Newton 2.0 Size: large Color Temperature: 4000 K Type of optics: LA-03 Wide street

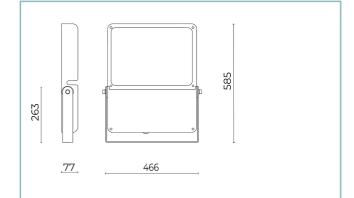


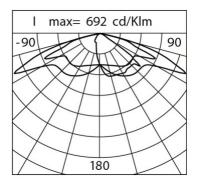
General Features

| 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: 14 kg |
| Max exposed surface: 0.229 m ² |
| Lateral exposed surface: 0.039 m ² |
| 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: CE / ENEC (pending)





Performance Data*

| Source flux: | 32280 lm |
|-----------------------|----------|
| Source power: | 164.5 W |
| Source efficiency: | 196 lm/W |
| Device flux: | 27770 lm |
| Device power: | 179 W |
| Appliance efficiency: | 155 lm/W |
| Glare Index Category: | D5 |
| | |



Newton 2.0 Size: large Color Temperature: 4000 K Type of optics: LA-03 Wide street

Optical System

| Source: LED R6 | Virtu |
|--|---------|
| Color Temperature: 4000 K | Arra |
| Color Rendering Index (CRI): ≥ 70 | (Boc |
| Chromatic consistency (SDCM): ≤ 3 | Cons |
| Type of optics: LA-03 Wide street | Adju |
| Optical group life: >100.000 h @ Ta 25°C L90B10 | DAL |
| Photobiological safety class: EXEMPT GROUP | Mair |
| ULOR: 0% | Wire |
| DLOR: 100% | Eme |
| Light intensity category: C*3 | Prov |
| BUG rating: B2-U0-G2 | |
| Normative References | Mate |
| EN60598-1, EN60598-2-3, EN61547; EN62471, EN55015, | Body |
| EN61000-3-2, EN61000-3-3 | cont |
| | Scre |
| Installation and maintenance | Lens |
| | — Fixin |
| Installation: wall / ceiling / pole; predisposition IN-OUT | Seals |
| Tilt: -90° ÷ +90° continuously | Scre |
| Fixing: steel bracket | Finis |
| Ø power cable: 10 ÷ 17 mm | pow |
| Cable Gland: M25 | |

Power supply compartment: independent from the optical group

| Flow adjustment | Standard On request |
|--|---------------------|
| Virtual Midnight Teaching | Х |
| Arrangement for Zhaga connector (Book 18) | Х |
| Constant flow output (CLO) | Х |
| Adjusting 1-10V | Х |
| DALI control | Х |
| Mains voltage variation | Х |
| Wireless remote management | Х |
| Emergency lighting | Х |
| Provision for motion/light sensors | Х |

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: stainless steel AISI 304 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

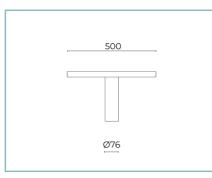
Grey RAL9006

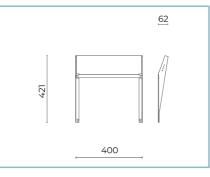
Code: 06NN4H260017AHL



Newton 2.0 Size: large Color Temperature: 4000 K Type of optics: LA-03 Wide street

Complements





06NN900X0

B238 Post top kit for Ø 76 mm poles. Colour: grey RAL9006. Newton 2.0 large.

06NN904B0

B245 Visor kit. Newton 2.0 large. 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.

