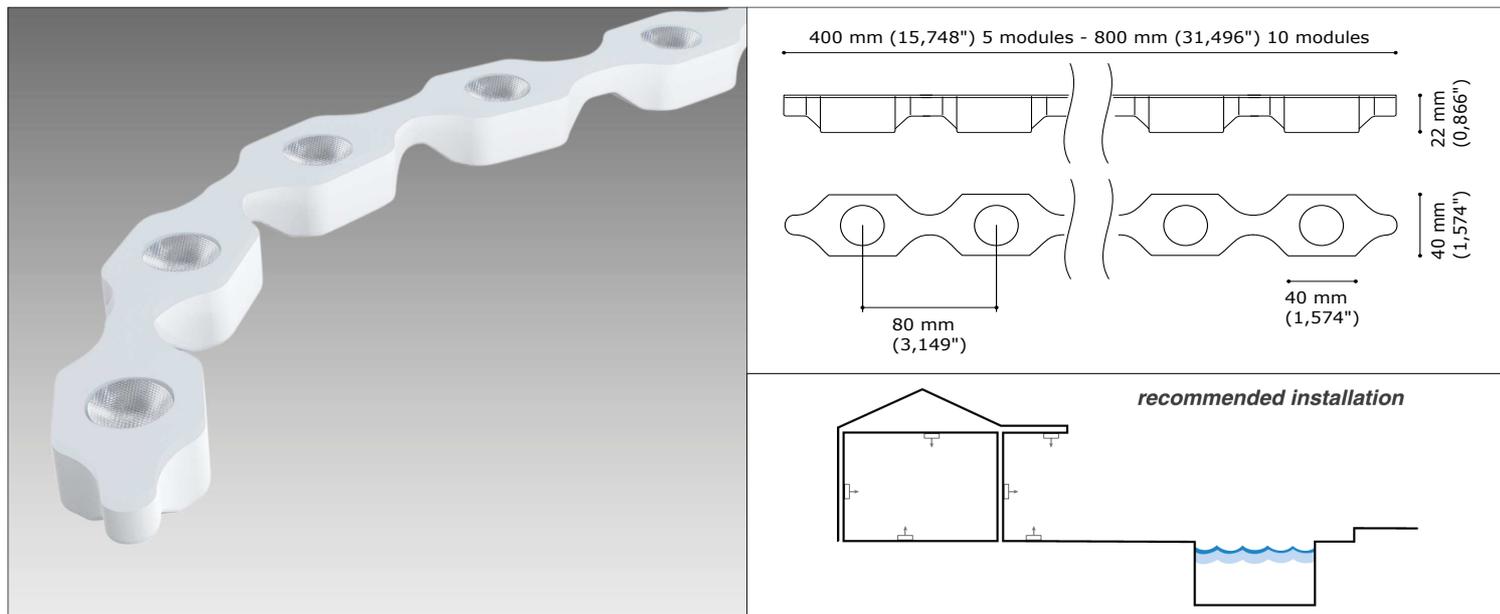


# ALDABRA

PROFESSIONAL EXTERIOR LIGHTING

## 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:

<b>Materials</b>	Resins ; aluminium
<b>Power Supply</b>	24 Vdc constant voltage
<b>Power</b>	9 W x 5 modules ; 18 W x 10 modules
<b>Light Source</b>	Power LED 118-130 lm/W
<b>Colour Temperature</b>	3000 K ; 4000 K
<b>Ra</b>	>80
<b>Chromatic selection</b>	MacAdam 3-step
<b>Lifetime</b>	> 50000 h (TM21)
<b>Optics</b>	10° Narrow beam, 30° medium beam, 45° Wide beam, 54°x12° Elliptical
<b>Lumen output</b>	1600 lm/m
<b>Tc body</b>	< 75 °C (167 °F)
<b>Ta operating temperature</b>	- 25 ÷ 50 °C * (-13 ÷ 122 °F) *for UL/CUL max 35 °C elevated ambient
<b>Ts surface temperature</b>	≤ 65 °C (149 °F)
<b>Ti installation temperature</b>	0 ÷ 40 °C (32 ÷ 104 °F)
<b>Functions</b>	On/Off ; dimmable
<b>Line length limit</b>	maximum running length 4 m (13,123 ft)
<b>Cable IN</b>	AWM style 20233 2x0,75mm <sup>2</sup> (AWG18) Red;Black + 1x0,5mm <sup>2</sup> (AWG20) Violet Ø 6,2 mm(0,244") L. 0,5 m (1,64ft).
<b>Cable OUT</b>	AWM style 20233 2x0,75mm <sup>2</sup> (AWG18) Red;Black + 1x0,5mm <sup>2</sup> (AWG20) Violet Ø 6,2 mm(0,244") L. 0,5 m (1,64ft).
<b>Weight</b>	400 g (14,11 oz) 5 modules ; 800 g (28,22 oz) 10 modules
<b>Installations</b>	Surface (floor, wall, ceiling)
<b>Norms</b>	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](http://www.aldabra.it)

Specifications are subject to change without notice.

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#### GENERAL FEATURES:

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

#### OPTICAL FEATURES:

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

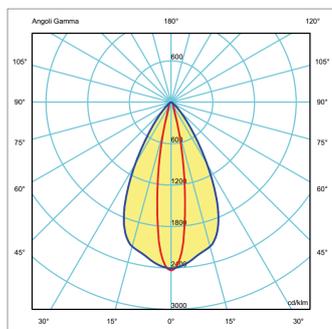
#### LED FEATURES:

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

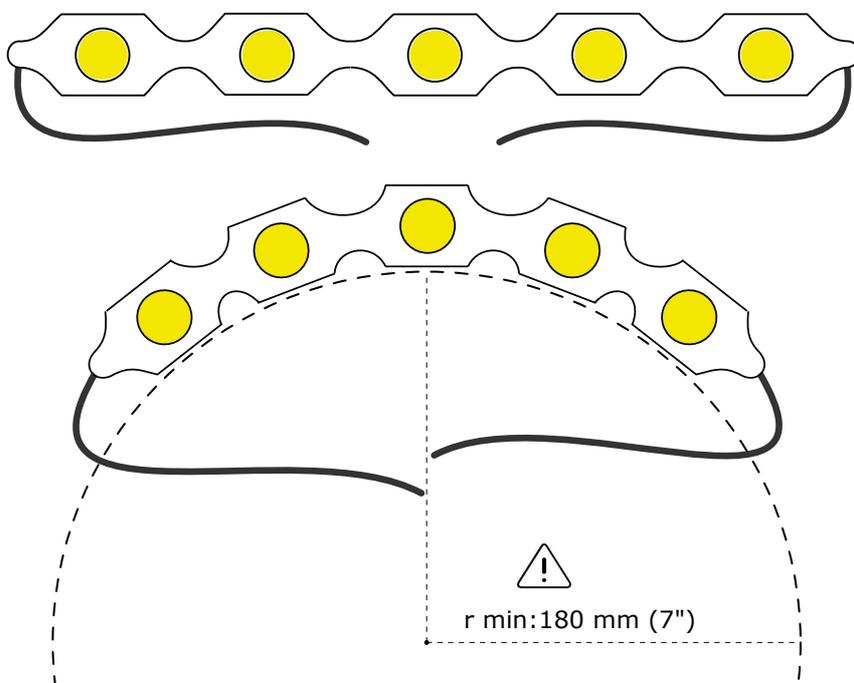
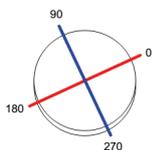
\*delivered luminous flux (narrow beam)

#### FINISHES FEATURES:

<b>VER.XX.XXXW1.X</b>	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 to 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.

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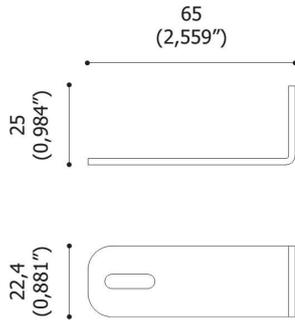
## VERTEBRA MONOCHROMATIC

### DATA-SHEET

#### ACCESSORIES:

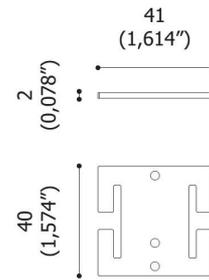
##### ACC.0207.0

Fixing kit long bracket + screws  
(single)



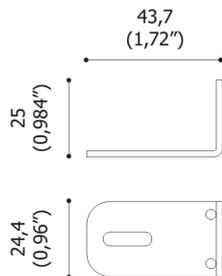
##### ACC.0221.0

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")

