

## EVALine LED linear lighting Specifications

| EVALine Aqua HE specifications     |  |
|------------------------------------|--|
| Luminaire type                     | IP53 linear lighting - chlorine-resistant  |
| Material                           | Clear anodised aluminium   |
|                                    | PMMA UGR < 19 microprism cover   |
| Luminaire dimensions               | L: 1172 mm   B: 109 mm   H: 100 mm   |
|                                    | L: 2332 mm   B: 109 mm   H: 100 mm   |
| Shock-resistant / ball-proof       | Yes, DIN VDE 0710-13 1981, DIN 18032-3: 1997*  |
| Auto Temperature System (ATS)      | Yes  |
| LED type                           | High-power multi-chip LED array  |
| LED CRI                            | 3000K through 5000K: >84   |
|                                    | 6000K: >98   |
| Colour temperatures                | 3000K: Warm white  |
|                                    | 4000K: Neutral white   |
|                                    | 5000K: Daylight white  |
|                                    | 6000K: Full spectrum   |
| Luminous efficacy system (+/- 10%) | 3000K: 116 Lm/W  |
|                                    | 4000K: 120 Lm/W  |
|                                    | 5000K: 135 Lm/W  |
|                                    | 6000K: 120Lm/W   |
| Active power factor correction     | >0,95  |
| Constant light output              | Yes  |
| Flicker-free                       | Yes  |
| Input voltage AC                   | 220 / 240  |
| Input voltage DC                   | 110 / 127  |
| Control technology                 | DALI   |
| Protection measures                | Short-circuit overload, overvoltage, SELV equivalent, Class 2 output, double insulation. |
| Options                            | Emergency units, daylight sensors  |
| Lifespan                           | 50,000 hours L90 / B50   |
| Warranty                           | 4 years  |

### EVALine Aqua HE placement

|                                  |   |
|----------------------------------|---|
| Application                      | Swimming pools                          |
| Mounting zone                    | Above zone 1 or 2 - Not in zone 1 or 2! |
| Maximum ambient temperature      | 45 °C                                   |
| Harmonic distortion              | < 8%                                    |
| Power supply ambient temperature | -20 °C to 45 °C                         |

## EVALine LED linear lighting Models

| Modular system      | Power in Watts | Length in cm | Dimming | Number of drivers | Details                          |
|---------------------|----------------|--------------|---------|-------------------|----------------------------------|
| V4A-233LM-xxC-ASyy  | 120            | 233.2        | DALI    | 2                 | asymmetrical 30° or 40°          |
| V4A-233LM-xxCH-ASyy | 60             | 233.2        | DALI    | 1                 | asymmetrical 30° or 40°          |
| V4A-233LM-xxCH-EW   | 120            | 233.2        | DALI    | 2                 | symmetrical, extra wide (2x 40°) |
| V4A-233LM-xxCH-W    | 60             | 233.2        | DALI    | 1                 | symmetrical wide                 |
| V4A-233LM-xxC-W     | 120            | 233.2        | DALI    | 2                 | symmetrical wide                 |
| V4A-120LM-xxC-ASyy  | 60             | 117.2        | DALI    | 1                 | asymmetrical 30° or 40°          |
| V4A-120LM-xxCH-ASyy | 30             | 117.2        | DALI    | 1                 | asymmetrical 30° or 40°          |
| V4A-120LM-xxCH-EW   | 60             | 117.2        | DALI    | 1                 | symmetrical, extra wide (2x 40°) |
| V4A-120LM-xxCH-W    | 30             | 117.2        | DALI    | 1                 | symmetrical wide                 |
| V4A-120LM-xxC-W     | 60             | 117.2        | DALI    | 1                 | symmetrical wide                 |

| Fixtures           | Power in Watts | Length in cm | Dimming | Number of drivers | Details                          |
|--------------------|----------------|--------------|---------|-------------------|----------------------------------|
| V4A-F233-xxC-ASyy  | 120            | 233.2        | DALI    | 2                 | asymmetrical 30° or 40°          |
| V4A-F233-xxCH-ASyy | 60             | 233.2        | DALI    | 1                 | asymmetrical 30° or 40°          |
| V4A-F233-xxCH-EW   | 120            | 233.2        | DALI    | 2                 | symmetrical, extra wide (2x 40°) |
| V4A-F233-xxCH-W    | 60             | 233.2        | DALI    | 1                 | symmetrical wide                 |
| V4A-F233-xxC-W     | 120            | 233.2        | DALI    | 2                 | symmetrical wide                 |
| V4A-F120-xxC-ASyy  | 60             | 117.2        | DALI    | 1                 | asymmetrical 30° or 40°          |
| V4A-F120-xxCH-ASyy | 30             | 117.2        | DALI    | 1                 | asymmetrical 30° or 40°          |
| V4A-F120-xxCH-EW   | 60             | 117.2        | DALI    | 1                 | symmetrical, extra wide (2x 40°) |
| V4A-F120-xxCH-W    | 30             | 117.2        | DALI    | 1                 | symmetrical wide                 |
| V4A-F120-xxC-W     | 60             | 117.2        | DALI    | 1                 | symmetrical wide                 |

xx

Enter the desired colour temperature here. You can choose from 30 for 3000K, 40 for 4000K, 50 for 5000K and 60 for 6000K.

yy

Enter the desired asymmetrical beam angle here. You can choose from 30° or 40°.

#### \*Tested, certified and ready for use

The new LED linear lighting line has been extensively tested by DEKRA, an international product testing and certification body, with a ball-proof certification (DIN VDE 0710-13 1981, DIN 18032-3: 1997) and a UGR-value of < 19, a valuable confirmation of the quality, safety and lifespan of this innovative lighting solution.