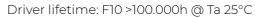
Newton 2.0 Size: small Color Temperature: 4000 K Type of optics: LT-63 Asymmetric beam

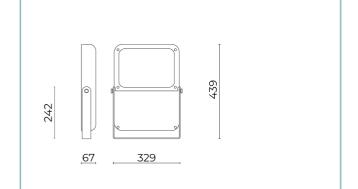


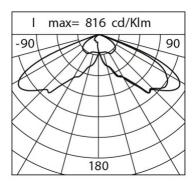
General Features

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 m ²
Lateral exposed surface: 0.026 m ²
Common mode surge protection: 10 kV
Overvoltage protection differential mode: 10 kV
Driver: included



Marks and Certifications: ENEC / ENEC+ / CE





Performance Data*

Source flux:	6440 lm
Source power:	33.5 W
Source efficiency:	192 lm/W
Device flux:	5540 lm
Device power:	37 W
Appliance efficiency:	150 lm/W
Glare Index Category:	D5



Newton 2.0 Size: small Color Temperature: 4000 K Type of optics: LT-63 Asymmetric beam

Optical System

Source: LED R1	Virtual
Color Temperature: 4000 K	Arrange
Color Rendering Index (CRI): ≥ 70	Consta
Chromatic consistency (SDCM): ≤ 3	Adjusti
Type of optics: LT-63 Asymmetric beam	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*6	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
	Screws:
Installation: wall / ceiling / pole; predisposition IN-OUT	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

1aterials

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

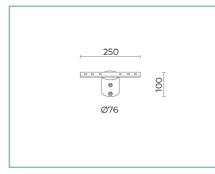
Grey RAL9006

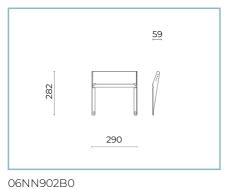
Code: 06NN2B272015AHM4



Newton 2.0 Size: small Color Temperature: 4000 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. 50111190200

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.

