



## LITELINE G2 IP44 1200 DALI EM

Highly efficient fluorescent tube replacement with various control options. Body of white enamelled steel sheet metal with folding patented end caps and prismatic cover in durable polycarbonate with an opal diffuser for even light outlet. Both end caps and cover are recycled plastic. Replaceable LED and driver, possible to choose colour temperature and adjust lumen output via DIP-switch. Quick terminal at both ends for simple through wiring. Through wiring 5x2,5mm<sup>2</sup> as standard. Liteline G2 is perfect where the light requirement is great and the quality requirement is high, such as production environments, garages and industrial premises.

### DESCRIPTION

|                   |                               |
|-------------------|-------------------------------|
| <b>GTIN:</b>      | 7392971149394                 |
| <b>Item Name:</b> | Liteline G2 IP44 1200 DALI EM |
| <b>Warranty:</b>  | 5 years                       |

### LIGHT TECHNICAL DATA

|                                     |   |
|-------------------------------------|---|
| <b>Max. Luminaire Lumen (lm):</b>   | 6300  |
| <b>Light Source:</b>                | LED   |
| <b>Replaceability:</b>              | Replaceable LED by professional, Replaceable Control gear by professional |
| <b>LED Colour:</b>                  | Warm White  |
| <b>Colour Temperature (K):</b>      | 3000, 4000  |
| <b>Colour Rendering Index (Ra):</b> | >80   |
| <b>Colour Consistency (SDCM):</b>   | 3   |
| <b>Luminous Intensity (cd):</b>     | 2115  |
| <b>Beam Angle (°):</b>              | 110   |
| <b>Light sharing:</b>               | Symmetric   |
| <b>Light Outlet:</b>                | Direct  |
| <b>Number of Lamps (pcs):</b>       | 1   |
| <b>Number of LED (pcs):</b>         | 1   |
| <b>Life Time:</b>                   | h Ta °C   |
| <b>Nominal Life Time (h):</b>       | 100000  |
| <b>Lumen maintenance 50 000h:</b>   | L91   |
| <b>Lumen maintenance 75 000h:</b>   | L87   |
| <b>Lumen maintenance 100 000h:</b>  | L82   |
| <b>LLMF @ 50 000h:</b>              | 0.91  |
| <b>LLMF @ 100 000h:</b>             | 0.82  |
| <b>Life Time Driver:</b>            | 100 000h/20%  |
| <b>Flicker (PstLM):</b>             | 1   |
| <b>Stroboscopic effect (SVM):</b>   | 0,4   |

## TECHNICAL DATA

|                                   |            |
|-----------------------------------|------------|
| Voltage (type):                   | AC         |
| Voltage Interval (V):             | 220...240V |
| Voltage Nominal (V):              | 230        |
| Line Frequency (Hz):              | 50, 60     |
| Power LED (W):                    | 35         |
| Max. Power Luminaire (W):         | 40         |
| Max. System Power (W):            | 40         |
| Max. Efficiency Luminaire (lm/W): | 157,5      |
| Max. Efficiency System (lm/W):    | 157,5      |

Containing light source energy efficiency class (EU) 2019/2015: A

## OPERATION AND CONNECTION

|  |                                     |
|--|-------------------------------------|
| Dimmable:  | Yes                                 |
| Type of Dimming:                                   | DIP-Switch Power, Push 230V, DALI 2 |
| Driver Included:                                   | Yes - replaceable                   |
| Driver Model:                                      | Constant Current                    |
| Driver Type:                                       | Built-in                            |
| Connection (type):                                 | Quick Terminal                      |
| Connection (mm <sup>2</sup> ):                     | 5x0,5-2,5                           |
| Through Wiring:                                    | Yes                                 |
| Power Factor $\lambda$ :                           | 0,95                                |
| Efficiency (%):                                    | 87                                  |
| Power loss (W):                                    | 4                                   |
| Leakage current (mA) (at 230 V, 50 Hz, full load): | 0,7                                 |
| THD (%):   | 15                                  |
| Standby Power:                                     | 0,5                                 |
| Constant Current (mA):                             | 500, 600, 700, 800                  |
| Min. Ta (°C):                                      | -25                                 |
| Max. Ta (°C):                                      | 65                                  |
| Max. Tc (°C):                                      | 65                                  |
| Suitable for random switching:                     | Yes                                 |
| Inrush current (max/time):                         | 30A 100 $\mu$ s                     |
| Mains surge protection DM (kV):                    | 1                                   |
| Mains surge protection CM (kV):                    | 2                                   |
| Fuse B10 (pcs):                                    | 20                                  |
| Fuse B16 (pcs):                                    | 30                                  |
| Fuse C10 (pcs):                                    | 30                                  |
| Fuse C16 (pcs):                                    | 45                                  |
| Emergency light operation:                         | 1,5                                 |

## COLOR AND MATERIAL

|                             |   |
|-----------------------------|---|
| Material:                   | Recycled, Plastic, Sheet metal, Polycarbonate |
| Color:                      | White   |
| Environmental Assessment:   | Byggarubedömningen, EPD                       |
| Available in special color: | No  |

## MEASUREMENT AND INSTALLATION

|                                       |                                |
|---------------------------------------|--------------------------------|
| <b>Operating Environment:</b>         | Indoor / wet locations         |
| <b>IP Degree of Protection:</b>       | 44                             |
| <b>Protection Class:</b>              | I                              |
| <b>Installation:</b>                  | Ceiling, Wall, Surface mounted |
| <b>Mounting Installation:</b>         | Screw Mounting                 |
| <b>Fire Safety Marks:</b>             | D-mark                         |
| <b>Approval Marks:</b>                | CE, a Hide-a-lite Choice       |
| <b>Impact Strength:</b>               | IK10                           |
| <b>Filament Test IEC 695-2-1(°C):</b> | 850                            |
| <b>Length (mm):</b>                   | 1175                           |
| <b>Width (mm):</b>                    | 150                            |
| <b>Height (mm):</b>                   | 50                             |
| <b>Weight (kg):</b>                   | 2,96                           |



