FLEXI SIDE 12E - DWS Tunable White

Mid Power LED 24 Vdc - 5,5 mm Pitch - Extruded External Body

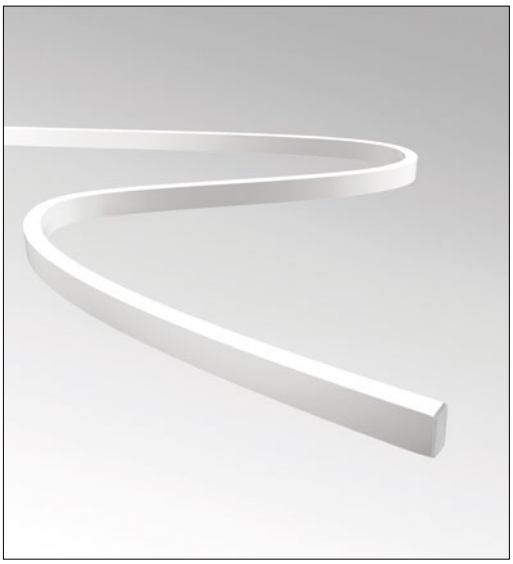
ALDABRA LUCE CONTEMPORANEA

Submittal

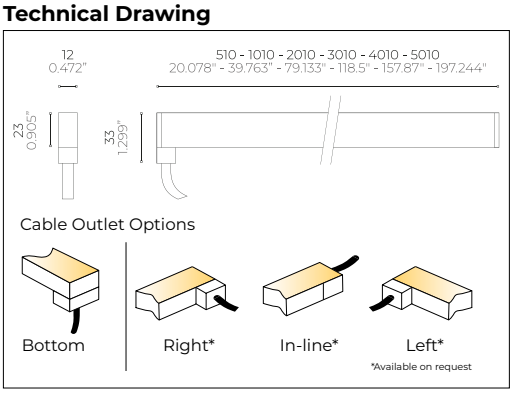
Project: _____ Date: _____

Product Type: _____ Product Code: _____

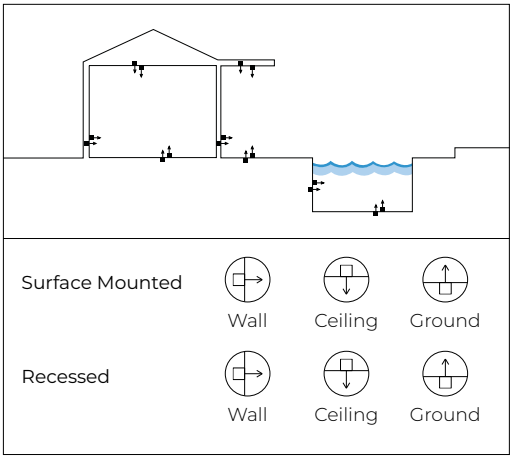
Ordering Info: _____



Technical Drawing



Installations



Product Description

Professional recessed lighting luminaires for floor or wall installation using special flexible stainless steel recessing box or surface installation using stainless steel springs, for direct or indirect illumination or signage in side or top versions. Suitable for indoor, outdoor and underwater applications. Entirely made of UV-resistant nanopolymer resin, available in different versions with transparent or opal diffusers, providing fully homogenous light output.

IP66 IP68 IK08 CE

Light Source

Light Source	Mid Power LED LM 80 COMPLIANT
Colour Temperature (CCT) !	DWS - Tunable White (3200K/8500K)
Pitch	5,5 mm (0.216")
Cutting Pitch	38,5 mm (1.515")
Power	20 W/m (6.097 W/ft)
Colour Rendering Index	> 90
Chromatic Selection	Mac Adam 2-Step
Light Source Efficiency	lm/W
Fixture Luminous Flux	lm/m (lm/ft)
LED Type	____

Power Supply

Voltage	24 Vdc Constant Voltage
Dimming	PWM
Control Systems Compatibility	DALI; DMX
Driver	Remote

Fixture

Materials	Nanopolymer Resin
Body Finishes !	Matt White
Weight	300 g/m (0.201 lb/ft)
Power Supply Cable	1m (3,28ft) - 2xAWG18 (Red;Black) + 3xAWG20 (R/b, G/b, B/b)
Optics !	____
Diffusers	Opal; Transparent
Screens	____

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; IP68
Impact Resistance	IK08
Driveability	____
Walkability	____
Certifications	CE
Normative	EN60598-1 ; EN60598-2 and its parts

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

650°C AQA STOP FLEX 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.

10405.180225

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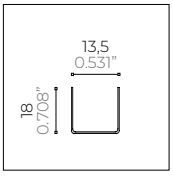
Part Number

example: FLX.68.T98W1.1

Lenght & Power !		Optical Features !		CCT !		Finishes !	
☐ **FLX.63**	510 mm / 1.67 ft - 10 W	☐ **.D**	Opal Diffuser	☐ **98**	DWS	☐ **W1.1**	Matt White
☐ **FLX.64**	1010 mm / 3.31 ft - 20 W	☐ **.T**	Transparent Diffuser				
☐ **FLX.66**	2010 mm / 6.59 ft - 40 W						
☐ **FLX.68**	3010 mm / 9.87 ft - 60 W						
☐ **FLX.70**	4010 mm / 13.15 ft - 80 W						
☐ **FLX.72**	5010 mm / 16.43 ft - 100 W						

Notes:

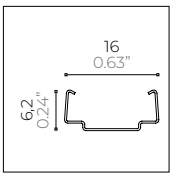
Recessing Box



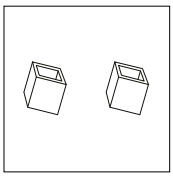
Type A **Flexible Modular Connectable/Cuttable Stainless Steel Recessing Box**

☐ **CSF.0114.0** 514 mm / 1.686 ft

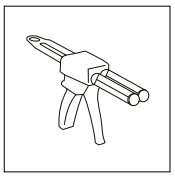
Surface Mounted Installation Accessories



☐ **ACC.0189.0**
Fixing Springs for Flexi 12P/E
- 5 pieces package



☐ **ACC.0275.0**
Sealing Kit for Flexi
- 5 pieces package



☐ **ACC.0360.0**
Sealing Gun for Flexi

☐ **ACC.0361.0**
Sealing Cartridge for Flexi
12P/E

Generic Accessories

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

General Informations:

Kindly note that athmospheric 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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