

# SHANGHAI - Monochromatic

Mid Power LED 24 Vdc - Monoemission

**ALDABRA**  
LUCE CONTEMPORANEA

## Submittal

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



## Product Description

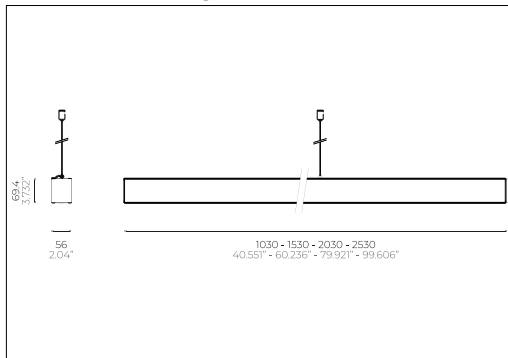
Innovative patented lighting system for indoor environments, featuring light bars that can be mechanically and electrically connected through hidden micro-slides, offering limitless composition. Made of aluminum, methacrylate, and polycarbonate with a matt white finish, suitable for direct or indirect lighting.



## Light Source

Light Source	Mid Power LED LM 80 COMPLIANT
Colour Temperature (CCT) !	2700K; 3000K; 4000K
Pitch	1,8 mm (0.07")
Cutting Pitch	12,5 mm (0.492")
Power	20 W/m (12.19 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



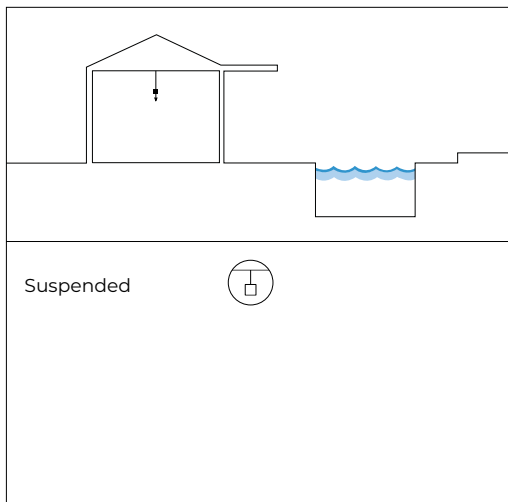
## Power Supply

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

## Fixture

Materials	Aluminium Anticorodal EN AW-6060; PC; Methacrylate
Body Finishes !	Matt White
Weight	2600 g/m (1.7471 lb/ft)
Power Supply Cable	2X1,5mm²(16AWG) FEP+PVC transparent Ø 5,9mm (0,232") L. 2 m (6,561 ft)
Optics !	_____
Diffusers	Satin
Screens	Prismatic

## Installations



## Temperature and Durability

LED Lifetime T <sub>a</sub> 25°C	> 50000 h (TM21 L80 B10 @50000 h)
Fixture Lifetime	> 50000 h
T <sub>a</sub> Performance	25°C (77°F)
T <sub>a</sub> 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 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.

# SHANGHAI - Monochromatic

Mid Power LED 24 Vdc - Monoemission

**ALDABRA**  
LUCE CONTEMPORANEA

## Part Number

example: **SHA.20.V27W1.0**



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

- SHA.20** 1030 mm / 40,551" - 20W
- SHA.21** 1530 mm / 60,236" - 30W
- SHA.22** 2030 mm / 79,921" - 40W
- SHA.23** 2530 mm / 99,606" - 50W

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

- .S** Satin Diffuser
- .V** Prismatic Screen

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

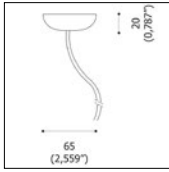
- 27** 2700K
- 30** 3000K
- 40** 4000K

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

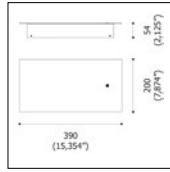
- W1.0** Matt White

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

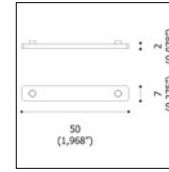
## Installation Accessories



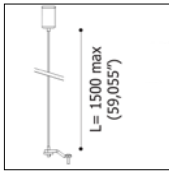
- ACC.0087.0**  
Ceiling rose with power supply cable L.200cm painted white.



- ACC.0088.0**  
Ceiling rose with power supply cable L.200cm painted white and power supply 320W.



- ACC.0089.0**  
Linear connection kit for Shanghai / 1 couple



- ACC.0090.0**  
White suspension kit for Shanghai

## 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.