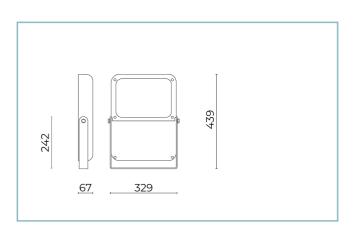
Colour: Grey RAL9006







# **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<sup>2</sup>

Lateral exposed surface: 0.026 m<sup>2</sup>

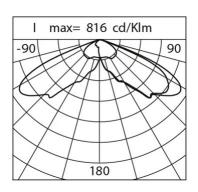
Common mode surge protection: 10 kV

Overvoltage protection differential mode: 10 kV

Driver: included

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

Marks and Certifications: ENEC / ENEC+ / CE



# Performance Data\*

3425 lm
16 W
214 lm/W
2945 lm
19 W
155 lm/W
D6



**Product Sheet** 

Rev 05/07/2024

Newton 2.0 Size: small Color Temperature: 4000 K Type of optics: LT-63 Asymmetric beam 06NN2B236015AHM4 Colour: Grey RAL9006

Optical	System
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-
Source: LED R1
Color Temperature: 4000 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: B2-U0-G1

## **Normative References**

Cable Gland: PG16

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 nower cable: 10 ÷ 1/4 mm

Power supply compartment: independent from the optical group

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

#### **Materials**

Body: die-cast aluminium alloy UNI EN AB 47100 (copper	r
content < 1%)	

|--|

# Lenses: high-transparency PMMA

# Fixing system: painted RAL9006 steel 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

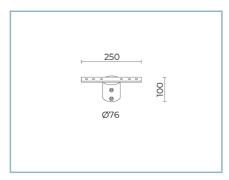
	Grey RAL9006	Code: <b>06NN2B236015AHM4</b>
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06NN2B236015AHM4

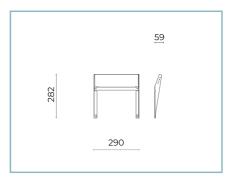
Colour: Grey RAL9006

## 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.

