

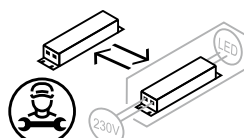
## Aviora FL 595x595/620x620 (Gen2) LV

### SPECIFICATIONS

|                            |   |
|----------------------------|---|
| Item code                  | 595x595 mm (XXX=33C3 / YY=33), 620x620 mm (XXX=27C2 / YY=27) see item specifications  |
| Colour                     | Mat white RAL 9016 (=MW)  |
| Beam angle (FWHM)          | Standard 85° (100° FWTM)  |
| UGR (4H8H 70/50/20)        | <19   |
| Fixture material           | Housing: Steel / Reflector glass: Polycarbonate   |
| Environment                | Indoor  |
| IK rate                    | IK03  |
| Operating temperature (Ta) | -20°C / +45°C <sup>1</sup>  |
| Safety marks               | EN60598 / EN62031 / EN 62471  |
| EMC compliance             | EN55015   |
| Colour consistency (SDCM)  | MacAdam step 3  |
| Warranty                   | 7 years * (within the European Union and the countries of the Free Trade Association for products delivered after 1 May 2015) |
| Energy class               | These products contains a light source of energy efficiency class F (2700-6500K) / F (3000K) / E (4000K)                      |

This luminaire contains built-in LED lamps. There are no exchangeable parts inside the luminaire. EU 874/2012

<sup>1</sup> In applications with a flat roof (fi. car showrooms) the temperatures may exceed 45°C. Please ask our sales office for a special driver.



IP20

**ITEM SPECIFICATIONS (PART A)**

| Description                              | Item code     | Extra     | Input    | W    | Lm   | Lm/W | CRI (typ.) | UGR  | Pf   | Ripple | Inrush current | B-16A Fuse |
|--|---------------|-----------|----------|------|------|------|------------|------|------|--------|----------------|------------|
| Aviora FL Gen2 3100Lm 3000K No dim       | XXXX03MWSXA02 | Incl. PSU | 220-240V | 23,8 | 3100 | 130  | 83         | 14,8 | 0,95 | ≤ 3%   | 5A 50µsec      | 50 pcs     |
| Aviora FL Gen2 3100Lm 3000K 1-10V & Push | XXXX03MWSXE02 | Incl. PSU | 220-240V | 23,8 | 3100 | 130  | 83         | 14,8 | 0,95 | ≤ 3%   | 5A 50µsec      | 50 pcs     |
| Aviora FL Gen2 3100Lm 3000K Dali         | XXXX03MWSXC02 | Incl. PSU | 220-240V | 23,8 | 3100 | 130  | 83         | 14,8 | 0,95 | ≤ 3%   | 5A 50µsec      | 50 pcs     |
| Aviora FL Gen2 4300Lm 3000K No dim       | XXXX03MWSG02  | Incl. PSU | 220-240V | 33,6 | 4300 | 128  | 83         | 16   | 0,95 | ≤ 3%   | 5A 50µsec      | 50 pcs     |
| Aviora FL Gen2 4300Lm 3000K 1-10V & Push | XXXX03MWSM02  | Incl. PSU | 220-240V | 33,6 | 4300 | 128  | 83         | 16   | 0,95 | ≤ 3%   | 5A 50µsec      | 50 pcs     |
| Aviora FL Gen2 4300Lm 3000K Dali         | XXXX03MWSK02  | Incl. PSU | 220-240V | 33,6 | 4300 | 128  | 83         | 16   | 0,95 | ≤ 3%   | 5A 50µsec      | 50 pcs     |
| Aviora FL Gen2 6200Lm 3000K No dim       | XXXX03MWTRO2  | Incl. PSU | 220-240V | 51,0 | 6200 | 122  | 83         | 17,1 | 0,95 | ≤ 3%   | 20A 400µsec    | 15 pcs     |
| Aviora FL Gen2 6200Lm 3000K 1-10V & Push | XXXX03MWTTO2  | Incl. PSU | 220-240V | 51,0 | 6200 | 122  | 83         | 17,1 | 0,95 | ≤ 3%   | 10A 200µsec    | 30 pcs     |
| Aviora FL Gen2 6200Lm 3000K Dali         | XXXX03MWTVO2  | Incl. PSU | 220-240V | 51,0 | 6200 | 122  | 83         | 17,1 | 0,95 | ≤ 5%   | <100mA²s       | 22 pcs     |
| Aviora FL Gen2 3250Lm 4000K No dim       | XXXX03MWSXB02 | Incl. PSU | 220-240V | 23,8 | 3250 | 137  | 83         | 14,9 | 0,95 | ≤ 3%   | 5A 50µsec      | 50 pcs     |
| Aviora FL Gen2 3250Lm 4000K 1-10V & Push | XXXX03MWSXF02 | Incl. PSU | 220-240V | 23,8 | 3250 | 137  | 83         | 14,9 | 0,95 | ≤ 3%   | 5A 50µsec      | 50 pcs     |
| Aviora FL Gen2 3250Lm 4000K Dali         | XXXX03MWSXD02 | Incl. PSU | 220-240V | 23,8 | 3250 | 137  | 83         | 14,9 | 0,95 | ≤ 3%   | 5A 50µsec      | 50 pcs     |
| Aviora FL Gen2 4500Lm 4000K No dim       | XXXX03MWSH02  | Incl. PSU | 220-240V | 33,6 | 4500 | 134  | 83         | 16   | 0,95 | ≤ 3%   | 5A 50µsec      | 50 pcs     |
| Aviora FL Gen2 4500Lm 4000K 1-10V & Push | XXXX03MWSN02  | Incl. PSU | 220-240V | 33,6 | 4500 | 134  | 83         | 16   | 0,95 | ≤ 3%   | 5A 50µsec      | 50 pcs     |
| Aviora FL Gen2 4500Lm 4000K Dali         | XXXX03MWSL02  | Incl. PSU | 220-240V | 33,6 | 4500 | 134  | 83         | 16   | 0,95 | ≤ 3%   | 5A 50µsec      | 50 pcs     |
| Aviora FL Gen2 6500Lm 4000K No dim       | XXXX03MWTSS02 | Incl. PSU | 220-240V | 51,0 | 6500 | 127  | 83         | 17,3 | 0,95 | ≤ 3%   | 20A 400µsec    | 15 pcs     |
| Aviora FL Gen2 6500Lm 4000K 1-10V & Push | XXXX03MWTU02  | Incl. PSU | 220-240V | 51,0 | 6500 | 127  | 83         | 17,3 | 0,95 | ≤ 3%   | 10A 200µsec    | 30 pcs     |
| Aviora FL Gen2 6500Lm 4000K Dali         | XXXX03MWTW02  | Incl. PSU | 220-240V | 51,0 | 6500 | 127  | 83         | 17,3 | 0,95 | ≤ 5%   | <100mA²s       | 22 pcs     |
| Aviora FL 3450Lm 2700-6500K Dali         | YYED03MWS6T02 | Incl. PSU | 220-240V | 26,6 | 3450 | 139  | 83         | 17,2 | 0,9  | ≤ 5%   | < 200mA²s      | 22 pcs     |
| Aviora FL 3450Lm 2700-6500K Casambi      | YYED03MWS6U02 | Incl. PSU | 220-240V | 26,6 | 3450 | 139  | 83         | 17,2 | 0,9  | ≤ 5%   | < 200mA²s      | 22 pcs     |

**ITEM SPECIFICATIONS (PART B)**

| Description                              | Safety class | Energy class | Weight  | Dimensions single carton | Quantity per pallet | Expected lifespan B10 reported (25°C) |             |             |
|--|--------------|--------------|---------|--------------------------|---------------------|---------------------------------------|-------------|-------------|
|  |              |              |         |                          |                     | L70B10                                | L80B10      | L90B10      |
| Aviora FL Gen2 3100Lm 3000K No dim       | II           | F            | 3635 gr | 630x622x80 mm            | 66 pcs              | >54.000 hrs                           | >54.000 hrs | >54.000 hrs |
| Aviora FL Gen2 3100Lm 3000K 1-10V & Push | II           | F            | 3635 gr | 630x622x80 mm            | 66 pcs              | >54.000 hrs                           | >54.000 hrs | >54.000 hrs |
| Aviora FL Gen2 3100Lm 3000K Dali         | II           | F            | 3635 gr | 630x622x80 mm            | 66 pcs              | >54.000 hrs                           | >54.000 hrs | >54.000 hrs |
| Aviora FL Gen2 4300Lm 3000K No dim       | I            | F            | 3635 gr | 630x622x80 mm            | 66 pcs              | >54.000 hrs                           | >54.000 hrs | >54.000 hrs |
| Aviora FL Gen2 4300Lm 3000K 1-10V & Push | II           | F            | 3635 gr | 630x622x80 mm            | 66 pcs              | >54.000 hrs                           | >54.000 hrs | >54.000 hrs |
| Aviora FL Gen2 4300Lm 3000K Dali         | II           | F            | 3635 gr | 630x622x80 mm            | 66 pcs              | >54.000 hrs                           | >54.000 hrs | >54.000 hrs |
| Aviora FL Gen2 6200Lm 3000K No dim       | II           | F            | 3635 gr | 630x622x80 mm            | 66 pcs              | >54.000 hrs                           | >54.000 hrs | >54.000 hrs |
| Aviora FL Gen2 6200Lm 3000K 1-10V & Push | II           | F            | 3635 gr | 630x622x80 mm            | 66 pcs              | >54.000 hrs                           | >54.000 hrs | >54.000 hrs |
| Aviora FL Gen2 6200Lm 3000K Dali         | I            | F            | 3635 gr | 630x622x80 mm            | 66 pcs              | >54.000 hrs                           | >54.000 hrs | >54.000 hrs |
| Aviora FL Gen2 3250Lm 4000K No dim       | II           | E            | 3635 gr | 630x622x80 mm            | 66 pcs              | >54.000 hrs                           | >54.000 hrs | >54.000 hrs |
| Aviora FL Gen2 3250Lm 4000K 1-10V & Push | II           | E            | 3635 gr | 630x622x80 mm            | 66 pcs              | >54.000 hrs                           | >54.000 hrs | >54.000 hrs |
| Aviora FL Gen2 3250Lm 4000K Dali         | II           | E            | 3635 gr | 630x622x80 mm            | 66 pcs              | >54.000 hrs                           | >54.000 hrs | >54.000 hrs |
| Aviora FL Gen2 4500Lm 4000K No dim       | I            | E            | 3635 gr | 630x622x80 mm            | 66 pcs              | >54.000 hrs                           | >54.000 hrs | >54.000 hrs |
| Aviora FL Gen2 4500Lm 4000K 1-10V & Push | II           | E            | 3635 gr | 630x622x80 mm            | 66 pcs              | >54.000 hrs                           | >54.000 hrs | >54.000 hrs |
| Aviora FL Gen2 4500Lm 4000K Dali         | II           | E            | 3635 gr | 630x622x80 mm            | 66 pcs              | >54.000 hrs                           | >54.000 hrs | >54.000 hrs |
| Aviora FL Gen2 6500Lm 4000K No dim       | II           | E            | 3635 gr | 630x622x80 mm            | 66 pcs              | >54.000 hrs                           | >54.000 hrs | >54.000 hrs |
| Aviora FL Gen2 6500Lm 4000K 1-10V & Push | II           | E            | 3635 gr | 630x622x80 mm            | 66 pcs              | >54.000 hrs                           | >54.000 hrs | >54.000 hrs |
| Aviora FL Gen2 6500Lm 4000K Dali         | I            | E            | 3635 gr | 630x622x80 mm            | 66 pcs              | >54.000 hrs                           | >54.000 hrs | >54.000 hrs |
| Aviora FL 3450Lm 2700-6500K Dali         | I            | F            | 3635 gr | 630x622x80 mm            | 66 pcs              | >54.000 hrs                           | >54.000 hrs | >54.000 hrs |
| Aviora FL 3450Lm 2700-6500K Casambi      | I            | F            | 3635 gr | 630x622x80 mm            | 66 pcs              | >54.000 hrs                           | >54.000 hrs | >54.000 hrs |

All values are measured at 230V (+/- 7%)

**CHOOSE YOUR LUMEN OUTPUT**

| Item                   | mA   | W    | Lumen Output |       | Lumen / Watt |       | UGR chrome |       | Driver types |            |         |         |
|------------------------|------|------|--------------|-------|--------------|-------|------------|-------|--------------|------------|---------|---------|
|                        |      |      | 3000K        | 4000K | 3000K        | 4000K | 3000K      | 4000K | No dim       | 1-10V&Push | Dali    | Casambi |
| <b>Standard</b>        | 500  | 23,8 | 3100         | 3250  | 130          | 137   | 14,8       | 14,9  | 127570       | 125421     | 127576  | 127630  |
| <i>Special request</i> | 600  | 28,6 | 3700         | 3900  | 129          | 136   | 15,3       | 15,5  | 127480N      | 125421     | 127490  | 127630  |
| <b>Standard</b>        | 700  | 33,6 | 4300         | 4500  | 128          | 134   | 16,0       | 16,0  | 127480N      | 125421     | 127490  | 127630  |
| <i>Special request</i> | 900  | 43,5 | 5500         | 5800  | 126          | 133   | 16,7       | 16,9  | 122204       | 125421     | ECO560A | x       |
| <b>Standard</b>        | 1050 | 51,0 | 6200         | 6500  | 122          | 127   | 17,1       | 17,3  | 122204       | 127413     | ECO560A | x       |

**DIMENSIONS**

