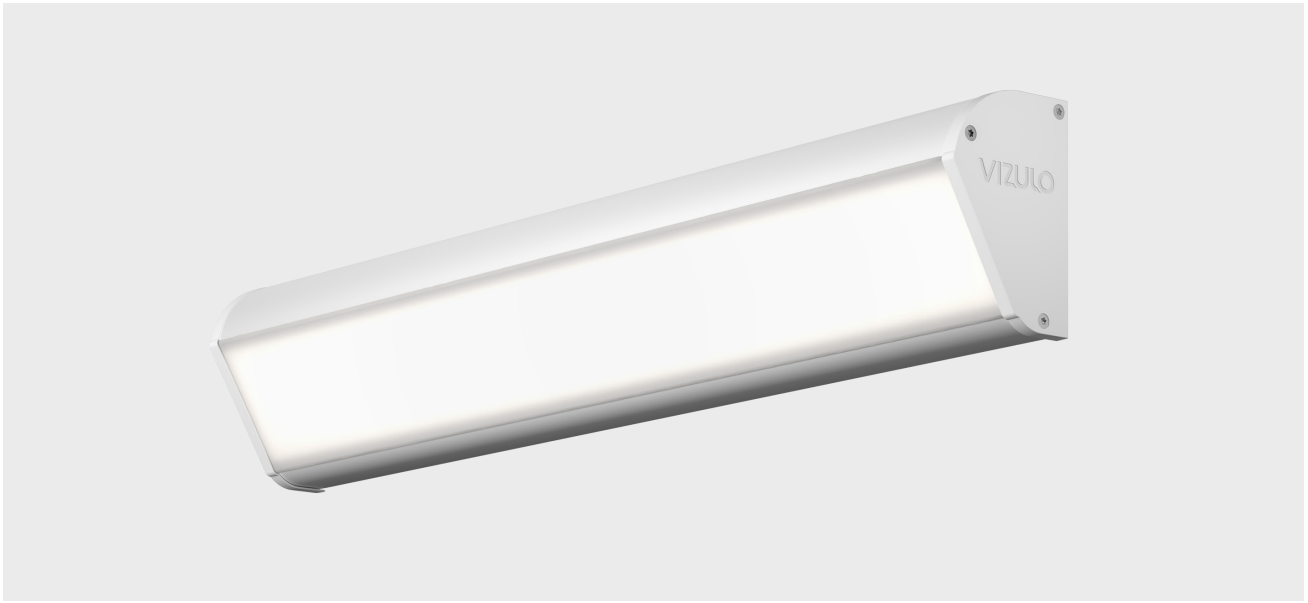

vizulo
Dove

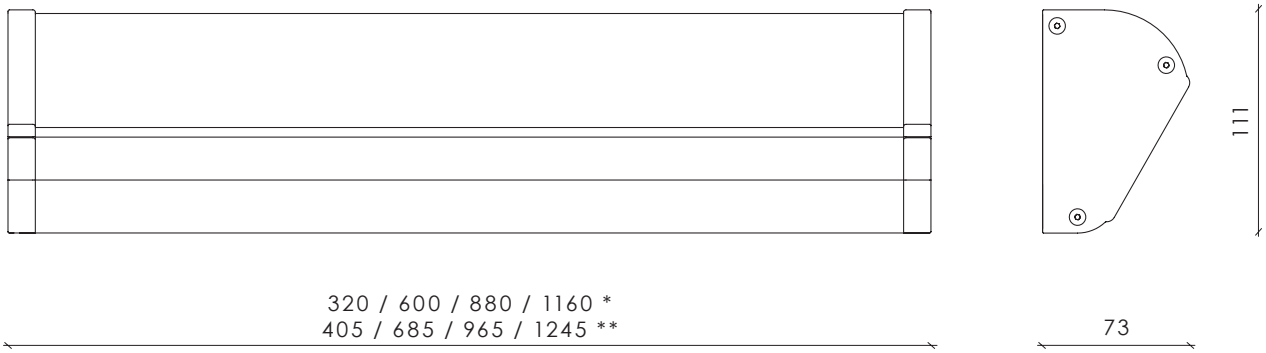
Dove





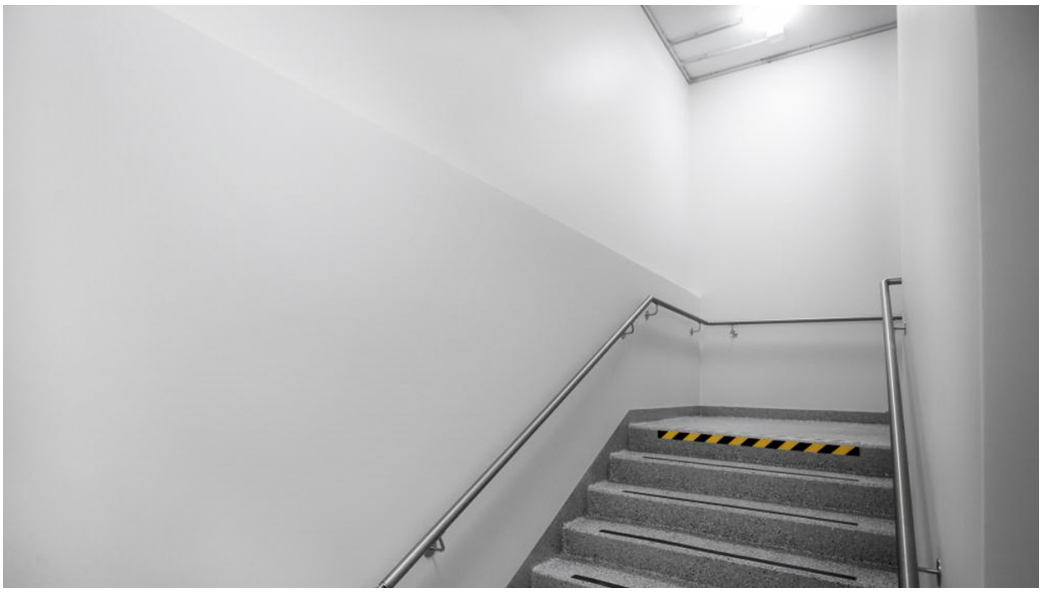
RAL9016

Other colors
available on request



* - Dimensions without sensor
** - Dimensions with sensor

Applications



↘ Basements



↘ Bathrooms

Technical information

IP40 IP44 IK11 CE UKCA RoHS

CASAMBI SundaHus assessment available [5

V	220 - 240
Hz	50 - 60
W	8 - 21
lm	615 - 2105 [1
lm/W	88 - 105
K	3000 / 4000 [2
°C	+10 to +45
CRI	>80 / >90 / >95 [3
	>90 / >95 [4

Body:	Aluminium profile
Dimming:	DALI / 1-10 V / Bluetooth / Non dimmable
Sensor:	Microwave / PIR
Initial chromaticity:	MacAdam 3
Lifetime:	100 000 h (L80B10) at Ta = 25 °C*
	50 000 h (L90B10) at Ta = 25 °C*
Warranty:	5 years
	2 years (emergency configuration)
Cover:	Opal
Mounting:	Surface
Human Centric Lighting:	Available
Neto weight:	Up to 1.73 kg

1) Lumen output indicated at CRI > 80

2) 1800 / 2200 / 2700 / 3500 / 5000 / 5700 / 6500 K available on request along with other not listed CRI and CCT

3) Standard LED CRI

4) Sun-Mimic LED CRI

5) Check SundaHus web page for product assessment results

* 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.

DOVE Length table

Non dimmable

Length	320 mm	405 mm	600 mm	685 mm	880 mm	965 mm	1160 mm	1245 mm
Power	13 W	14 W	10 - 20 W	11 - 21 W	14 - 20 W	15 - 21 W	18 W	19 W
Sensor	-	Yes	-	Yes	-	Yes	-	Yes
EM	-	-	1 h	-	1 - 3 h	-	1 - 3 h	-

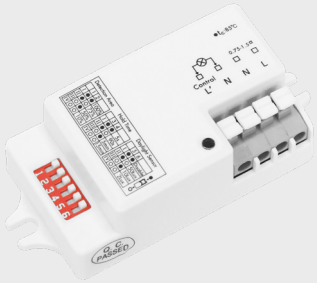
DALI

Length	600 mm	685 mm	880 mm	965 mm	1160 mm	1245 mm
Power	10 - 20 W	10 - 20 W	14 - 20 W	15 - 21 W	15 - 21 W	16 - 21 W
Sensor	-	Yes	-	Yes	-	Yes
EM	-	-	1 - 3 h	-	1 - 3 h	-

Sensors

Microwave sensor

Power Source:	220 – 240 VAC (50/60 Hz)
Rated load:	400 W
Stand-by power:	<0.5 W
Sensitivity:	10% / 50% / 75% / 100%
Hold-time:	5 s / 90 s / 5 min / 15 min *
Daylight sensor:	2 lux / 10 lux / 50 lux, disable *
Microwave frequency:	5.8 GHz +/- 75 MHz
Detection range (diameter):	10 m *
Installing Height (Max):	6 m *
Detection angle:	30° ~ 150° *
Working temperature:	-20 °C ~ 60 °C
IP rating:	IP20
Certificates:	Semko, CB, CE, RCM, RoHS, RED



PIR Basic / DALI 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 °C ~ +50 °C ***
Min. temperature difference between ambient temperature and detected object:	± 4 °C
Remote control (optional):	Set and control with IR remote control ****



* Other values available on demand, contact us for more information!

** 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

Exploring Dove

Silicone gasketing to ensure IP44





Easy surface mounting





Dove with microwave motion sensor





Dove with PIR motion sensor





Model name principles

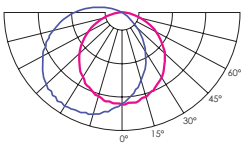
DO ■■■ ■■■ ■■ ■■ ■■■ ■■■

Power [W]	008 ... 021
Color rendering index	≥80 - 8 ≥90 - 9
Color temperature [K] Standard values:	1800 ... 6500 3000 K - 30 4000 K - 40
Length	320 / 405 mm - 03 600 / 685 mm - 06 880 / 965 mm - 09 1160 / 1245 mm - 12
Color	RAL 9006 - CS RAL 9016 - TT other colors available on request
Through wiring	no through wiring - N through wiring 1.5 mm² - V
Dimming	non dimmable - N DALI - D 1-10 V - A bluetooth - B
Insulation	class I - 1
Sensor	no sensor - NS microwave - MW PIR sensor - PI
Emergency	no emergency - 0 1 hour - 1 3 hours - 3

EXAMPLE DO 021 830 12 TT NN1 NS0

Optics

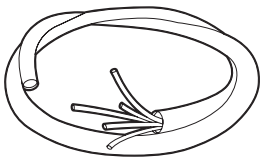
Opal



Accessories

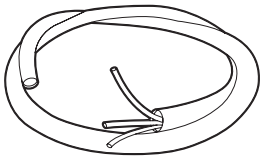
Connection cable 5x1.5 mm² (x2.5 m) with open end

Art. 70042016



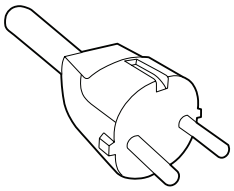
Connection cable 3x1.5 mm² (x2.5 m) with open end

Art. 70042018



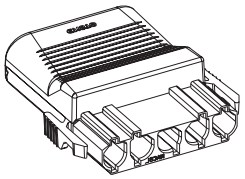
Connection cable 3x1.5 mm² (x2.5 m) with plug

Art. 70042022



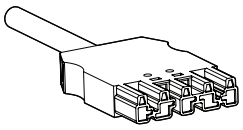
Connection cable 5x1.5 mm² (x2.5 m) with Ensto (NAC51S.W) 5-way plug

Art. 70042009



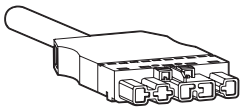
Connection cable 5x1.5 mm² (x2.5 m) with Wago Winsta (770-115) 5-way plug

Art. 70042007



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

Art. 70042030



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.

Byggvarubedömningen – product chemical content and life cycle assessment

Byggvarubedömningen is a non-profit organization owned by large constructors and property owners in Sweden. The organization conducts assessments of various construction products based on chemical content and sustainability criteria. The consituent substances and product life cycle are evaluated and the product is assigned one of three levels:

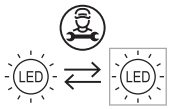
Recommended (green) | Accepted (yellow) | To be avoided (red)

Note: the Recommended level assessment is unavailable for electronic products since it is assumed that all electronic products contain brominated flame retardants.

SundaHus – product material data assessment

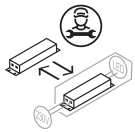
SundaHus i Linköping AB (publ) is a consulting company for the improvement of indoor environmental quality. The company conducts health and environmental assessments of building materials and assigns each product a letter evaluation:

- **A** products that provide minimal health risks
- **B** products that do no qualify for A, but do not match the criteria for C+, C- or D
- **C+** products that risk exposure to substances of very high concern
- **C-** products that risk exposure to toxic or volatile substances, as well as negatively impact the environment
- **D** products that cannot be assessed due to insufficient data



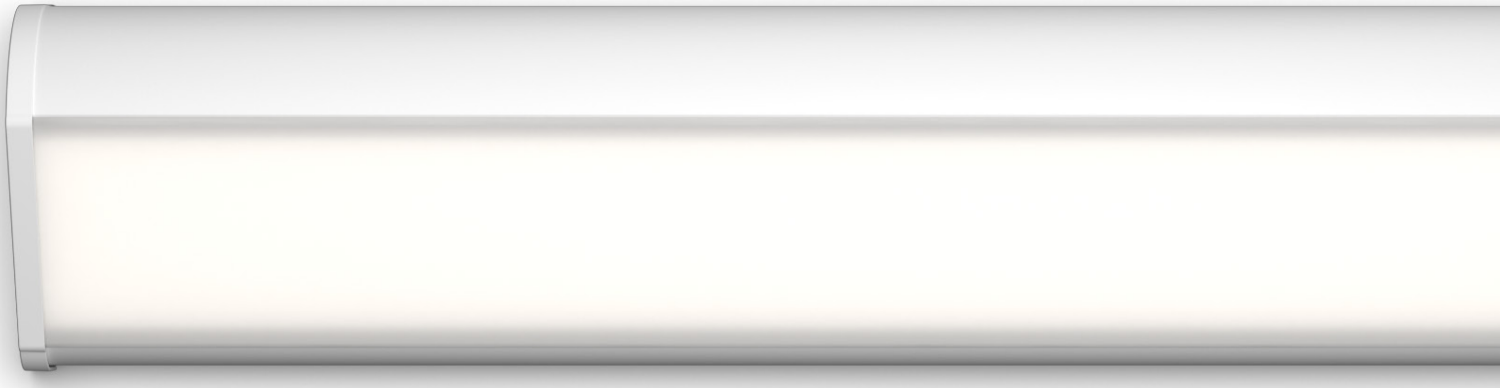
LED module replaceable by a professional

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



VIZULO

Bukultu street 11
Riga, LV – 1005, Latvia

Sales: + 371 67 383 023
Production: + 371 67 383 024

sales@vizulo.com
www.vizulo.com

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