



## SLIMFLUX BL UGR - PRO

### Typology

Direct lighting LED panel.

### Features

The positioning of the LED sources on a horizontal plate ensures lighting uniformity on the screen surface and excellent efficiency levels.

The backlit panel is composed of a metal material back compartment providing a heat sink function.

Equipped with special PMMA primary lenses, the LED sources positioned on a horizontal plate ensure lighting uniformity on the diffuser surface and ensure excellent efficiency levels.

Colour rendering: Ra>80 or Ra>90.

### Installation

Consider more depth for recessed installations.

### Material

Painted white aluminium body; high-transmittance PMMA primary optics.



### Characteristic data

|       |      |                        |        |       |             |              |           |
|-------|------|------------------------|--------|-------|-------------|--------------|-----------|
| Power | 45 W | Dimmable               | No     | Input | 220-240 Vac | Base         | Free Wire |
| IP    | 20   | Optical compartment IP | 43     | Flux  | 5500 lm     | PF           | 0,9       |
| UGR   | <19  | Tc                     | 4000 K | Ra    | >80         | LED Warranty | G5h24     |
| RG    | RG0  |                        |        |       |             |              |           |

## Dimensional characteristics



|    |        |
|----|--------|
| L  | 595 mm |
| L1 | 595 mm |
| H  | 30 mm  |

## Lighting and photometric features

|   |                    |
|---|--------------------|
| Flux                                      | 5500 lm            |
| CCT nominal colour temperature            | 4000 K             |
| Colour of the light                       | Natural light      |
| Colour rendering index                    | >80                |
| Lifespan                                  | 50000 h            |
| LED lifespan                              | L80B20             |
| Trigger time                              | <0,2 s             |
| Heating time up to 60% of full efficiency | Instant Full Light |
| UGR                                       | <19                |

## Electrical characteristics

|                       |               |
|-----------------------|---------------|
| Rated power           | 45 W          |
| Input voltage         | 220-240 Vac   |
| Frequency             | 50/60 Hz      |
| Dimmable              | No            |
| Power factor (PF)     | 0,9           |
| Operating temperature | -25°C / +40°C |

## Photometry

|  <p>Imax=476cd/klm</p> | 4000K         | H(m)    | D1(m) | D2(m) | E <sub>max</sub> (lx) |      |
|--|---------------|---------|-------|-------|-----------------------|------|
|  | Ra80          |         | 86°   | 91°   |                       |      |
|  | Fixture Power | 45W     | 1     | 1.85  | 2.03                  | 2619 |
|  | Source Flux   | 5500lm  | 2     | 3.71  | 4.07                  | 655  |
|  | Fixture Flux  | 5500lm  | 3     | 5.56  | 6.10                  | 291  |
|  | Efficacy      | 122lm/W | 4     | 7.42  | 8.14                  | 164  |
|  | Imax          | 2619cd  | 5     | 9.27  | 10.17                 | 105  |

EulumDat file on the site

## Other Infotech

|                             |  |
|-----------------------------|--|
| Flicker Free                | Yes  |
| Light source replaceability | Replaceable (LED only) light source by a professional. |
| Control gear replaceability | Replaceable control gear by a professional.            |



## LED Warranty

|       |   |
|-------|---|
| G5h24 | Full Guarantee<br>5 years<br>(24h/24h) Without limitations on the duration of use for the first year, provided the observance of the installation conditions. |
|-------|---|

## European Directives

2009/125/EC \* Ecodesign  
2011/65/EU \* RoHS  
2012/19/EU \* RAEE  
2014/30/EU \* EMC  
2014/35/EU \* LVD  
2015/863 \* Amending RoHS  
2017/1369 \* Regulation for Energy Labelling  
2019/2015 \* Regulation for Energy Labelling  
2019/2020 \* Regulation for Ecodesign  
2021/340 \* Amending Reg. Energy Labelling  
2021/341 \* Amending Reg. Ecodesign

## Product standards

CEI EN 55015:2020 (+A11:2020)  
CEI EN 60598-1:2022  
CEI EN 60598-2-1:2022  
CEI EN 61000-3-2:2019 (+A1:2021)  
CEI EN 61000-3-3:2014 (+EC1:2014/+EC2:2016/+A1:2021/+A2:2022)  
CEI EN 61547:2010  
CEI EN 62031:2021 (+A11:2022)  
CEI EN 62471:2010  
IEC/TR 62471-2:2009  
CEI EN 62493:2015  
CEI 34-141:2014

## Logistics data

|                                |               |
|--------------------------------|---------------|
| Item net weight                | 2070 gr       |
| Barcode single item            | 8011905990480 |
| Number of pieces multiple pack | 6             |
| Minimum order quantity         | 1             |
| Minimum packaging              | 1 / 6         |