

# STRATO - DWS Tunable White

Mid Power LED 24 Vdc - Pitch 5,5 mm

**ALDABRA**  
LUCE CONTEMPORANEA

## Submittal

Project: \_\_\_\_\_ Date: \_\_\_\_\_

Product Type: \_\_\_\_\_ Product Code: \_\_\_\_\_

Ordering Info: \_\_\_\_\_



## Product Description

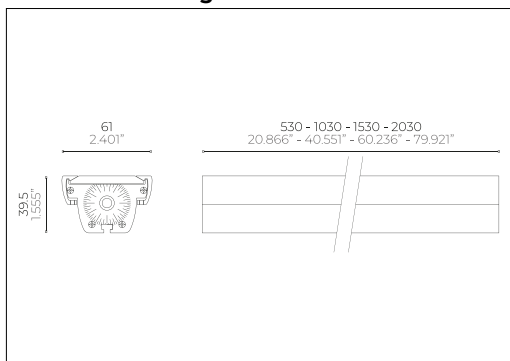
High-efficiency professional modular linear system for recessed floor or wall installation using formwork, or surface installation with adjustable brackets for direct or indirect lighting, suitable for outdoor or indoor environments. Made of extruded aluminum alloy UNI 6060 with a natural anodized finish, and screen made of PMMA.



## 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 (6.097 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



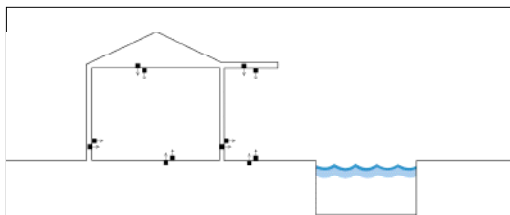
## Power Supply

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

## Fixture

|                    |   |
|--------------------|---|
| Materials          | Aluminium Anticorodal EN AW-6060; PMMA                      |
| Body Finishes !    | Anodized Aluminium  |
| Weight             | 2000 g/m (1.344 lb/ft)                                      |
| Power Supply Cable | 1m (3,28ft) - 2xAWG18 (Red;Black) + 3xAWG20 (R/b, G/b, B/b) |
| Optics !           | _____   |
| Diffusers          | Opal; Transparent   |
| Screens            | _____   |

## Installations



|                 |      |         |        |
|-----------------|------|---------|--------|
| Recessed        |      |         |        |
|                 | Wall | Ceiling | Ground |
| Surface Mounted |      |         |        |
|                 | Wall | Ceiling | Ground |

## Temperature and Durability

|                                  |                                   |
|----------------------------------|-----------------------------------|
| LED Lifetime T <sub>8</sub> 25°C | > 50000 h (TM21 L80 B10 @50000 h) |
| Fixture Lifetime                 | > 50000 h                         |
| T <sub>8</sub> Performance       | 25°C (77°F)                       |
| T <sub>8</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       | IP66; IP67   |
| Impact Resistance           | IK08   |
| Driveability                | _____  |
| Walkability                 | 300 kg (660 lb)  |
| 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



650°C

AQA STOP FLEX

A A+ A++

**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.

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## Part Number

example: STR.21.T98A1.0



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

- STR.21** 530 mm / 1.738 ft - 9,6 W
- STR.22** 1030 mm / 3.379 ft - 19,2 W
- STR.23** 1530 mm / 5.019 ft - 28,8 W
- STR.24** 2030 mm / 6.66 ft - 38,4 W

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

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

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

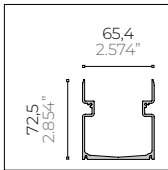
- 98** DWS

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

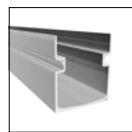
- A1.0** Anodized Aluminium

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

## Recessing Box



### Type A Anodized Aluminium Trimless Recessing Box

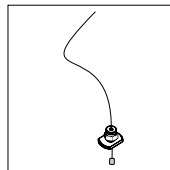


- CSF.0061.0** 550 mm / 1.804 ft
- CSF.0062.0** 1050 mm / 3.444 ft
- CSF.0063.0** 1550 mm / 5.085 ft
- CSF.0064.0** 2050 mm / 6.725 ft

## Recessed Installation Accessories



- ACC.0003.0**  
Alignment kit for recessing box



- ACC.0028.0**  
Safety steel wire for ceiling installation for preventing accidental fall

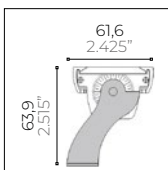


- ACC.0066.0**  
Fixing kit in recessing box



- ACC.0080.0**  
Couple of end caps for Strato recessing box type A

## Surface Mounted Installation Accessories



- ACC.0065.0**  
Couple of adjustable brackets

## Generic Accessories



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

## 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.