Newton 2.0 Size: small Color Temperature: 3000 K Type of optics: LT-63 Asymmetric beam

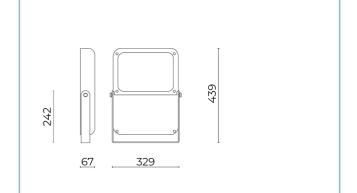


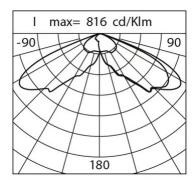
General Features

| Desc | cription: LED floodlight |
|-------|---|
| Insu | lation class: class II |
| Rate | ed voltage: 220-240 V 50/60 Hz |
| Prot | ection Grade: IP66 |
| Impa | act protection: IK09 |
| Surg | e protection device: integrated 10kV-10kA |
| Pow | er Factor: > 0.95 |
| Amk | pient temperature Ta: -30°C +50°C |
| Weig | ght: 6.8 kg |
| Max | exposed surface: 0.119 m² |
| Late | ral exposed surface: 0.026 m ² |
| Com | nmon mode surge protection: 10 kV |
| Over | voltage protection differential mode: 10 kV |
| Drive | er: included |

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

Marks and Certifications: ENEC / ENEC+ / CE





Performance Data*

| Source flux: | 1940 lm |
|-----------------------|----------|
| Source power: | 9 W |
| Source efficiency: | 216 lm/W |
| Device flux: | 1670 lm |
| Device power: | 12 W |
| Appliance efficiency: | 139 lm/W |
| Glare Index Category: | D3 |
| | |



Newton 2.0 Size: small Color Temperature: 3000 K Type of optics: LT-63 Asymmetric beam

Optical System

| Source: LED R1 |
|--|
| Color Temperature: 3000 K |
| Color Rendering Index (CRI): ≥ 70 |
| Chromatic consistency (SDCM): ≤ 3 |
| Type of optics: LT-63 Asymmetric 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: B4-U0-G4 |
| Normative References |
| EN60598-1, EN60598-2-3, EN61547; EN62471, EN55015, EN61000-3-2, EN61000-3-3 |
| |
| Installation and maintenance |
| Installation: wall / ceiling / pole; predisposition IN-OUT |
| Tilt: -90° ÷ +90° continuously |
| Fixing: steel bracket |
| Ø power cable: 10 ÷ 14 mm |
| Cable Cland: DC16 |

Cable Gland: PG16 Power supply compartment: independent from the

optical group

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

laterials

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

creen: tempered flat glass 4 mm

enses: high-transparency PMMA

ixing system: painted RAL9006 steel adjustable bracket eals: anti-age silicone

crews: stainless steel AISI 304 and 316

nish: phospho-chromatation treated and polyester owder-coated in 16 phases to increase weather resistance

olors

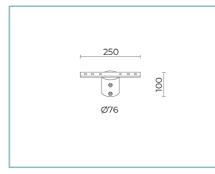
Grey RAL9006

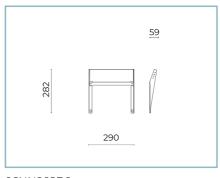
Code: 06NN2B221915AHM4



Newton 2.0 Size: small Color Temperature: 3000 K Type of optics: LT-63 Asymmetric beam

Complements





06NW902A0

L14 Post top kit for Ø 76 mm poles. Colour: grey RAL9006. Newton 2.0 small/medium. 06NN902B0

B243 Visor kit. Newton 2.0 small. 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.

