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

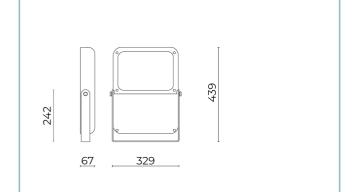


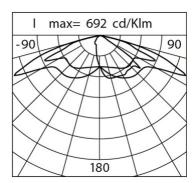
General Features

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: 6.8 kg Max exposed surface: 0.119 m² Lateral exposed surface: 0.026 m² Common mode surge protection: 10 kV Overvoltage protection differential mode: 10 kV

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

Marks and Certifications: ENEC / ENEC+ / CE





Performance Data*

Source flux:	4480 lm
Source power:	21.5 W
Source efficiency:	208 lm/W
Device flux:	3850 lm
Device power:	25 W
Appliance efficiency:	154 lm/W
Glare Index Category:	D5



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Optical System

Source: LED R1	Virtual I
Color Temperature: 4000 K	Arrange
Color Rendering Index (CRI): ≥ 70	Constar
Chromatic consistency (SDCM): ≤ 3	Adjusti
Type of optics: LA-03 Wide street	DALI co
Optical group life: >100.000 h @ Ta 25°C L90B10	Mains v
Photobiological safety class: EXEMPT GROUP	Wireles
ULOR: 0%	Provisio
DLOR: 100%	
Light intensity category: G*3	Materia
BUG rating: B2-U0-G2	Body: d
Normative References	content
	Screen:
EN61000-3-2, EN61000-3-3	Lenses:
	Fixing s
Installation and maintenance	Seals: a
Installation: wall / ceiling / pole; predisposition IN-OUT	Screws:
	Finish:
Tilt: -90° ÷ +90° continuously	– powder
Fixing: steel bracket	
Ø power cable: 10 ÷ 14 mm	
Cable Gland: PG16	Colors

Cable Gland: PG16

Power supply compartment: independent from the optical group

Flow adjustment	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
Provision for motion/light sensors	Х

aterials

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

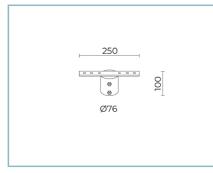
Grey RAL9006

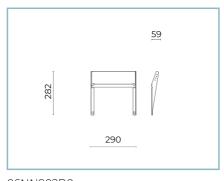
Code: 06NN2B248017AHM4



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

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.

