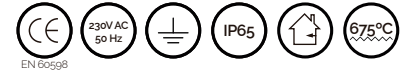


**ASEPTIC** is a lighting solution specially designed for aseptic environments - hospitals, clean rooms, hotel kitchens, for example. Its geometry and fixing system allows it to be used flush-mounted.

With LEDs with a high Color Rendering Index (Ra>90) and a high overall luminous efficacy of between 86 and 111 lm/W. LEDs with a long service life (>50,000h), with different color temperatures available.



**PRODUCT DESCRIPTION**

|                    |   |
|--------------------|---|
| <b>Assembly</b>    | Built-in;                                     |
| <b>Body</b>        | Sheet steel, surface treated;                 |
| <b>Application</b> | Hospitals;<br>Hotel kitchens;<br>Clean rooms; |
| <b>CRI</b>         | Ra >90;                                       |
| <b>Diffuser</b>    | O - Opaline and transparent tempered glass;   |

**ELECTRICAL SPECIFICATIONS**

|                                       |         |
|---------------------------------------|---------|
| <b>Max. Supply Current</b>            | 700 mA; |
| <b>Fator de Potência</b>              | > 0,90; |
| <b>Class of electrical protection</b> | I;      |

**STANDARDS (PRODUCTS MANUFACTURED ACCORDING TO:)**

EN 60598-1:2004  
EN 60598-2-2:2012

**PACKAGE**

| Model    | Dimension (mm) | Weight (Kg) |
|----------|----------------|-------------|
| 600x600  | 610x610x100    | 9,5         |
| 300x1200 | 310x1210x100   | 10,8        |
| 300x1500 | 310x1510x100   | 11,8        |

**FINISHES**

|           |                  |
|-----------|------------------|
| <b>Wh</b> | White (RAL 9003) |
|-----------|------------------|

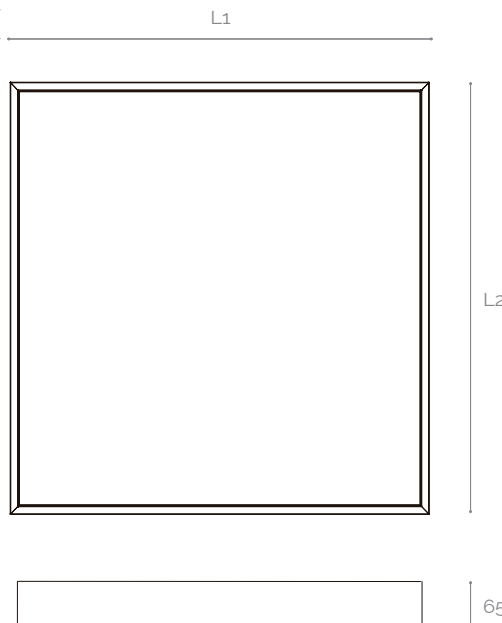
Other finishes on request

**PRODUCT OPTIONS**

|                |                         |
|----------------|-------------------------|
| <b>Control</b> | DALI;<br>Tunable white; |
|----------------|-------------------------|

**MECHANICAL DRAWINGS (mm)**

| MODEL    | L1 (mm) | L2 (mm) | HOLE IN THE CEILING (mm) |
|----------|---------|---------|--------------------------|
| 600x600  | 597     | 597     | 580x580                  |
| 300x1200 | 297     | 1197    | 280x1080                 |
| 300x1500 | 297     | 1497    | 280x1460                 |



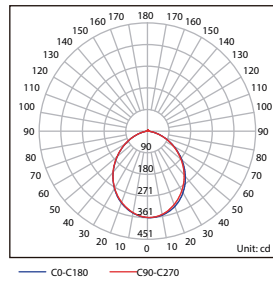
**PHOTOMETRIC SPECIFICATIONS**

| MODEL    | PERFORMANCE | POWER (W) | PHOTOMETRIC CODE | LUMINOUS FLUX (lm) | SYSTEM EFFICIENCY* (lm/W) |
|----------|-------------|-----------|------------------|--------------------|---------------------------|
| 600x600  | HO          | 56        | 930              | 4815               | 86                        |
|          |             |           | 940              | 5040               | 90                        |
|          |             |           | 950              | 5105               | 92                        |
|          | HE          | 30        | 930              | 2854               | 94                        |
|          |             |           | 940              | 2987               | 99                        |
|          |             |           | 950              | 3026               | 100                       |
| 300x1200 | HO          | 56        | 930              | 4815               | 86                        |
|          |             |           | 940              | 5040               | 90                        |
|          |             |           | 950              | 5105               | 92                        |
|          | HE          | 30        | 930              | 2854               | 94                        |
|          |             |           | 940              | 2987               | 99                        |
|          |             |           | 950              | 3026               | 100                       |
| 300x1500 | HO          | 82        | 930              | 7222               | 88                        |
|          |             |           | 940              | 7560               | 92                        |
|          |             |           | 950              | 7658               | 94                        |
|          | HE          | 45        | 930              | 4280               | 94                        |
|          |             |           | 940              | 4481               | 99                        |
|          |             |           | 950              | 4539               | 100                       |

**NOTE:** Nominal values at temperature (Tp - 25°C) | Transparent diffuser | (\*) - Normal system (without control);  
 The luminous flux and input power of the luminaire are indicative values valid for an ambient temperature of 25°C. The actual flux emitted by the luminaire depends on environmental conditions (e.g. temperature and pollution) and may vary according to specific configurations. The reported values are subject to the tolerances in technology.

HO - High output flux;  
 HE - High efficiency;

POLAR DIAGRAM

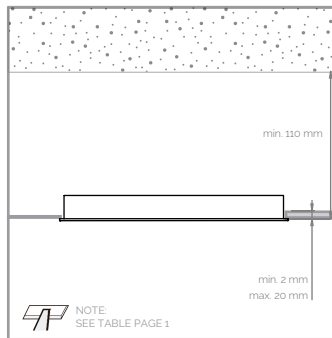


O

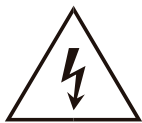
ORDER EXAMPLE

| PRODUCT FAMILY           | PERFORMANCE | PHOTOMETRIC CODE | DIFFUSER | FINISHING | OPTIONS |
|--------------------------|-------------|------------------|----------|-----------|---------|
| ASEPTIC E O<br>(600x600) | HO          | 940              | O        | Br        | -       |

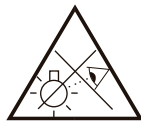
ILLUSTRATIVE IMAGES



NOTES



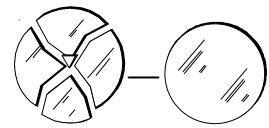
RISK OF  
ELECTRIC SHOCK



CLIFF GROUP 1  
(GR1)



THE PRODUCT MUST NOT BE COVERED  
WITH INSULATING OR SIMILAR MATERIAL



LUMINAIRES WITH GLASS  
Must be replaced when cracked

This device is not suitable for pricking out.  
Light source not user-replaceable.  
The ceiling must be at least 25 mm thick.

For more information on the different architectures, solutions and functionalities available, please contact Lightenjin.

Under the general terms of the supply of our services and/or equipment, Lightenjin declines any responsibility for the use or purpose assigned to them, which are the sole and exclusive responsibility of the customer.

Lightenjin reserves the right to change the information contained in this document without prior notice.

LIGHTENJIN II - LIGHTING INDUSTRY, LDA

PARQUE EMPRESARIAL DO CASARÃO, AVENIDA DAS 2 RODAS, LOTE 36A. 3750-041 AGUADA DE CIMA | PORTUGAL  
tel: +351 234 080 117 | fax: +351 234 640 064 | geral@lightenjin.pt

