

# RIGA - RGB

Mid Power LED 24 Vdc - Pitch 13,9 mm

**ALDABRA**  
LUCE CONTEMPORANEA

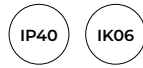
## Submittal

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



## Product Description

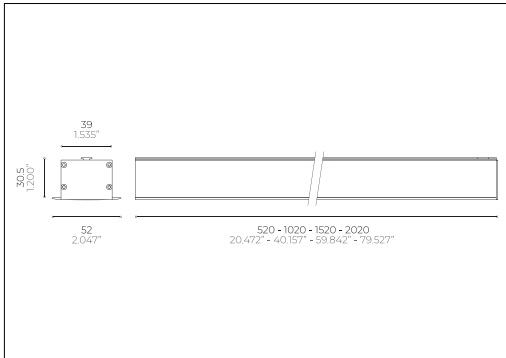
Professional recessed linear lighting system for indoor use, featuring symmetrical optics. Made of aluminum and polycarbonate with anodized aluminum finish.



## Light Source

Light Source	Mid Power LED LM 80 COMPLIANT
Colour Temperature (CCT) !	RGB
Pitch	13,9 mm (0.547")
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



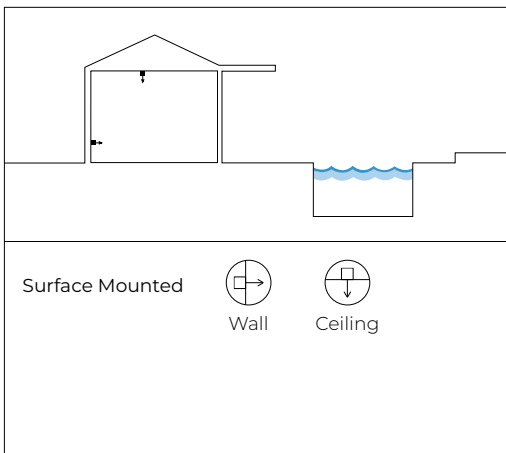
## Power Supply

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

## Fixture

Materials	Aluminium Anticorodal EN AW-6060; Polycarbonate
Body Finishes !	Anodized Aluminium
Weight	_____
Power Supply Cable	1m (3,28ft) - 2xAWG18 (Red;Black) + 3xAWG20 (R/b; G/b; B/b)
Optics !	_____
Diffusers	Opal
Screens	Prismatic

## 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	IK06
Driveability	_____
Walkability	_____
Certifications	CE
Normative	EN60598-1 ; EN60598-2 and its parts

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



650°C



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

## Part Number

example: **RGA.01.V90A1.0**



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

- RGA.01** 520 mm / 1,70 ft - 8,7 W
- RGA.02** 1020 mm / 3,35 ft - 17,3W
- RGA.03** 1520 mm / 4,98 ft - 26 W
- RGA.04** 2020 mm / 6,62 ft - 34,6 W

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

- .D** Opal Diffuser
- .V** Prismatic Screen

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

- 90** RGB

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

- A1.0** Anodized Aluminium

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

## 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 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.