

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.