

vizulo

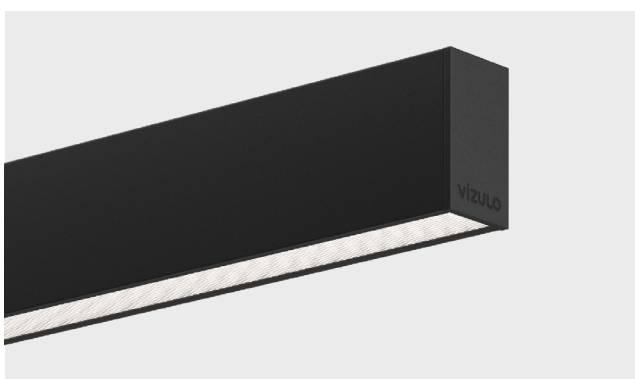
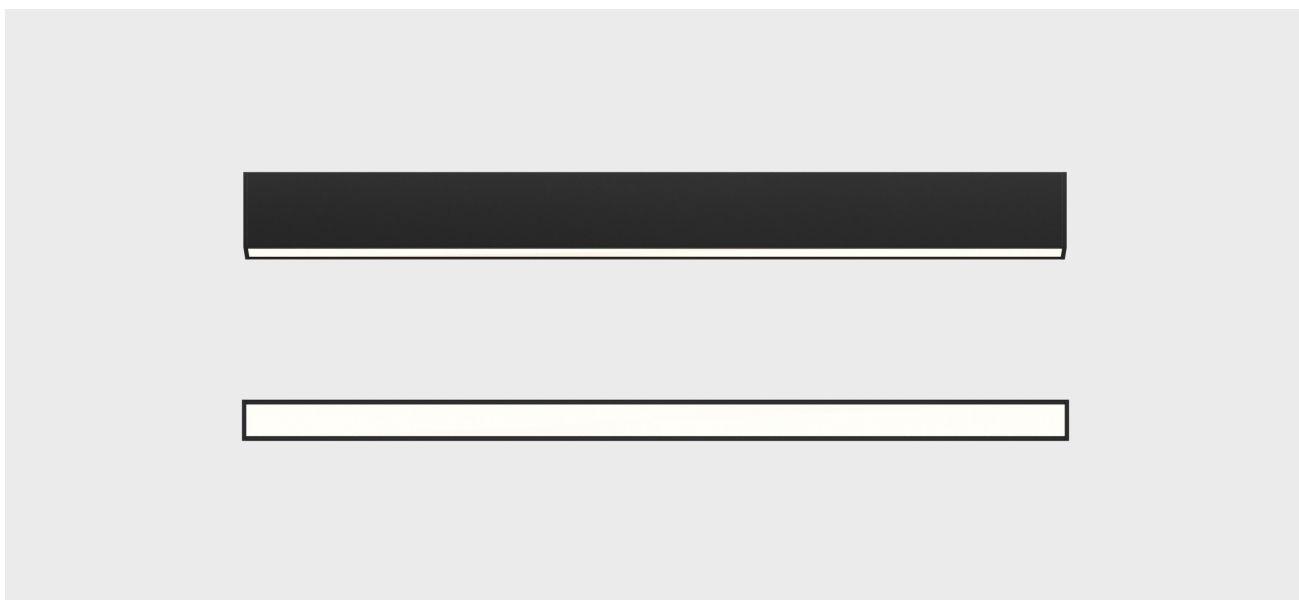
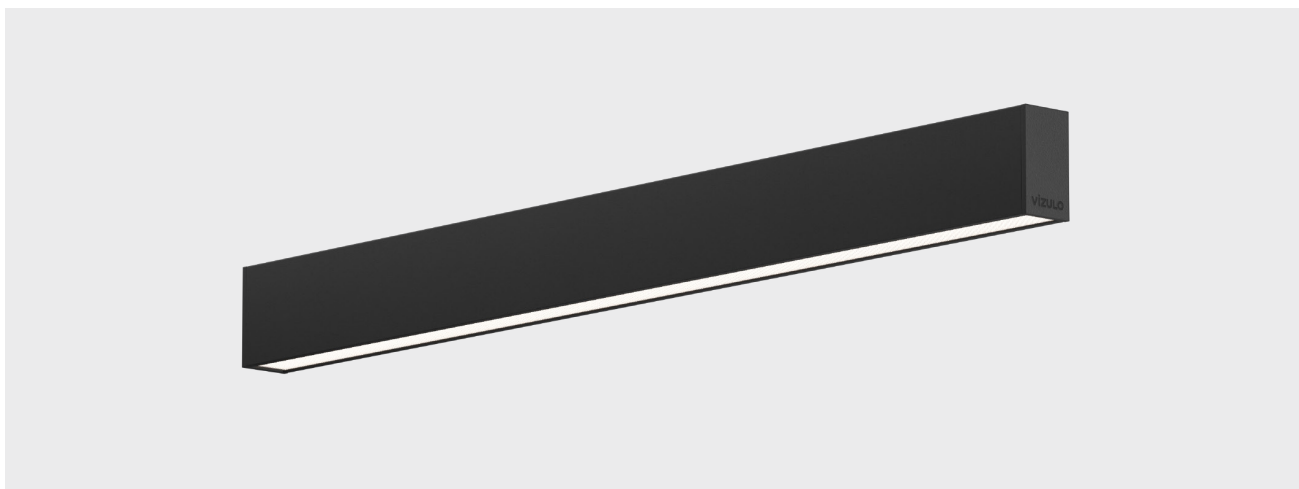


Milzo Number 1

SURFACE

Milzo Number 1

surface



RAL9016

RAL9006

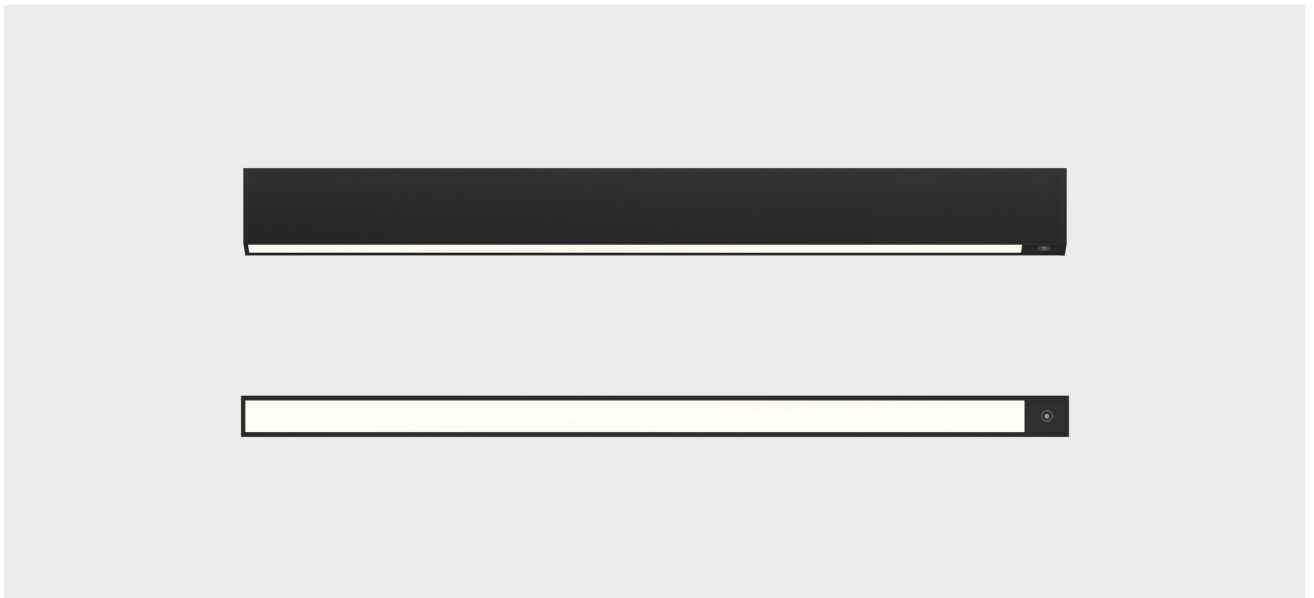
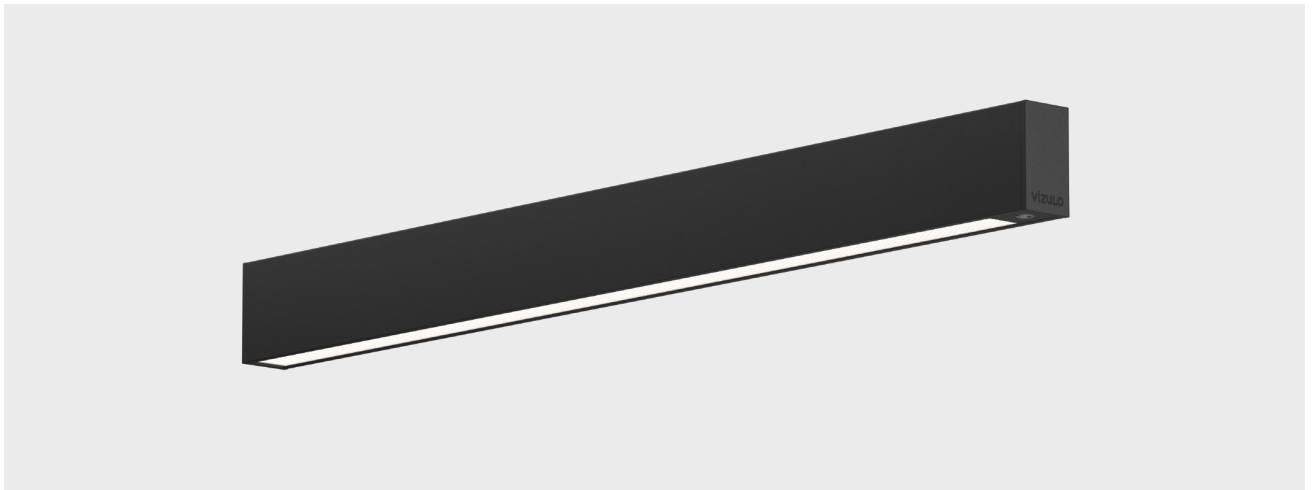
RAL9005

SANDED
ALUMINIUM

Other colors
available on request

Milzo Number 1

surface with sensor



RAL9016



RAL9006



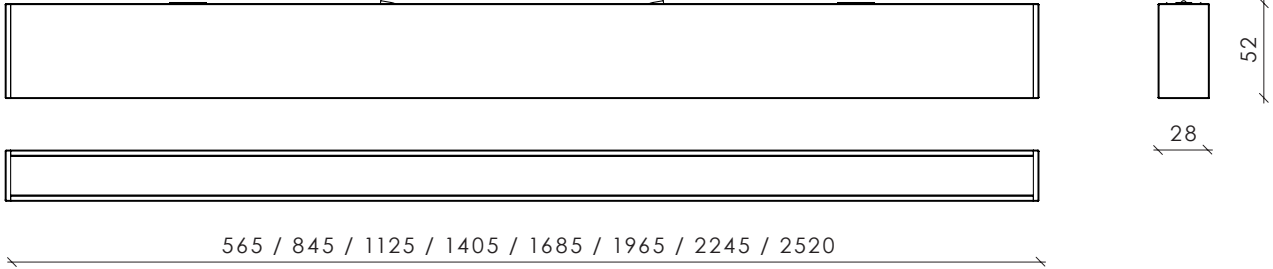
RAL9005



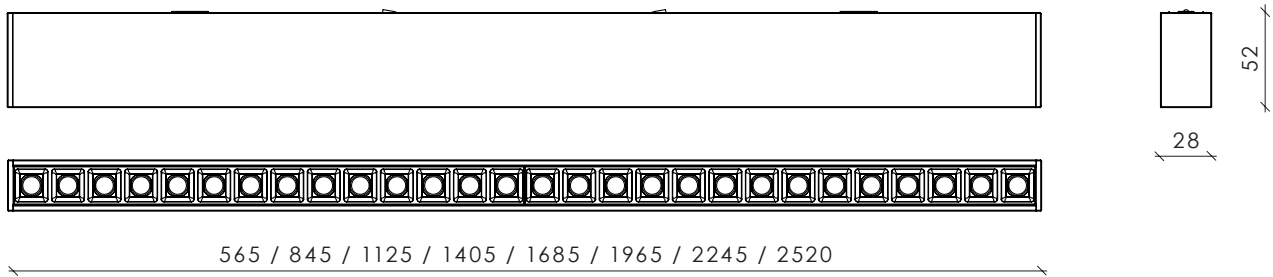
SANDED
ALUMINIUM

Other colors
available on request

Milzo Number 1 MPC/OPL



Milzo Number 1 with optic and shade



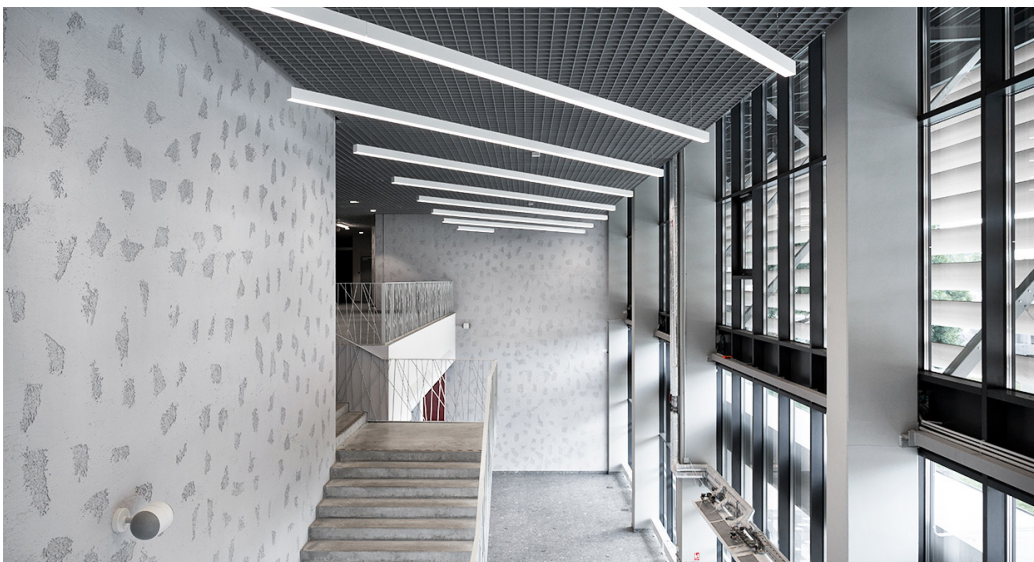
Applications



Office



Classroom



Common areas

Shade

Available in six different shades



↘ White gloss

According to model name principles

N1S □□□ □□□ □□□ **WG** □□□□ □□ □□□ □□□



↘ White matt

According to model name principles

N1S □□□ □□□ □□□ **WM** □□□□ □□ □□□ □□□



↘ Metal gloss

According to model name principles

N1S □□□ □□□ □□□ **MG** □□□□ □□ □□□ □□□



↘ Metal matt

According to model name principles

N1S □□□ □□□ □□□ **MT** □□□□ □□ □□□ □□□



↘ Black gloss

According to model name principles

N1S □□□ □□□ □□□ **BG** □□□□ □□ □□□ □□□



↘ Black matt

According to model name principles

N1S □□□ □□□ □□□ **BM** □□□□ □□ □□□ □□□

Technical information



| | |
|-------------|--|
| V | 220 - 240 |
| Hz | 50 - 60 |
| W | 12 - 90 |
| lm | Up to 9290 ⁽¹⁾ Up to 12474 ⁽²⁾ |
| lm/W | Up to 120 |
| K | 3000 / 4000 ⁽³⁾ |
| °C | +10 to +35 |
| CRI | >80 / >90 / >95 ⁽⁴⁾ >90 / >95 ⁽⁵⁾ |

| | |
|--------------------------------|---|
| Body: | Aluminium profile |
| Dimming: | DALI / 1-10 V / Bluetooth / Non dimmable |
| Initial chromaticity: | MacAdam 3 |
| Lifetime: | 100 000 h (L80B10) at Ta = 25 °C* 50 000 h (L90B10) at Ta = 25 °C* |
| Warranty: | 5 years |
| Optics: | PMMA optic / PC shade |
| Downlight: | Opal / Microprismatic / Symmetric / Asymmetric |
| Mounting: | Surface |
| Human Centric Lighting: | Available |

¹⁾ For optic with shade

²⁾ For microprismatic and opal

³⁾ Other CCT available on request

⁴⁾ Standard LED CRI

⁵⁾ Sun-Mimic LED CRI

* This value is only informative and may change according to selected article. LED Lifetime is strongly depending from LEDs current and junction temperature – increase in LED current and luminaire power lead to increase of junction temperature and as consequence lifetime decrease. Thus, luminaire models with lower power, lower current (and lower junction temperature) will have higher lifetime than standard models. And high power and high current luminaire models may have negative lifetime deviation comparing to standard models. To receive precise value please contact VIZULO export representatives.

Technical parameters for final product can differ from typical data by 7% due to special conditions of LED manufacturing processes.

Remarks Surface version does not include Cable!
Standard cable length for Pendant version: 2.5 m

Sensors

PIR Basic / DALI Pro sensor (up to 5 m)*

| | |
|--|--|
| Power Source: | DALI |
| Mounting height (H): | 2 - 5 m |
| Detection range for PIR (max): | 8 m (@H = 5 m) |
| Detection angle for PIR: | 84° |
| Detection angle for light measurement: | 30° - 60° |
| Light-control range: | 0.5 - 2000 lux (adjustable) |
| Working temperature: | -20 ~ +50 °C ** |
| Min. temperature difference between ambient temperature and detected object: | ± 4 °C |
| Remote control (optional): | Set and control with IR remote control *** |



* Available PIR sensor types:

- **Basic** - requires no external controller (no connection to external DALI network allowed);
- **Pro** - External controller required.

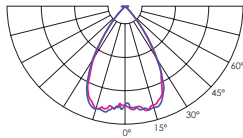
** Minimal Luminaire working temperature will be same or higher than for specific Sensors (if used)

*** Remote control can be ordered separately

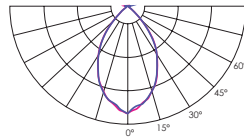
Optics

Daisy optics with shade

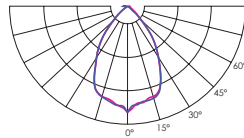
H1W



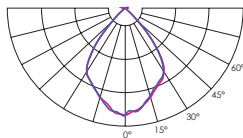
H1Y



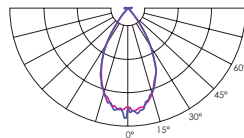
H1Z



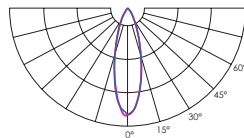
H2A



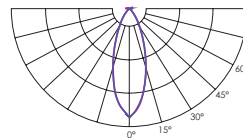
H2B



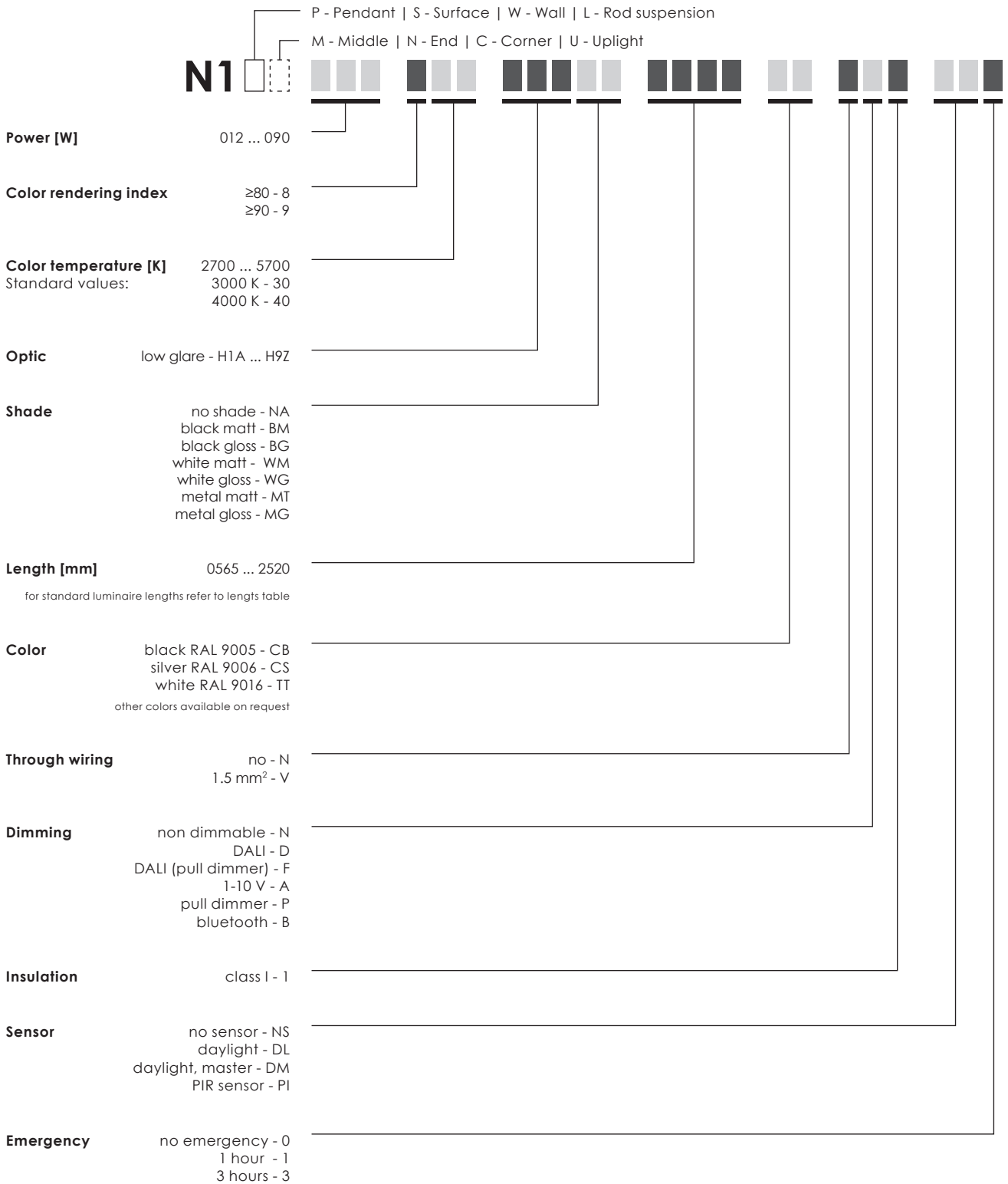
H2C



H2D



Model name principles

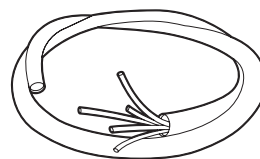


EXAMPLE N1S 090 830 H1WNA 2520 CB NN1 NS0

Accessories

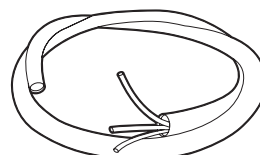
**Connection cable 5x1.5 mm²
(x2.5 m) with open end**

Art. 70042016



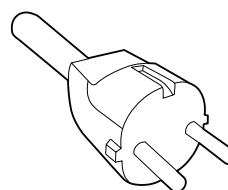
**Connection cable 3x1.5 mm²
(x2.5 m) with open end**

Art. 70042018



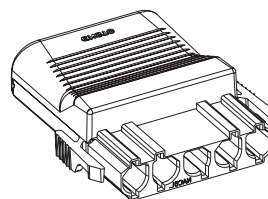
**Connection cable 3x1.5 mm²
(x2.5 m) with plug**

Art. 70042022



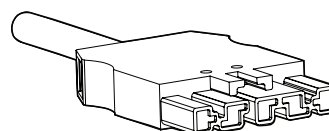
**Connection cable 5x1.5 mm²
(x2.5 m) with Ensto (NAC51S.W)
5-way plug**

Art. 70042009



**Connection cable with DALI 5x1.5 mm²
(x2.5 m) with Wago Winsta (770-1115)
5-way plug**

Art. 70042030



Plug 250 VAC 16A IP44 PE 3P

Art. 70000421

Ceiling box set, ND

RAL 9006 Art. 70056004
RAL 9016 Art. 70056015
RAL 9005 Art. 70056029

Ceiling box set, DALI

RAL 9006 Art. 70056007
RAL 9016 Art. 70056022
RAL 9005 Art. 70056030

Connection cable

White / halogen free / transparent

Fabric connection cable

White / black / red

Certification



CE – conformity with European Union's health, safety and environmental protection standards

The CE mark is placed on products to state conformity with the relevant EU health, safety and environmental protection standards. In case of electronic products, the standards are, for example, the Restriction of Hazardous Substances in Electrical and Electronic Equipment (RoHS) directive, Waste Electrical and Electronic Equipment (WEEE) directive, the Electromagnetic Compatibility (EMC) directive etc. The mark ensures that the product can be sold anywhere in the European Economic Area (EEA).



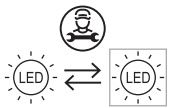
UKCA - conformity with the relevant essential requirements of Great Britain

UKCA is a product mark intended to demonstrate compliance with the directives set by Great Britain (England, Scotland and Wales). It is analogous to the European Union's CE marking, meaning that depending on the type of product the applicable regulations are different. In case of LED lighting, the relevant requirements are compliance with the Electromagnetic Compatibility Regulations, the Electrical Equipment (Safety) Regulations, the Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment Regulations and the Ecodesign for Energy-Related Products and Energy Information (Lighting Products) Regulations.



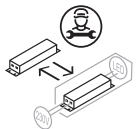
RoHS – compliance with European Union's RoHS directive

The RoHS (Restriction of Hazardous Substances in Electrical and Electronic Equipment) directive restricts (with exceptions) the use of ten hazardous materials in the manufacture of various types of electronic and electrical equipment. The aim of the directive is to prevent the risks posed to human health and the environment related to the management of electronic and electrical waste.



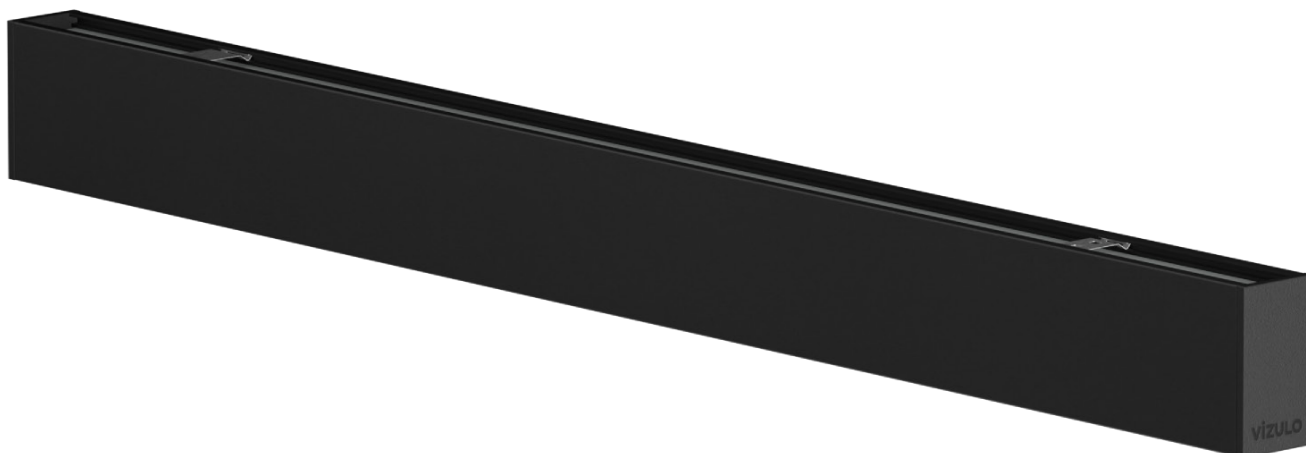
LED module replaceable by a professional

This pictogram shows that the LED modules included in the luminaire are only replaceable by a professional. This labeling is a requirement following the introduction of European Union's Regulation on energy labelling for light sources (EU) 2019/2015.



LED driver replaceable by a professional

This pictogram shows that the LED driver included in the luminaire is only replaceable by a professional. This labeling is a requirement following the introduction of European Union's Regulation on energy labelling for light sources (EU) 2019/2015.



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