

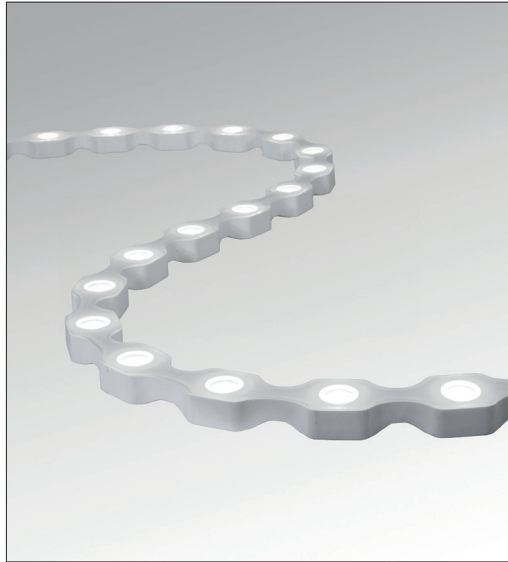
VERTEBRA - Monochromatic

Power LED 24 Vdc - Pitch 80 mm - Bus on Board

ALDABRA
LUCE CONTEMPORANEA

Submittal

Project: _____ Date: _____
 Product Type: _____ Product Code: _____
 Ordering Info: _____



Product Description

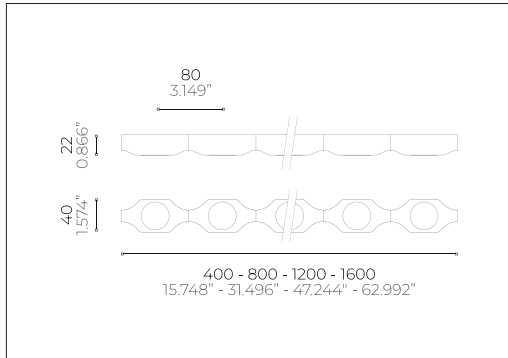
Professional surface-mounted lighting systems with a flexible and minimal design, featuring high-efficiency power LEDs with various optics available. Suitable for indoor and outdoor environments. Fully made of UV-resistant nanopolymer resin with a glass-like finish, providing lens protection to prevent distortion of the light output.



Light Source

Light Source	Power LED LM 80 COMPLIANT
Colour Temperature (CCT) !	3000K; 4000K
Pitch	80 mm (3.14")
Cutting Pitch	400 mm (15.75")
Power	22,5 W/m (6.9 W/ft)
Colour Rendering Index	> 90
Chromatic Selection	Mac Adam 3-Step
Light Source Efficiency	lm/W
Fixture Luminous Flux	lm/m (lm/ft)
LED Type	_____

Technical Drawing



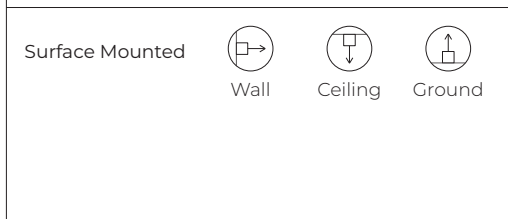
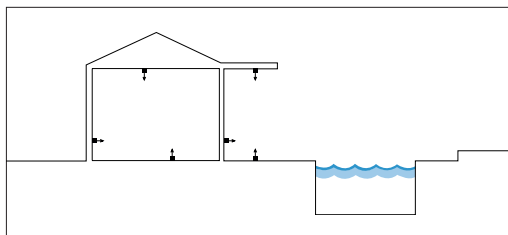
Power Supply

Voltage	24 Vdc Constant Voltage
Dimming	PWM
Dimming Systems Compatibility	0-10V; 1-10V; DALI; DMX
Driver	Remote

Fixture

Materials	Resin
Body Finishes !	Matt White
Weight	2100 g/m (1.411 lb/ft)
Power Supply Cable	1m (3,28ft) - 2xAWG18 (Red;Black) + 1xAWG20 (Violet)
Optics !	Narrow 10°; Medium 30°; Wide 45°; Elliptical 54° x 12°
Diffusers	_____
Screens	_____

Installations



Temperature and Durability

LED Lifetime T_a 25°C	> 50000 h (TM21 L80 B10 @50000 h)
Fixture Lifetime	> 50000 h
T_a Performance	25°C (77°F)
T_a Operative	-30 ÷ 50 °C (-22 ÷ 122 °F)
Body Temperature	< 90 °C (194 °F)
Surface Temperature	≤ 65 °C (149 °F)

Installation

Electrical Insulation Class	III
IP Protection Degrees	IP66; IP67
Impact Resistance	IK10
Driveability	_____
Walkability	_____
Certifications	CE; UL listed
Normative	EN60598-1; EN60598-2 and its parts; UL 676; CSA C222 No. 89-15; UL 2108; UL 1598/C250-08

! Note: contact the factory for custom CCT, optics, finishes and lengths



750°C

AQA STOPLEX

A A+ A++

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.
 - Specifications are subject to change without notice. - Photometric data available at www.aldabra.it - Aldabra, all rights reserved.

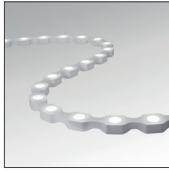
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Part Number

example: VER.01.M30W1.0



Length & Power ¹

- VER.01** 400 mm / 1.312 ft - 9 W
- VER.02** 800 mm / 2.624 ft - 18 W
- VER.03** 1200 mm / 3.937 ft - 24 W
- VER.04** 1600 mm / 5.249 ft - 36 W

Optical Features ¹

- .M** Narrow Beam 10°
- .F** Medium Beam 30°
- .W** Wide Beam 45°
- .E** Elliptical Optics 54°x12°

CCT ¹

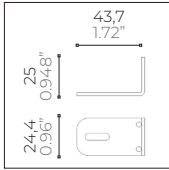
- 30** 3000K
- 40** 4000K

Finishes ¹

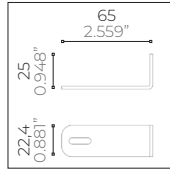
- W1.0** Matt White

Notes: _____

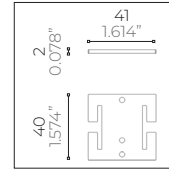
Surface Mounted Installation Accessories



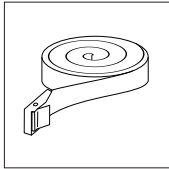
- ACC.0199.0**
Fixing Kit Short Bracket +
Screws (single)



- ACC.0207.0**
Fixing Kit Long Bracket +
Screws (single)



- ACC.0221.0**
Fixing Plate for 25 mm Belt
- 5 pieces package



- ACC.0265.0**
Tie Down Strap
L. 3000 x 25 mm
118.11" x 0.984"

Generic Accessories



- ACC.0005.0**
IP68 Waterproof connection
box with gel
4 channels - 3 poles

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.