior design and signage.

- Thickness is just 5mm (8 mm with heat sink)
- Brightness up to 11000lx on the surface depending on size
- Single or double sided, curved and custom shape options
- Low power consumption
- Wide application possibilities, from interior design to signage



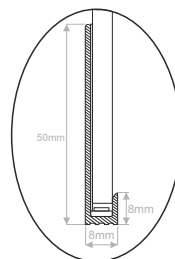
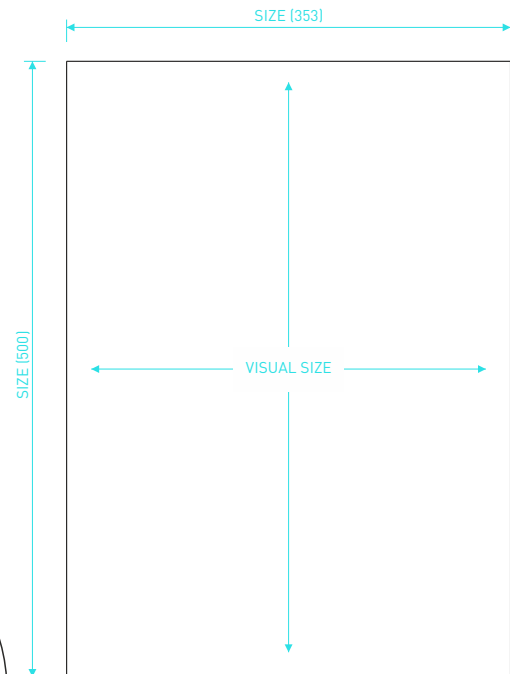
### TECHNICAL SPECIFICATIONS

|                       |                                |
|-----------------------|--------------------------------|
| Manufacturer          | Leddex                         |
| Product name          | Lumaire Basic                  |
| Main material         | Clear acrylic (PMMA)           |
| Thickness             | 5 mm, 8 mm with heatsink       |
| Luminous efficiency   | up to 160lm/W                  |
| Colour temperature    | 3000K 4000K 5000K 6500 K       |
| IP rating             | IP 54                          |
| Maximum size          | 2450x1250 mm                   |
| Lifetime              | > 50,000 hours                 |
| Warranty              | 3years                         |
| Operating temperature | Opating temperature            |
| Wattage               | 8W                             |
| Power supply          | AC / DC 12V / 24V / CC Adaptor |
| Working voltage       | DC 12V / DC 24V / DC CC        |
| Input voltage         | AC 100 ~ 240V 50/60Hz          |

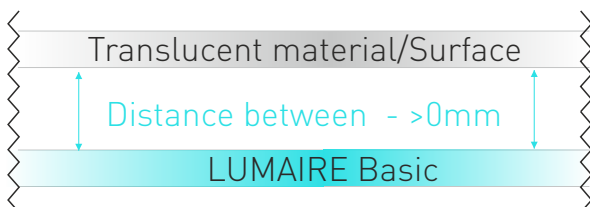
|                                |                        |
|--------------------------------|------------------------|
| Melt flow index                | 1.0g/10min             |
| Tensile strength               | 740kg/cm <sup>2</sup>  |
| Tensile elongation             | 6%                     |
| Flexular modulus               | 34kg/cm <sup>2</sup>   |
| Flexular strength              | 1200kg/cm <sup>2</sup> |
| Izod impact strength (notched) | 1.8kg*cm/cm            |
| Rockwell hardness              | 98 M scale             |
| Heat distortion temperature    | 95C                    |
| Specific gravity               | 1.19                   |
| Light transmission             | 93%                    |
| Haze                           | 0.1%                   |

### VISUAL APPEARANCE

#### Format B3



#### Usage illustration



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