

# MICRO 16 - DWS

Mid Power LED 24 Vdc - Pitch 5,5 mm

**ALDABRA**  
LUCE CONTEMPORANEA

## Submittal

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



## Product Description

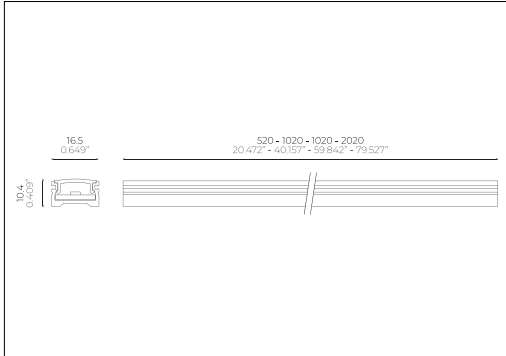
Professional linear lighting systems suitable for indoor spaces, with extremely compact sizes of 8, 10, and 16 mm, available in both direct and indirect lighting. Ideal for. Easy to install with the fastening springs. The Micro range is made of aluminum and polycarbonate, available in natural anodized finishes.



## Light Source

Light Source	Mid Power LED LM 80 COMPLIANT
Colour Temperature (CCT) !	DWS - Tunable White (2700K/6000K)
Pitch	5,5 mm (0.216")
Cutting Pitch	38,5 mm (1.515")
Power	20 W/m (6,10 W/ft)
Colour Rendering Index	> 90
Chromatic Selection	Mac Adam 2-Step
Light Source Efficiency	lm/W
Fixture Luminous Flux	lm/m (lm/ft)
LED Type	_____

## Technical Drawing



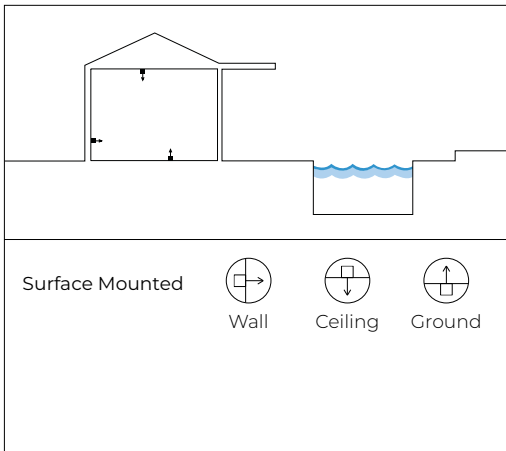
## Power Supply

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	117 g/m (0.078 lb/ft)
Power Supply Cable	1m (3,28ft) - 2xAWG18 (Red;Black) + 3xAWG20 (R/B; G/b; B/b)
Optics !	_____
Diffusers	Opal; Transparent
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



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

960°C



# MICRO 16 - DWS

Mid Power LED 24 Vdc - Pitch 8,3 mm

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

## Part Number

example: **MIC.21.D98A1.0**



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

- MIC.21** 520 mm / 1,70 ft - 10 W
- MIC.22** 1020 mm / 3,35 ft - 20 W
- MIC.23** 1520 mm / 4,98 ft - 30 W
- MIC.24** 2020 mm / 6,62 ft - 40 W

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

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

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

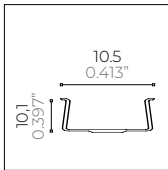
- 98** DWS

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

- A1.0** Anodized Aluminium

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

## Installation Accessories



- ACC.0046.0**  
Fixing Springs for Filo 16 -  
Micro 16 - 10 pieces package



- ACC.0136.0**  
Opal screen for Micro 16 -  
200 cm - 78.74"

## 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.