3D-BENDING FLEXIBLE LED WALL WASHER · INDOOR / OUTDOOR · SURFACE, CLIPS OR ALUMINIUM PROFILE

VELA

MK-WW-VEL-10



VELA is a flexible wall washer that bends in three dimensions, so a precise lens on every LED can follow curved façades, columns and canopies. Four optics, 15°, 30°, 45° and an elliptical 10 × 30°, wash or graze the surface from 50 to 300 mm away. It gives 1,350 lm/m at 18 W/m with CRI of 90 or more, sealed in anti-UV PU to IP68.

IP68 · 5-YEAR WARRANTY · 3D BENDING · LENS PER LED · FOUR OPTICS INCL. 10×30° · CRI ≥90

18 W/m	1,350 lm/m	75 lm/W	2700–6500 K	≥90	IP68
SYSTEM POWER	LUMINOUS FLUX	EFFICACY	CCT	CRI	PROTECTION

OPTICAL

	7
Luminous flux	1,350 lm/m
Luminaire efficacy	75 lm/W
CCT	2700K / 3000K / 4000K / 6500K
CRI	≥90
Beam angle	15° 30° 45° 10×30°
Optic / diffuser	Precision lens per LED
LED source	SMD2835, 36 LEDs/m

ELECTRICAL

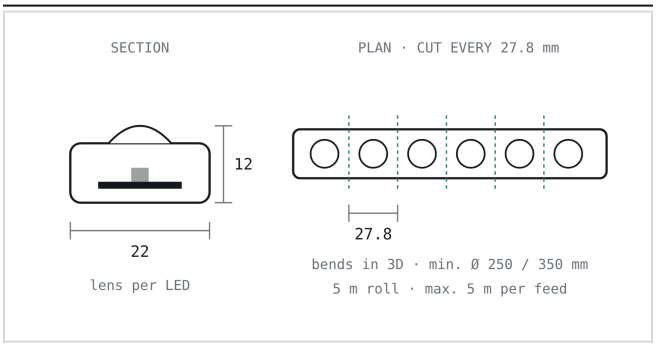
	4
System power	18 W/m
Input voltage	24 V DC constant voltage
Driver	External 24 V DC CV supply (order separately)
Control	ON / OFF

MECHANICAL

	4
Mounting	Surface, clips or aluminium profile
Housing	Anti-UV PU-encapsulated flexible PCB
Dimensions	22 × 12 mm
Cable / connection	185 mm leads, one or both ends

DIMENSIONS

MM



22 × 12 mm

OPTICS



ENVIRONMENT

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IP rating	IP68
Warranty	5 Years

VELA

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ORDERING CODE

MK-WW-VEL-10	CCT	Beam	Length	Feed

CCT		BEAM		LENGTH		FEED	
27	2700K	15	15°	01	1 m	1E	One end
30	3000K	30	30°	02	2 m	2E	Both ends
40	4000K	45	45°	03	3 m		
65	6500K	1030	10×30°	04	4 m		
				05	5 m		

Example **MK-WW-VEL-10-27-15-01-1E**

FURTHER DATA 7

Cutting pitch	Every 27.8 mm (1 LED)
Min. bending diameter	250 mm vertical / 350 mm horizontal
Lengths	1–5 m factory-made (N × 28 + 22 mm), 5 m roll
Max. run per feed	5 m
Current	0.75 A/m
Distance from wall	50–300 mm
Lumen depreciation	<5% after 1,200 h

INSTALLATION

- Installation by qualified personnel only
- Do not bend tighter than 250 mm (vertical) or 350 mm (horizontal) diameter
- Observe polarity; do not connect runs in series
- Fix with clips, or press into an aluminium profile; aim the lenses at the wall

ACCESSORIES

- Mounting clips (supplied)
- Aluminium mounting profile (option)
- 24 V DC constant-voltage supply (order separately)