Size: medium Color Temperature: 4000 K Type of optics: RS-03 Rotosymmetric Beam 06NN3D672028AHM4

Colour: Grey RAL9006



General Features

Description: LED floodlight

Insulation class: class II

Rated voltage: 220-240 V 50/60 Hz

Protection Grade: IP66

Impact protection: IK09

Surge protection device: integrated 10kV-10kA

Power Factor: > 0.95

Ambient temperature Ta: -30°C +50°C

Weight: 9.8 kg

Max exposed surface: 0.155 m²

Lateral exposed surface: 0.034 m²

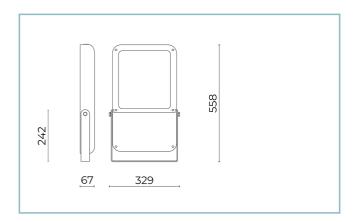
Common mode surge protection: 10 kV

Overvoltage protection differential mode: 10 kV

Driver: included

Driver lifetime: F10 >100.000h @ Ta 25°C

Marks and Certifications: ENEC / ENEC+ / CE



max= 399 cd/Klm -90 90 180

Performance Data*

Source flux:	18775 lm	
Source power:	100 W	
Source efficiency:	188 lm/W	
Device flux:	16150 lm	
Device power:	108 W	
Appliance efficiency:	150 lm/W	
Glare Index Category:	D2	



Product Sheet Rev 05/07/2024

Newton 2.0 Size: medium Color Temperature: 4000 K Type of optics: RS-03 Rotosymmetric Beam 06NN3D672028AHM4

Colour: Grey RAL9006

Optical System

- p
Source: LED R3
Color Temperature: 4000 K
Color Rendering Index (CRI): ≥ 70
Chromatic consistency (SDCM): ≤ 3
Type of optics: RS-03 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: B5-U0-G5

Normative References

optical group

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

Installation and maintenance		
Installation: ceiling; predisposition IN-OUT		
Tilt: -90° ÷ +90° continuously		
Fixing: steel bracket		
Ø power cable: 10 ÷ 14 mm		
Cable Gland: PG16		
Power supply compartment: independent from the		

On request	
Х	
Х	
Х	
Х	
Х	
Х	
Х	
X	

Materials

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

Screen: tempered	flat glass	4 mm

Lenses: high-transparency PMMA

Fixing system: painted RAL9006 steel adjustable bracket

Seals: anti-age silicone

Screws: stainless steel AISI 304 and 316

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

Colors

Grey RAL9006	Code: 06NN3D672028AHM4
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Newton 2.0

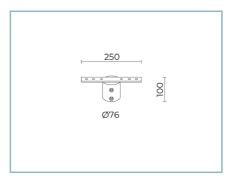
Size: medium Color Temperature: 4000 K

Type of optics: RS-03 Rotosymmetric Beam

06NN3D672028AHM4

Colour: Grey RAL9006

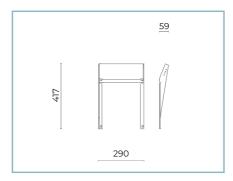
Complements



06NW902A0

L14 Post top kit

for Ø 76 mm poles. Colour: grey RAL9006. Newton 2.0 small/medium.



06NN903B0

B244 Visor kit.

Newton 2.0 medium. Colour: black

RAL9005.

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.

