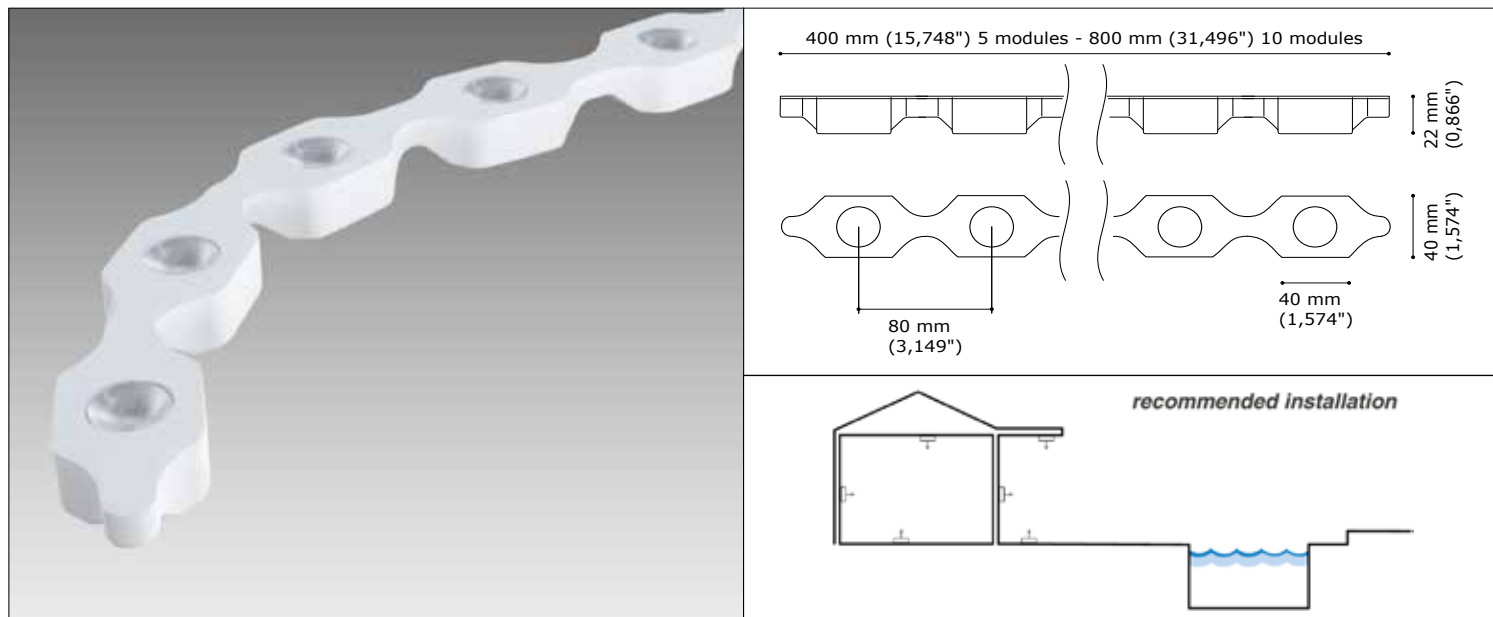


VERTEBRA MONOCHROMATIC DATA-SHEET



PRODUCT DESCRIPTION:

Professional flexible linear lighting for indoor and outdoor settings.
Body completely realized in resin and aluminium. UV resistance of all materials.

TECHNICAL FEATURES:

Materials	Resins ; aluminium
Power Supply	24 Vdc constant voltage
Power	9 W x 5 modules ; 18 W x 10 modules
Light Source	Power LED 118-130 lm/W LM 80 COMPLIANT
Colour Temperature	3000 K ; 4000 K
Ra	>80
Chromatic selection	MacAdam 3-step
Lifetime	> 50000 h (TM21 L80 B10 @50000h)
Optics	10° Narrow beam, 30° medium beam, 45° Wide beam, 54°x12° Elliptical
Lumen output	1600 lm/m
Tc body	< 75 °C (167 °F)
Ta operating temperature	- 25 ÷ 50 °C * (-13 ÷ 122 °F) *for UL/CUL max 35 °C elevated ambient
Ts surface temperature	≤ 65 °C (149 °F)
Ti installation temperature	0 ÷ 40 °C (32 ÷ 104 °F)
Functions	On/Off ; dimmable
Line length limit	maximum running length 4 m (13,123 ft)
Cable IN	AWM style 20233 2x0,75mm ² (AWG18) Red;Black + 1x0,5mm ² (AWG20) Violet Ø 6,2 mm(0,244") L. 0,5 m (1,64ft).
Cable OUT	AWM style 20233 2x0,75mm ² (AWG18) Red;Black + 1x0,5mm ² (AWG20) Violet Ø 6,2 mm(0,244") L. 0,5 m (1,64ft).
Weight	400 g (14,11 oz) 5 modules ; 800 g (28,22 oz) 10 modules
Installations	Surface (floor, wall, ceiling)
Norms	60598-1 ; 60598-2 and its parts ; UL 676 ; CSA C22.2 No. 89-15 ; UL 2108 ; UL 1598/C250.-08



NOTE:

Power supplies, control&dimming devices and fixing kits must to be orderd separately. Aldabra power supply consumption is equal to 15% of the fixture nominal power.

Photometric data available at www.aldabra.it

Specifications are subject to change without notice.

www.aldabra.it

VERTEBRA MONOCHROMATIC

DATA-SHEET

GENERAL FEATURES:

	power W	length mm (in)	pitch mm (in)
VER.01.XXXXX.X	9	400 (15,748")	80 (3,149")
VER.02.XXXXX.X	18	800 (31,496")	80 (3,149")

OPTICAL FEATURES:

VER.XX.MXXXX.X	Narrow beam 10°
VER.XX.FXXXX.X	Medium beam 30°
VER.XX.WXXXX.X	Wide beam 45°
VER.XX.EXXXX.X	Elliptical 54°x12°

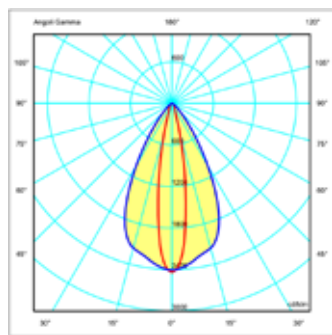
LED FEATURES:

	Power LED	lm* VER.01	lm* VER.02	Ra	Chromatic selection
VER.XX.X30XX.X	3000 K warm white	619	1238	>80	MacAdam 3-step
VER.XX.X40XX.X	4000 K neutral white	619	1238	>80	MacAdam 3-step

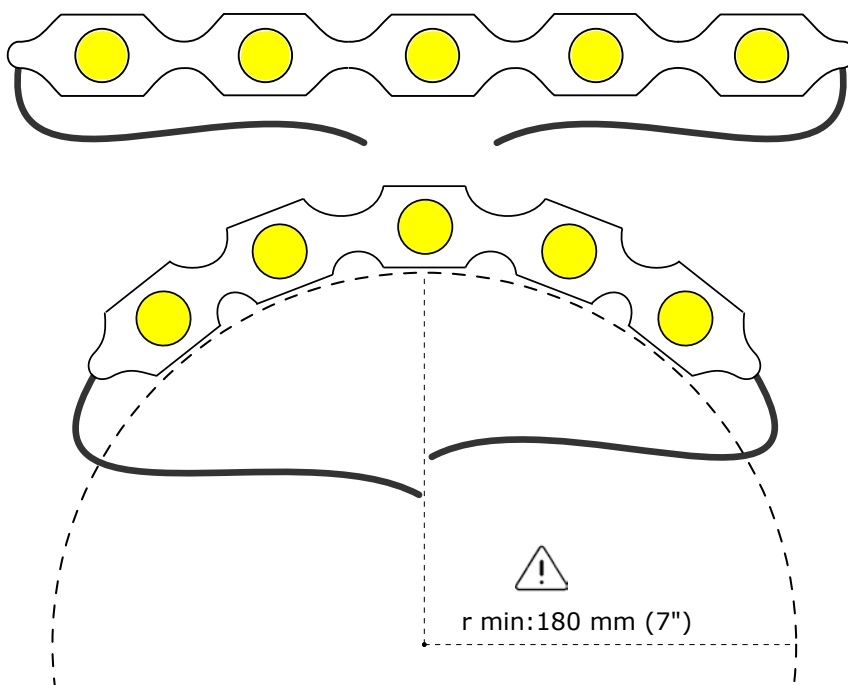
*delivered luminous flux (narrow beam)

FINISHES FEATURES:

VER.XX.XXXW1.X	Matt white
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elliptical 54°x12°



GENERAL INFORMATIONS:

Kindly note that atmospheric agents (such as lightnings, etc) , electrostatics charges or disturbances on the installation not caused by Aldabra lighting fixtures and Led drivers indicated by Aldabra itself, may cause damages on the fixtures. It is necessary that the electrical installation where the LED lighting fittings and their power supply units and control gears are installed must be equipped with proper devices for the protection and suppression of transient phenomena (SPD, isolation transformer, etc...). Such devices must be coordinated with the other protections of the installation; on this theme, it's necessary to refer to the electrical installations norms which are in force in each country.

ALDABRA

PROFESSIONAL EXTERIOR LIGHTING

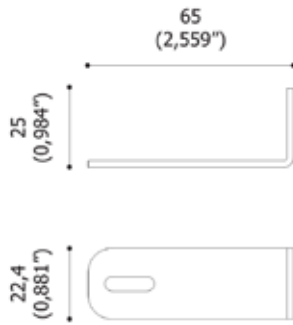
VERTEBRA MONOCHROMATIC

DATA-SHEET

ACCESSORIES:

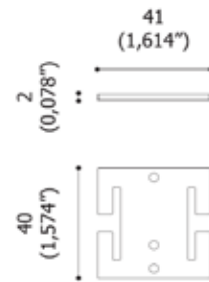
ACC.0207.0

Fixing kit long bracket + screws
(single)



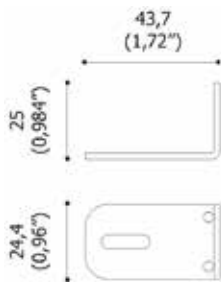
ACC.0221.0

Fixing plate for 25 mm belt - 5 pieces
package



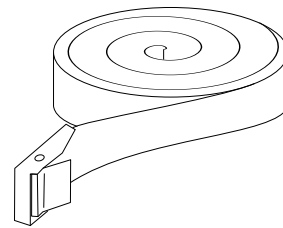
ACC.0199.0

Fixing kit short bracket + screws
(single)



ACC.0265.0

Tie down strap L.3000 x 25 mm
(118,11" x 0,984")



Product code	Code	Release date	Product	Power	Supply	CCT	Optics	lux (lm) *tj=25 **	Fixture Flux (lm)
VER.01.E30W1.0	VER.01.E30W1.0	11/4	Vertebra	9W	24V	3000 K	Elliptical lens	693,00**	534,44
VER.01.E40W1.0	VER.01.E40W1.0	11/4	Vertebra	9W	24V	4000 K	Elliptical lens	693,00**	534,44
VER.01.M30W1.0	VER.01.M30W1.0	11/4	Vertebra	9W	24V	3000 K	Lens 10°	693,00**	618,65
VER.01.M40W1.0	VER.01.M40W1.0	11/4	Vertebra	9W	24V	4000 K	Lens 10°	693,00**	618,65
VER.01.F30W1.0	VER.01.F30W1.0	11/4	Vertebra	9W	24V	3000 K	Lens 30°	693,00**	617,63
VER.01.F40W1.0	VER.01.F40W1.0	11/4	Vertebra	9W	24V	4000 K	Lens 30°	693,00**	617,63
VER.01.W30W1.0	VER.01.W30W1.0	11/4	Vertebra	9W	24V	3000 K	Lens 45°	693,00**	548,93
VER.01.W40W1.0	VER.01.W40W1.0	11/4	Vertebra	9W	24V	4000 K	Lens 45°	693,00**	548,93