

# N3

# NEWTON 2.0



NEWTON 2.0 é una gamma completa di proiettori altamente performanti. Disponibile in quattro taglie x-small, small, medium e large, il sistema offre un range di flussi ed una combinazione di ottiche che lo rende adatto per l'illuminazione di impianti sportivi, grandi aree esterne ed aree perimetrali.

NEWTON 2.0 is a complete range of high-performance floodlights. Available in four sizes x-small, small, medium e large, the system offers a range of fluxes and a combination of optics that makes it suitable for lighting sports facilities, large outdoor areas and perimeter areas.



MILAN  
Italy

Cariboni Group

GENOA  
Italy





220-240V	50 60Hz	CL II	CL I*	IP66	IK09	ta -30°C +50°C
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(\*) Le versioni large alla massima potenza sono disponibili in CL I  
Large versions at maximum power are in CL I

**DATI PRESTAZIONALI / PERFORMANCE DATA**

**Flusso apparecchio / Fitting flux:**  
1670 - 64050 lm

**Potenza apparecchio / Fitting power:**  
12 - 498 W

**Indice di resa cromatica / Colour Rendering Index:**  
≥ 70, SDCM ≤ 3

**Illuminazione intelligente / Smart lighting:**  
mezzanotte virtuale, DALI e opzione emergenza (standard nella versione large). Su richiesta DALI (versioni x-small, small e medium), ZHAGA, CLO / virtual midnight, DALI and emergency options (standard large version). On request DALI (x-small, small e medium versions), ZHAGA, CLO

**MATERIALI / MATERIALS**

**Corpo e sistemi di fissaggio / Body and fitting system:**  
pressofusione di lega d'alluminio UNI EN AB 47100 (contenuto rame < 1%) / die-cast aluminium alloy UNI EN AB 47100 (copper content < 1%)

**Schermo / Screen:**  
vetro piano temprato / tempered flat glass

**Gruppo ottico / Optical unit:**  
lenti PMMA ad alta trasparenza  
PMMA high transparent lenses

**Finitura / Finish:**  
fosfocromatazione e verniciatura in polveri di poliestere realizzata in 16 fasi per la miglior resistenza agli agenti atmosferici / phospho-chromatation treated and polyester powder-coated in 16 phases to increase weather resistance

**Sistema di fissaggio / Fastening system:**  
staffa orientabile in acciaio verniciato (x-small, small, medium), staffa in acciaio INOX AISI 304 (large) / painted steel adjustable bracket (x-small, small, medium), stainless steel AISI 304 bracket (large)

**TEMPERATURA COLORE / COLOUR TEMPERATURE**

- 3000 K
- 4000 K

**COLORE / COLOUR**

- RAL9006



**CARATTERISTICHE / FEATURES**

**Peso massimo / Max weight:**  
4 kg (x-small), 6,8 kg (small), 9,8 kg (medium), 14 kg (large)

**Alimentazione elettronica / Electronic power supply:**  
inclusa, disponibili versioni large con cablaggio remoto included, available large version with remote driver

**Predisposizione valvola GORE® nelle versioni large per regolare la pressione interna in ambienti ostili / Predisposition to GORE® valve in large versions to regulate internal pressure in hostile environments**

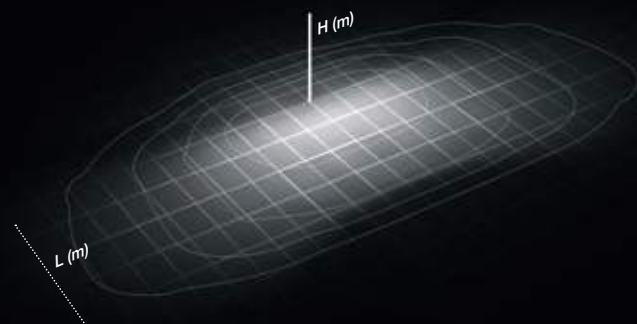
**Installazione / Installation:**  
parete, soffitto, palo / wall, ceiling, pole  
predisposizione entra-esci / predisposition IN-OUT

**Orientabilità / Adjustability:**  
**-90° ÷ +90° in regolazione continua / -90° ÷ +90° continuously**

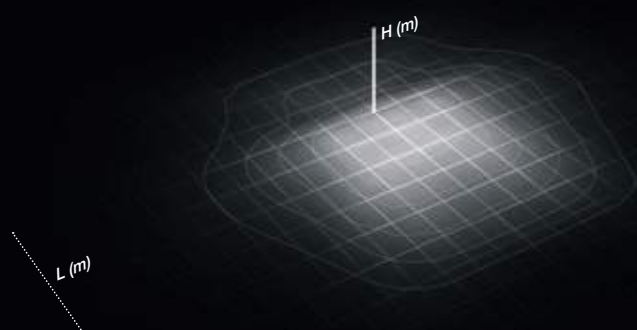
**Resistenza alle pallonate / Safety against ball throwing:**  
**le varianti Newton 2.0 medium e large hanno superato il test di resistenza alle pallonate secondo la Norma DIN 18032-3 / the Newton 2.0 medium and large variants have passed the ball throwing test according to DIN 18032-3**



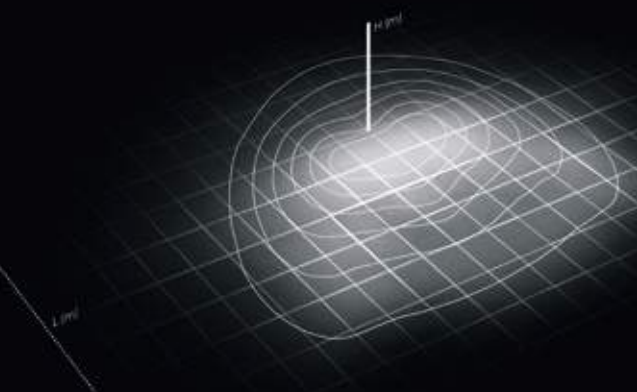
LA-03 Wide street  
L / H = 1,25



LT-63 Asymmetric beam  
L / H = 2



LT-64 Asymmetric beam with backlight  
L / H = 2



## Newton 2.0

Newton 2.0  
x-small



Newton 2.0  
small



Newton 2.0  
medium



Newton 2.0  
large



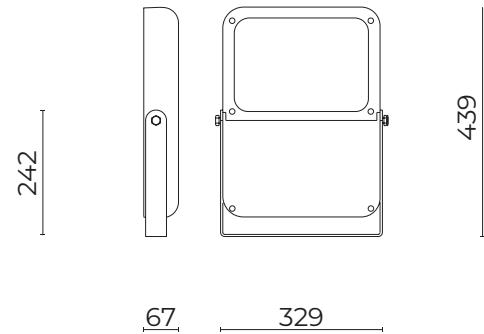
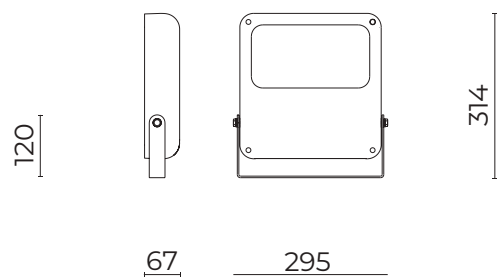
**Newton 2.0**

parete, soffitto, palo / wall, ceiling, pole



**XSMALL**

**SMALL**



**DATI TECNICI / TECHNICAL DATA**

**Installazione / Installation:**  
parete, soffitto, palo / wall, ceiling, pole

**Orientabilità / Orientability:**  
staffa orientabile in regolazione continua -90° + 90°  
continuously adjustable bracket -90° + 90°

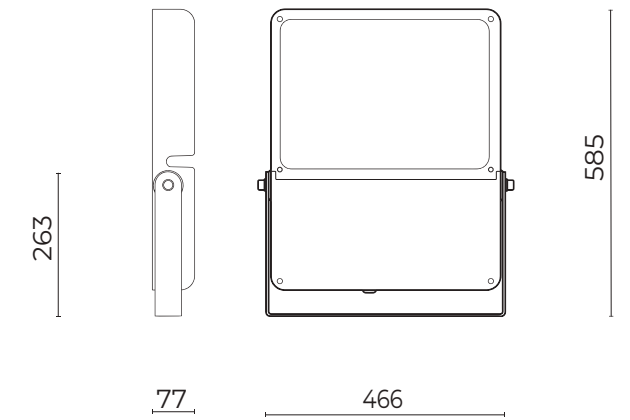
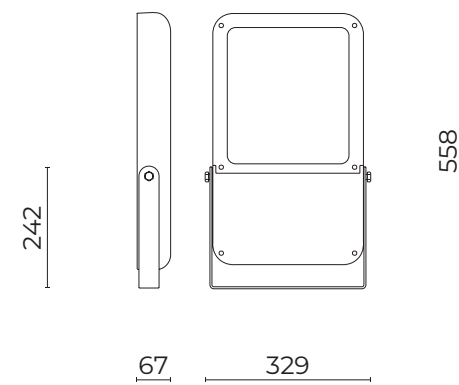
**Newton 2.0**

parete, soffitto, palo / wall, ceiling, pole



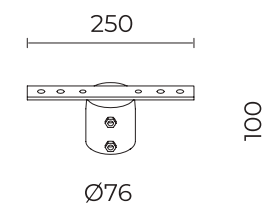
**MEDIUM**

**LARGE**



**ACCESSORI / ACCESSORIES**

**06NW902C0**  
**L14 - Kit testa palo per pali**  
Post top kit for poles  
(Newton 2.0 small e medium)



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**Metalmek**

**Cariboni**  
group

 **LIVAL**

**NORDIC**  **ALUMINIUM**