Product Sheet
Rev 24/05/2024

Volta Ceiling Suspension
Size: small
Color Temperature: 2700 K
Type of optics: RS-02 Rotosymmetric Beam

01VO3C466824CHM4
Colour: Sablé 100 Noir

General Features

Description: LED luminaire	
Insulation class: class II	
Rated voltage: 220-240 V 50/60 Hz	
Protection Grade: IP66	
Impact protection: IK09	
Surge protection device: integrated 10kV-10kA, Type 3, equipped with LED signaling and thermofusible for disconnection at the end of life; impulse withstand CL II 10kV DM	
Power Factor: > 0.90	
Ambient temperature Ta: -30°C +50°C	
Weight: 8.2 kg	
Max exposed surface: 0.19 m²	
Lateral exposed surface: 0.07 m²	
Common mode surge protection: 10 kV	
Overvoltage protection differential mode: 10 kV	
Driver: included	
Driver lifetime: >100.000 h @ Ta 25°C (0,2% / 1000h)	
Marks and Certifications: ENEC / CE	

Performance Data*

Source flux:	9925 lm
Source power:	61 W
Source efficiency:	163 lm/W
Device flux:	8455 lm
Device power:	65 W
Appliance efficiency:	130 lm/W
Glare Index Category:	D6

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Optical System

Source: LED R2

Color Temperature: 2700 K

Color Rendering Index (CRI): ≥ 70

Chromatic consistency (SDCM): ≤ 3

Type of optics: RS-02 Rotosymmetric Beam

Optical group life: >100.000 h @ Ta 25°C L90B10

Photobiological safety class: EXEMPT GROUP

ULOR: 0%

DLOR: 100%

Light intensity category: G*6

BUG rating: B3-U0-G1

Normative References

EN60598-1 / EN60598-2-3 / EN61547 / EN62471, EN55015 / EN61000-3-2 / EN61000-3-3

Installation and maintenance

Installation: covered walkay suspension

Ø power cable: 10 ÷ 14 mm

Cable Gland: PG16

Replaceable wiring plate: removable plate

Replaceable optical unit: each LED module is replaceable

Screen opening: opening by clip, fall block

Disconnector: automatic (with terminal section 2.5 mm²)

Power supply compartment: independent from the optical system

Flow adjustment On request

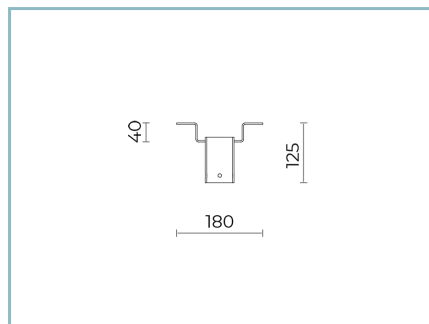|	
Virtual Midnight Teaching	X
Arrangement for Zhaga connector (Book 18)	X
Constant flow output (CLO)	X
Adjusting 1-10V	X
DALI control	X
Mains voltage variation	X
Power line telemanagement (PLC)	X
Wireless remote management	X
Provision for motion/light sensors	X

Materials

Body: die-cast aluminium alloy UNI EN AB 47100 (copper content < 1%)

Screen: tempered flat glass

Lenses: high-transparency PMMA

Fixing system: die-cast aluminium alloy UNI EN AB 47100 (copper content < 1%)

Seals: expanded anti-age silicone foam

Screws: stainless steel AISI 304

Wiring plate: zinc-plated steel

Finish: phospho-chromatation treated and polyester powder-coated in 16 phases to increase weather resistance

Colors

■ Sablé 100 Noir   Code: **01VO3C466824CHM4**

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Complements

40

125

180

01KA915C0

B53 Ceiling suspension kit
Colour: Sablé 100 Noir.

NOTES
*Performance data
The values indicated in this data sheet are nominal values with a tolerance of +/-7%.
Source flux and source efficiency data refer to the LED module without optics; in case you are interested in the
performance of the LED module complete with optical system, you must multiply the data reported by the factor 0.9.

General Data
The characteristics of the product listed may be subject to change and must be confirmed when ordering.
In order to promote constant updating of its products, Cariboni Group reserves the right to make changes without prior
notice.

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