



# ecoLENS VHO GRID

ecoLENS "Very High Output" is our top performance linear LED using 195 lm/watt LED's source.

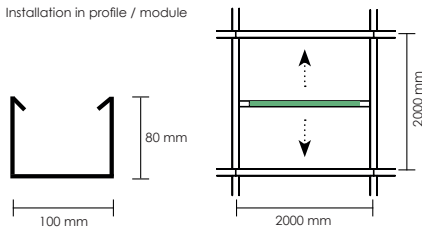
Adapted for installation in grid ceiling with beam dimensions of 80x100 mm c/c 2,0 m. Other grid size on request.

Available with five different optics. Narrow 30°, Medium 60°, Wide 90°, XL-Wide 110°, double asymmetric and single asymmetric.

7-years LED warranty.

|  |  |
|--|--|
| <b>Material</b>                            | Powder painted steel   |
| <b>Colour temp [K]</b>                     | 3000 / 3500 K or 4000 K                                      |
| <b>Design LED life (T<sub>a</sub> 25°)</b> | L90 50 000 h   |
| <b>Max lumen out / watt</b>                | 175 lm/W   |
| <b>Driver lifetime</b>                     | 100 000 h  |
| <b>CRI</b>                                 | +80 (+ 90 on request)  |
| <b>Initial MacAdam</b>                     | 3 SDCM   |
| <b>Lumen range max</b>                     | 10 500 lm  |
| <b>Nominal Voltage</b>                     | 230/240 V, 50 Hz   |
| <b>Form protection</b>                     | IP 20. Class III. CE-approved                                |
| <b>Weight</b>                              | 1,9 kg   |
| <b>Connection</b>                          | 3,5 m cable with 2-pin plug on separate driver<br>On request |
| <b>Dali</b>                                |  |
| <b>Dimensions [mm]</b>                     | L1900 x H50 x B35 mm   |

Installation in profile / module



| Item No.               | Description   | Reflector /Beam   | Colour | Energy consumption | Lumen output        | Colour temperature, CRI | Amount/Fuse 16 A C-type | Amount/Fuse 10 A C-type |
|------------------------|---|-------------------|--------|--------------------|---------------------|-------------------------|-------------------------|-------------------------|
| 221005 830 20 1001 VHO | ecoLENS LED GRID, 830, White, F2x2  | Narrow            | White  | Select driver *    | See selected driver | 3000 K, CRI > 80        | 30                      | 18                      |
| 221005 830 20 1002 VHO | ecoLENS LED GRID, 830, White, F2x2  | Medium            | White  | Select driver *    | See selected driver | 3000 K, CRI > 80        | 30                      | 18                      |
| 221005 830 20 1003 VHO | ecoLENS LED GRID, 830, White, F2x2  | Wide              | White  | Select driver *    | See selected driver | 3000 K, CRI > 80        | 30                      | 18                      |
| 221005 830 20 1004 VHO | ecoLENS LED GRID, 830, White, F2x2  | Double Asymmetric | White  | Select driver *    | See selected driver | 3000 K, CRI > 80        | 30                      | 18                      |
| 221005 830 20 1005 VHO | ecoLENS LED GRID, 830, White, F2x2  | Asymmetric        | White  | Select driver *    | See selected driver | 3000 K, CRI > 80        | 30                      | 18                      |
| 221005 835 20 1001 VHO | ecoLENS LED GRID, 835, White, F2x2  | Narrow            | White  | Select driver *    | See selected driver | 3500 K, CRI > 80        | 30                      | 18                      |
| 221005 835 20 1002 VHO | ecoLENS LED GRID, 835, White, F2x2  | Medium            | White  | Select driver *    | See selected driver | 3500 K, CRI > 80        | 30                      | 18                      |
| 221005 835 20 1003 VHO | ecoLENS LED GRID, 835, White, F2x2  | Wide              | White  | Select driver *    | See selected driver | 3500 K, CRI > 80        | 30                      | 18                      |
| 221005 835 20 1004 VHO | ecoLENS LED GRID, 835, White, F2x2  | Double Asymmetric | White  | Select driver *    | See selected driver | 3500 K, CRI > 80        | 30                      | 18                      |
| 221005 835 20 1005 VHO | ecoLENS LED GRID, 835, White, F2x2  | Asymmetric        | White  | Select driver *    | See selected driver | 3500 K, CRI > 80        | 30                      | 18                      |
| 221005 835 20 1001 VHO | ecoLENS LED GRID, 840, White, F2x2  | Narrow            | White  | Select driver *    | See selected driver | 4000 K, CRI > 80        | 30                      | 18                      |
| 221005 835 20 1002 VHO | ecoLENS LED GRID, 840, White, F2x2  | Medium            | White  | Select driver *    | See selected driver | 4000 K, CRI > 80        | 30                      | 18                      |
| 221005 835 20 1003 VHO | ecoLENS LED GRID, 840, White, F2x2  | Wide              | White  | Select driver *    | See selected driver | 4000 K, CRI > 80        | 30                      | 18                      |
| 221005 835 20 1004 VHO | ecoLENS LED GRID, 840, White, F2x2  | Double Asymmetric | White  | Select driver *    | See selected driver | 4000 K, CRI > 80        | 30                      | 18                      |
| 221005 835 20 1005 VHO | ecoLENS LED GRID, 840, White, F2x2  | Asymmetric        | White  | Select driver *    | See selected driver | 4000 K, CRI > 80        | 30                      | 18                      |
| 224                    | csLED Driver 550-1000 mA, 3,5 m cable and plug (One driver supply 2 pcs of luminaire) |                   |        |                    |                     |                         | 15                      | 9                       |

## Caleidoscope