



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:	CE / ENEC



Performance Data\*

Source flow:	12620 lm
Source power:	67 W
Source efficiency:	188 lm/W
Device flow:	10855 lm
Device power:	72 W
Appliance efficiency:	151 lm/W
Glare Index Category:	D3

<b>Optical System</b>	<b>Flow adjustment</b>	On request
Source: LED R2	Virtual Midnight Teaching	X
Color Temperature: 4000 K	Arrangement for Zhaga connector (Book 18)	X
Color Rendering Index (CRI): ≥ 70	Constant flow output (CLO)	X
Color Consistency (SDCM): ≤ 3	Adjusting 1-10V	X
Type of optics: RS-03 Rotosymmetric Beam	DALI control	X
Optical group life: >100.000 h @ Ta 25°C L90B10	Mains voltage variation	X
Photobiological safety class: EXEMPT GROUP	Wireless remote management	X
ULOR: 0%	Provision for motion/light sensors	X
DLOR: 100%		
Light intensity category: G*6	<b>Materials</b>	
BUG rating: B3-U0-G3	Body: die-cast aluminium alloy UNI EN AB 47100 (copper content < 1%)	
<b>Normative References</b>	Screen: tempered flat glass 4 mm	
EN60598-1, EN60598-2-3, EN61547; EN62471, EN55015, EN61000-3-2, EN61000-3-3	Lenses: high-transparency PMMA	
	Fixing system: painted RAL9006 steel adjustable bracket	
<b>Installation and maintenance</b>	Seals: anti-age silicone	
Installation: ceiling; predisposition IN-OUT	Screws: stainless steel AISI 304 and 316	
Tilt: -90° ÷ +90° continuously	Finish: phospho-chromatation treated and polyester powder-coated in 16 phases to increase weather resistance	
Fixing: steel bracket		
Ø power cable: 10 ÷ 14 mm	<b>Colors</b>	
Cable Gland: PG16	<div>■ Grey RAL9006</div>	Code: <b>06NN2C472028AHM4</b>
Power supply compartment: independent from the optical group		

## 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.