



FlatMAX

Low-bay lighting solutions

Brief application note about FLATMAX products family

FlatMAX

2 x 112 led 600 x 600mm module

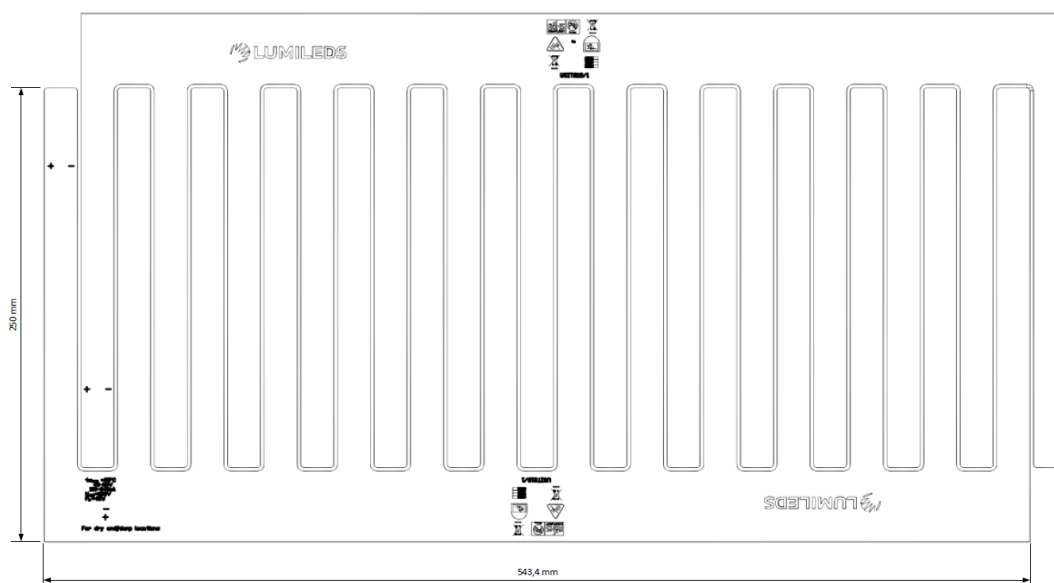
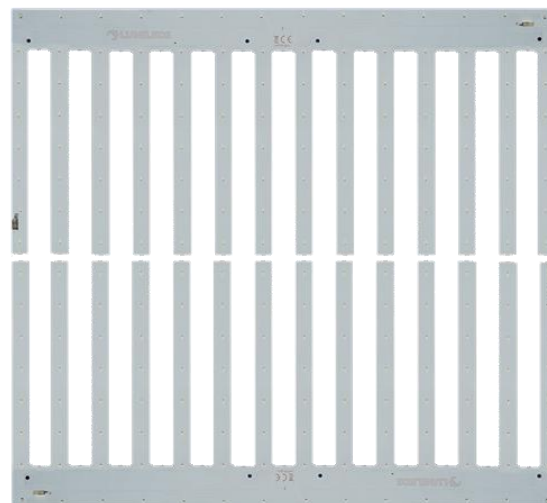


Product Description

- Finger board for 600x600mm fixture
- Dimension 543x250mm (single board)
- PCB thickness: 1,6mm
- CRI 80
- 3 Step MacAdam
- Ta -25 + 50
- Tc 85°C
- Tp 75°C
- Life time >50.000h @ 350mA
- Max Electrical insulation : 250V

Standards

- EN 62031 : 2008 + A1:2013 + A2 : 2015
- EN 62778 : 2014
- EN 62471 : 2008



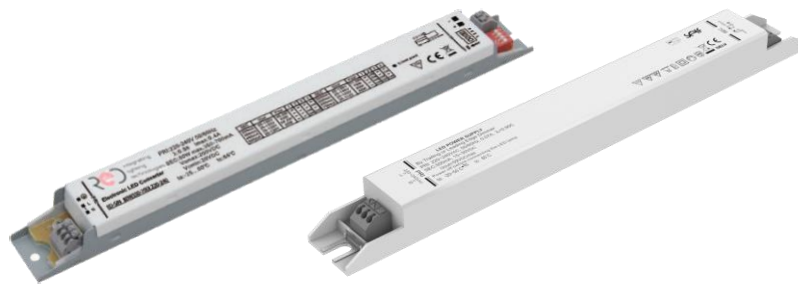
FlatMAX

| Item code | CCT [K] | Current [mA] | Flux @ Tj=25°C [lm] | Efficacy @Tj=25°C | Imax [mA] | Vf [V] | Power [W] |
|-------------|---------|--------------|---------------------|-------------------|-----------|--------|-----------|
| R5219113080 | 3000K | 350 | 5000 | 156 | 700 | 92 | 32,2 |
| | 3000K | 500 | 6655 | 141 | | 94,3 | 47,15 |
| R5219114080 | 4000K | 350 | 5390 | 168 | | 92 | 32,2 |
| | 4000K | 500 | 7168 | 152 | | 94,3 | 47,15 |
| R5219115080 | 5000K | 350 | 5660 | 176 | | 92 | 32,2 |
| | 5000K | 500 | 7526 | 160 | | 94,3 | 47,15 |

*Lm output and Vf tolerance : 10%.

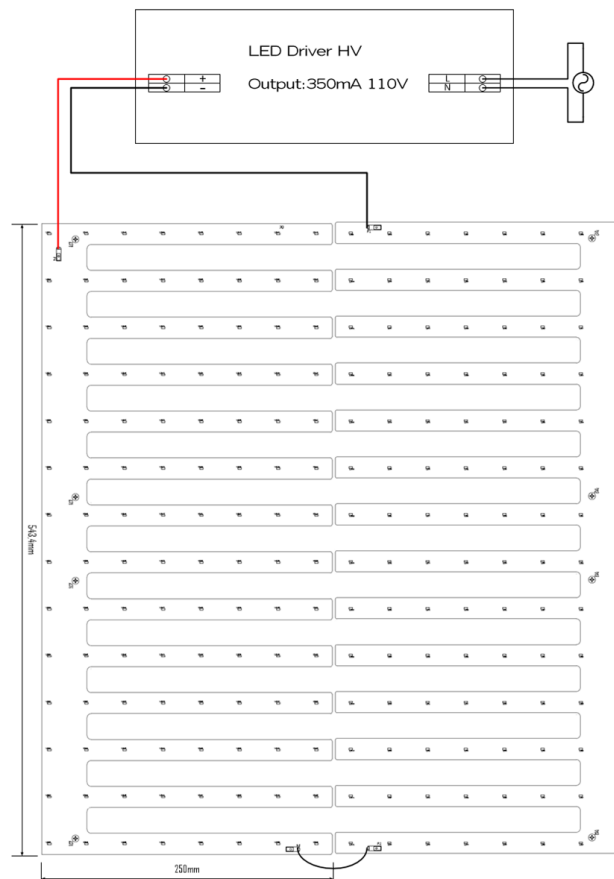
FlatMAX

2x112 led 600x600mm module



LineMAX DRIVER

| Codice Driver | Case | Programmable | Dimmerable |
|---------------|----------|--------------|------------|
| DSL80350IL-EU | Plastico | 200-350mA | No |
| DSL80500IL-EU | Plastico | 350-500mA | No |
| DSL80350LD-EU | Plastico | 200-350mA | DALI |
| DSL80500LD-EU | Plastico | 350-500mA | DALI |



FlatMAX

224 + 224 dynamic white module

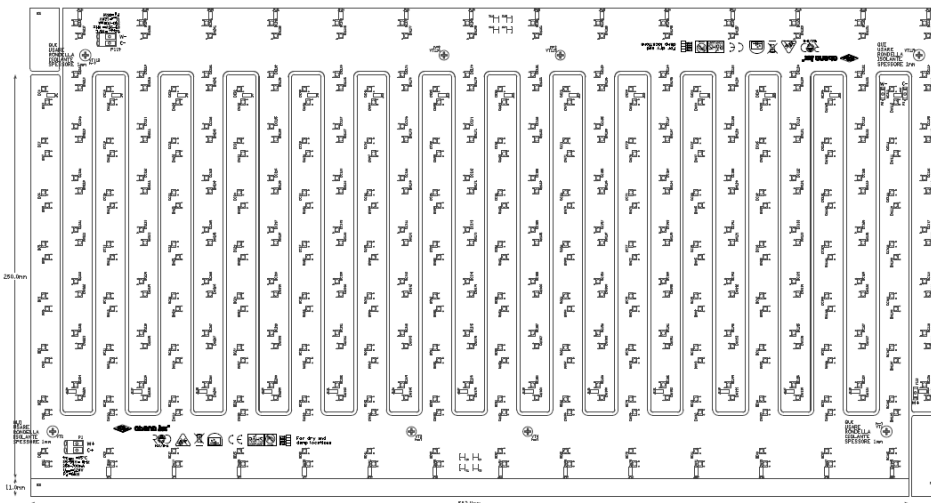
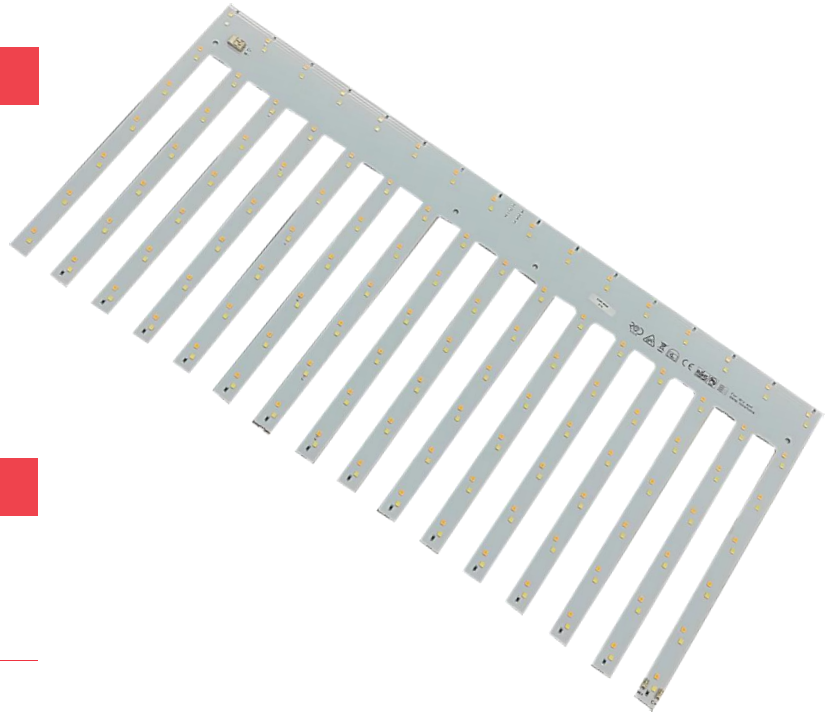


Product Description

- Finger board for 600x600mm fixture
- Dimension 543x250mm (single board)
- PCB thickness: 1,6mm
- CRI 80
- 2700-5700K and 2200-4000K available
- Ta -25 + 50
- Tc 85°C
- Tp 75°C
- Life time >50.000h @ 350mA
- Max Electrical insulation : 150V

Standards

- EN 62031 : 2008 + A1:2013 + A2 : 2015
- EN 62778 : 2014
- EN 62471 : 2008



FlatMAX

| Item code | CCT [K] | Current [mA] | Flux @ Tj=25°C [lm] | Efficacy @Tj=25°C | I _{max} [mA] | V _f [V] | Power [W] |
|-------------|---------|--------------|------------------------|----------------------|-----------------------|--------------------|-----------|
| R5428112757 | 2700K | 350 | 4780 | 144 | 700 | 82,9 | 33,3 |
| | 5700K | 350 | 5547 | 167 | | 82,9 | 33,3 |
| R5428112240 | 2200K | 350 | 4475 | 134 | | 82,9 | 33,3 |
| | 4000K | 350 | 5020 | 150 | | 82,9 | 33,3 |

*Lm output and Vf tolerance : 10%.

UNIVERSAL SCIENCE SRL

VIA ADIGE 30 – 20010 – PREGNANA MILANESE (MI)
Tel. +39.02.94324511 - Fax: +39.02.92893130
www.redilt.it | info@universal-science.eu

