

X-TREME L23 Aluminium - RGB

Mid Power LED 24 Vdc - 13,9 mm Pitch

ALDABRA
LUCE CONTEMPORANEA

Submittal

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



Product Description

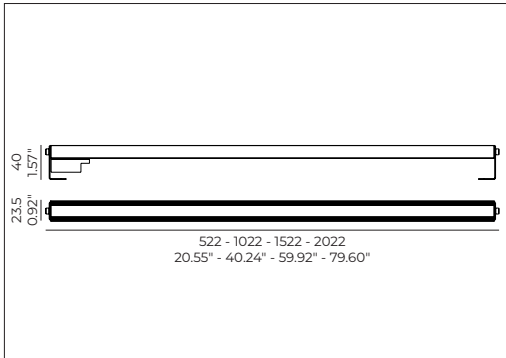
Professional lighting systems linear recessed for floor or wall installation, using a special housing box or surface mounting with adjustable supports for direct or indirect lighting. Suitable for indoor, outdoor and underwater applications. Made of UNI 6060 natural anodized extruded aluminum alloy or AISI 316L stainless steel, with nanopolymer resin that guarantees complete impermeability and glass-like transparency, perfect light uniformity and optics protection to prevent distortions in the light emission.



Light Source

Light Source	Mid Power LED
Colour Temperature (CCT) !	RGB
Pitch	13,9 mm (0.547")
Cutting Pitch	83,4 mm
Power	17,3 W/m (5.27 W/ft)
Colour Rendering Index	> 50
Chromatic Selection	Mac Adam 3-Step
Light Source Efficiency	43 lm/W
Fixture Luminous Flux	lm/m (lm/ft)
LED Type	SMD2050

Technical Drawing



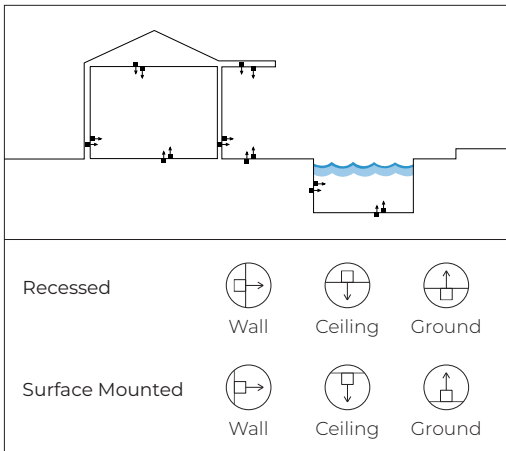
Power Supply

Voltage	24 Vdc Constant Voltage
Dimming	PWM
Dimming Systems Compatibility	DALI-2; DMX
Driver	Remote

Fixture

Materials	Aluminium Anticorodal EN AW-6060; Resin
Body Finishes !	Matt Anodized Aluminium-Opal; Black Anodized Aluminium-Opal
Weight	_____ g/m (_____ lb/ft)
Power Supply Cable	1m (3,28ft) - 2xAWG18 (Red;Black) + 3xAWG20 (R/b, G/b, B/b)
Optics !	_____
Diffusers	Opal Diffuser
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	IP68
Impact Resistance	IK10
Driveability	_____
Walkability	_____
Certifications	CE
Normative	EN60598-1; EN60598-2 and its parts

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



750°C

AQA STOP FLEX

A A+ A++

Note:

- Power supplies, control&dimming devices and fixing kits must be 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.

X-TREME L23 Aluminium - RGB

Mid Power LED 24 Vdc - 13,9 mm Pitch

ALDABRA
L U C E C O N T E M P O R A N E A

Part Number

example: **XTR.15.D90A1.0**



Length & Power ¹

- ☐ **XTR.15** 522 mm / 1.71 ft - 8,7 W
- ☐ **XTR.16** 1022 mm / 3.35 ft - 17,3 W
- ☐ **XTR.17** 1522 mm / 4.99 ft - 26 W
- ☐ **XTR.18** 2022 mm / 6.63 ft - 34,6 W

Optical Features ¹

- ☐ **.D** Opal Diffuser

CCT ¹

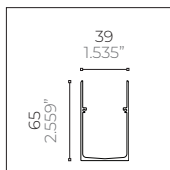
- ☐ **90** RGB

Finishes ¹

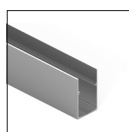
- ☐ **A1.0** Matt Anodized Aluminium
- ☐ **B3.0** Black Anodized Aluminium

Notes: _____

Recessing Box



Type A Anodized Aluminium Trimless Recessing Box

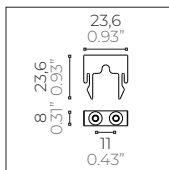


- ☐ **CSF.0126.0** 540 mm / 21.259" for X-Treme L23 in anodized aluminium 20 micron
- ☐ **CSF.0127.0** 1040 mm / 40.944" for X-Treme L23 in anodized aluminium 20 micron
- ☐ **CSF.0128.0** 1540 mm / 60.629" for X-Treme L23 in anodized aluminium 20 micron
- ☐ **CSF.0129.0** 2040 mm / 80.315" for X-Treme L23 in anodized aluminium 20 micron

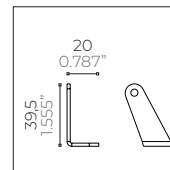
Surface Mounted Installation Accessories



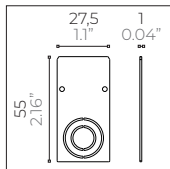
- ☐ **ACC.0003.0**
Alignment Kit for housing
box for X-Treme Aluminium



- ☐ **ACC.0387.0**
Fixing kit for housing box
X-Treme L23



- ☐ **ACC.0390.0**
Adjustable brackets 180° in
stainless steel X-Treme



- ☐ **ACC.0391.0**
Couple of end caps for
housing box X-Treme L23
Aluminium

Generic Accessories



- ☐ **ACC.0147.0**
Connection box IP68 for
electrical connection 4
channels/5poles

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.