

# LINEA Symmetric - Monochromatic

Mid Power LED 24 Vdc - Pitch 10 mm - Bus on Board

**ALDABRA**  
LUCE CONTEMPORANEA

## Submittal

Project: \_\_\_\_\_ Date: \_\_\_\_\_  
 Product Type: \_\_\_\_\_ Product Code: \_\_\_\_\_  
 Ordering Info: \_\_\_\_\_



## Product Description

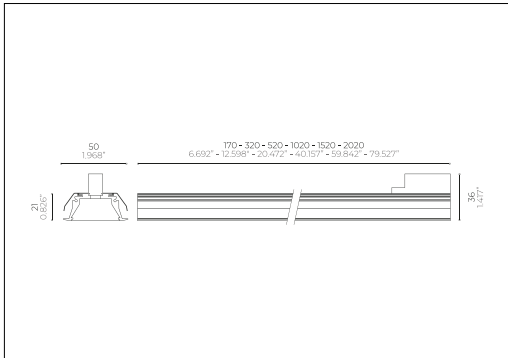
Professional modular recessed linear lighting systems for symmetric or asymmetric illumination. Suitable for indoor, outdoor and underwater applications. Made of extruded aluminum alloy UNI 6060 with a natural anodized finish, and UV-resistant nanopolymer resin that ensures a complete waterproofing and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



## Light Source

Light Source	Mid Power LED LM 80 COMPLIANT
Colour Temperature (CCT) !	3000K; 3700K; 5200K
Pitch	10 mm (0.39")
Cutting Pitch	50 mm (1.97")
Power	25 W/m (7.622 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



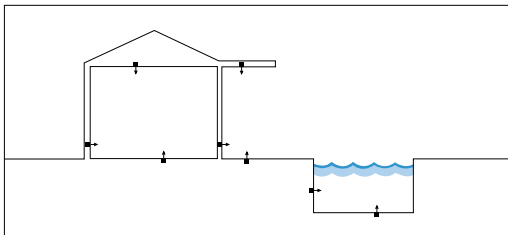
## Power Supply

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

## Fixture

Materials	Anticorodal Aluminium Alloy EN AW-6060; Resin
Body Finishes !	Anodized Aluminium
Weight	1400 g/m (0.940 lb/ft)
Power Supply Cable	1m (3,28ft) - 2xAWG18 (Red;Black)
Optics !	Symmetric
Diffusers	Transparent; Opal
Screens	Transparent

## Installations



Recessed



Wall



Ceiling



Ground

## 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	IP65; IP67
Impact Resistance	IK10
Driveability	_____
Walkability	300 kg (660 lb)
Certifications	CE; UL listed
Normative	EN60598-1; EN60598-2 and its parts; UL 676; CSA C22.2 No. 89-15; UL 2108; UL 1598/C250-08

! 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 ordered 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](http://www.aldabra.it) - Aldabra, all rights reserved.

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## Part Number

example: [LIN.02.D52A1.0](#)



### Length & Power <sup>1</sup>

- LIN.01** 520 mm / 1.7 ft - 13 W
- LIN.02** 1020 mm / 3.346 ft - 25 W
- LIN.03** 1520 mm / 4.987 ft - 37 W
- LIN.04** 2020 mm / 6.627 ft - 50 W

### Optical Features <sup>1</sup>

- .D** Opal Diffuser
- .T** Transparent Diffuser

### CCT <sup>1</sup>

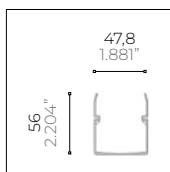
- 30** 3000K
- 37** 3700K
- 52** 5200K

### Finishes <sup>1</sup>

- A1.0** Anodized Aluminium

Notes: \_\_\_\_\_

## Recessing Box



### Type A

### Anodized Aluminium Trimless Recessing Box

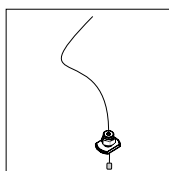


- CSF.0073.0** 520 mm / 1.7 ft
- CSF.0074.0** 1020 mm / 3.346 ft
- CSF.0075.0** 1520 mm / 4.987 ft
- CSF.0076.0** 2020 mm / 6.627 ft

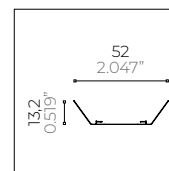
## Surface Mounted Installation Accessories



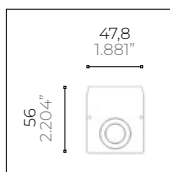
- ACC.0003.0**  
Alignment Kit for  
Recessing Box



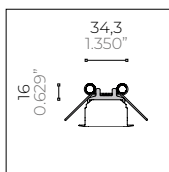
- ACC.0028.0**  
Safety Steel Wire for Ceiling  
Installation for preventing  
accidental fall



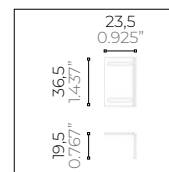
- ACC.0070.0**  
Fixing spring for  
Recessing Box and Shelf  
for Linea



- ACC.0075.0**  
Couple of End Caps for  
Recessing Box



- ACC.0079.0**  
Fixing spring for False  
Ceiling for Linea



- ACC.0116.0**  
Brackets for Recessing Box  
Kit (4x)

## Generic Accessories



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

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.