

SAX Symmetric - RGB

Mid Power LED 24 Vdc - Pitch 13,9 mm

ALDABRA
LUCE CONTEMPORANEA

Submittal

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



Product Description

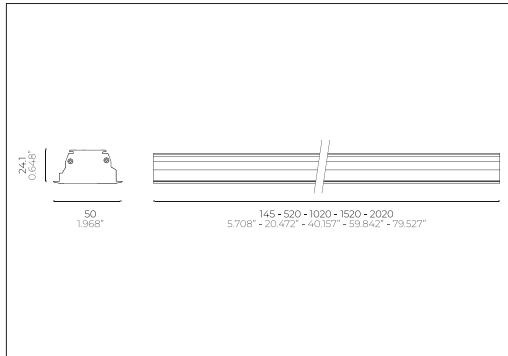
Professional modular recessed linear lighting systems for symmetric or asymmetric illumination. Suitable for indoor, outdoor and underwater applications. Made of extruded aluminum alloy UNI 6060 with a natural anodized finish, and UV-resistant nanopolymer resin that ensures a complete waterproofing and a glasslike finish.



Light Source

Light Source	Mid Power LED LM 80 COMPLIANT
Colour Temperature (CCT) !	RGB
LED Pitch	13,9 mm (0,547")
Board LED Cutting Pitch	83,4 mm (3,28")
Power	17,3 W/m (5,274 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



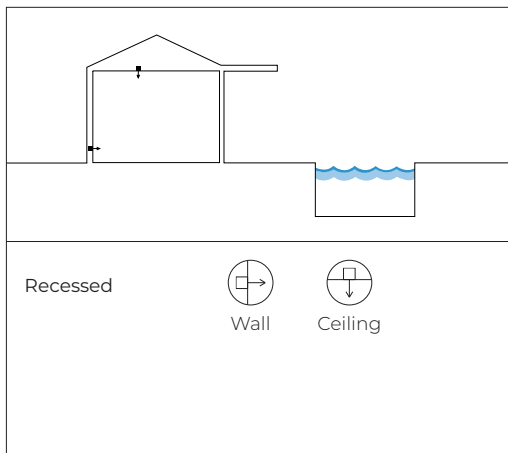
Power Supply

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

Fixture

Materials	Aluminium Anticorodal EN AW-6060; Resin
Body Finishes !	Anodized Aluminium
Weight	650 g/m (0.436 lb/ft)
Power Supply Cable	1m (3,28ft) - 2xAWG18 (Red;Black) + 3xAWG20 (R/b; G/b; B/b)
Optics !	_____
Diffusers	Satin
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	IP40
Impact Resistance	IK05
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

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.

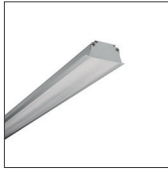
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Part Number

example: **SAX.13.D90A1.0**



Length & Power ¹

- SAX.13** 520 mm / 1.706 ft - 8,7 W
- SAX.14** 1020 mm / 3.350 ft - 17,3 W
- SAX.15** 1520 mm / 4,986 ft - 26 W
- SAX.16** 2020 mm / 6,627 ft - 34,6 W

Optical Features ¹

- .D** Satin Diffuser

CCT ¹

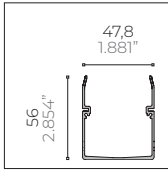
- 90** RGB

Finishes ¹

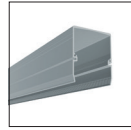
- A1.0** Anodized Aluminium

Notes: _____

Recessing Box



Type A Anodized Aluminium Trimless Recessing Box

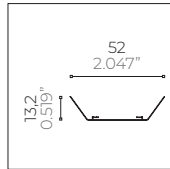


- CSF.0073.0** 520 mm / 1.706 ft
- CSF.0074.0** 1020 mm / 3.350 ft
- CSF.0075.0** 1520 mm / 4,986 ft
- CSF.0076.0** 2020 mm / 6,627 ft

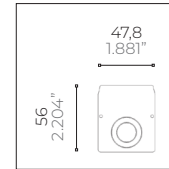
Recessed Installation Accessories



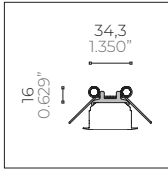
- ACC.0003.0**
Alignment kit for recessing box



- ACC.0070.0**
Fixing spring for recessing box and shelf for Sax



- ACC.0075.0**
Couple of end caps for for recessing box for Sax type A



- ACC.0079.0**
Fixing spring for false ceiling for Sax

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.