



General Features

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| 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 m² |
| Lateral exposed surface: | 0.039 m² |
| Common mode surge protection: | 10 kV |
| Overvoltage protection differential mode: | 10 kV |
| Drivers: | included |
| Lifetime driver: | F10 >100.000h @ Ta 25°C |
| Marks and Certifications: | CE / ENEC (pending) |



Performance Data*

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|-----------------------|----------|
| Source flow: | 33325 lm |
| Source power: | 182 W |
| Source efficiency: | 183 lm/W |
| Device flow: | 28660 lm |
| Device power: | 196 W |
| Appliance efficiency: | 146 lm/W |
| Glare Index Category: | D6 |

Optical System

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|---|
| Source: LED R6 |
| Color Temperature: 3000 K |
| Color Rendering Index (CRI): ≥ 70 |
| Color 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: B2-U0-G0 |

Normative References

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|---|
| EN60598-1, EN60598-2-3, EN61547; EN62471, EN55015, EN61000-3-2, EN61000-3-3 |
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Installation and maintenance

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| Installation: wall / ceiling / pole; predisposition IN-OUT |
| Tilt: $-90^{\circ} \div +90^{\circ}$ continuously |
| Fixing: steel bracket |
| Ø power cable: 10 ÷ 17 mm |
| Cable Gland: M25 |
| Power supply compartment: independent from the optical group |

Flow adjustment

| | Standard | 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 |
| Wireless remote management | | X |
| Emergency lighting | X | |
| Provision for motion/light sensors | | X |

Materials

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| 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

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|--|------------------------------|
|  Grey RAL9006 | Code: 06NN4H266915AHL |
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Product Sheet

30/04/2024

Newton 2.0

Size: large

Color Temperature: 3000 K

Type of optics: LT-63 Asymmetric beam

06NN4H266915AHL

Colour: Grey RAL9006

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.