Newton 2.0 Size: large Color Temperature: 3000 K Type of optics: LA-03 Wide street

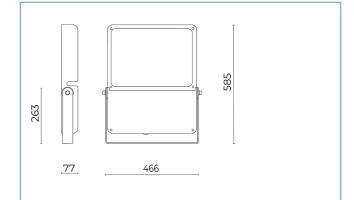


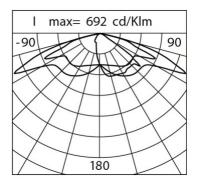
General Features

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:	54295 lm
Source power:	315.5 W
Source efficiency:	172 lm/W
Device flux:	46410 lm
Device power:	336 W
Appliance efficiency:	138 lm/W
Glare Index Category:	D5



Newton 2.0 Size: large Color Temperature: 3000 K Type of optics: LA-03 Wide street

Optical System

Source: LED R8	Virtu		
Color Temperature: 3000 K			
Color Rendering Index (CRI): ≥ 70	(Boc		
Chromatic consistency (SDCM): ≤ 3	Con		
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: G*3	Prov		
BUG rating: B2-U0-G1			
Normative References	Mat		
EN60598-1, EN60598-2-3, EN61547; EN62471, EN55015,	Bod cont		
	Bod		
EN60598-1, EN60598-2-3, EN61547; EN62471, EN55015, EN61000-3-2, EN61000-3-3	Bod		
EN60598-1, EN60598-2-3, EN61547; EN62471, EN55015,	Bod cont Scre		
EN60598-1, EN60598-2-3, EN61547; EN62471, EN55015, EN61000-3-2, EN61000-3-3	Bod cont Scre Lens		
EN60598-1, EN60598-2-3, EN61547; EN62471, EN55015, EN61000-3-2, EN61000-3-3	Bod cont Scre Lens – Fixir		
EN60598-1, EN60598-2-3, EN61547; EN62471, EN55015, EN61000-3-2, EN61000-3-3 Installation and maintenance Installation: wall / ceiling / pole; predisposition IN-OUT	Bod cont Scre Lens - Fixir - Seal		
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	Bod cont Scre Lens - Fixir - Seal - Scre		

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

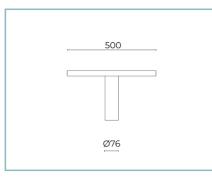
Grey RAL9006

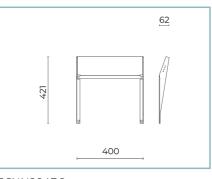
Code: 06NN4L684917AHL



Newton 2.0 Size: large Color Temperature: 3000 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.

