FLEXA
LIGHTING

# NEIL

Recessed optic downlight

CE 45mm IP44 made in Italy

design Roberto Mantovani



The Neil range of recessed luminaires, powered at 24VDC, combines high performance with incredibly compact dimensions. The recessed optic ensures a high level of visual comfort. Featuring an innovative design developed to optimise heat dissipation, the range offers the possibility to combine different colour temperatures and beam angles.

La gamma di incassi Neil, alimentati a 24VDC, combina alte prestazioni ad una dimensione incredibilmente contenuta. L'ottica arretrata garantisce un alto comfort visivo Rivoluzionari per il design funzionale alla dissipazione, offrono la possibilità di combinare temperature colore ed aperture di fascio.

La gamme d'encastrés Neil, alimentée en 24VDC, associe des performances élevées à des dimensions incroyablement compactes. L'optique en retrait garantit un haut niveau de confort visuel. Dotée d'un design innovant conçu pour optimiser la dissipation thermique, la gamme permet de combiner différentes températures de couleur et différents angles de faisceau.

Die mit 24VDC betriebenen Einbauleuchten der Serie Neil verbinden hohe Leistung mit außergewöhnlich kompakten Abmessungen. Die zurückversetzte Optik gewährleistet einen hohen visuellen Komfort. Ihr innovatives, auf eine optimale Wärmeableitung ausgelegtes Design ermöglicht die Kombination verschiedener Farbtemperaturen und Abstrahlwinkel.

La gama de luminarias empotrables Neil, alimentada a 24VDC, combina altas prestaciones con dimensiones increíblemente compactas. La óptica retranqueada garantiza un elevado confort visual. Caracterizada por un diseño innovador desarrollado para optimizar la disipación térmica, la gama permite combinar diferentes temperaturas de color y aperturas de haz.

**Supply current**
24 VDC

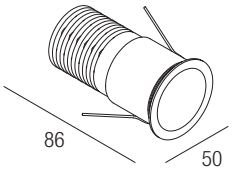
**Power**
7W

**Parallel wiring**

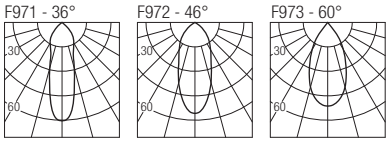
**CRI**
85 (2200K)
93 (2700K-3000K-4000K)

**2-Step MacAdam**

**Dimensions**




**Photometric diagrams**




**CCT/CRI/Flux**

| | |
|---|---|
| 2200K | **570 lm** |
| 2700K | **590 lm** |
| 3000K | **650 lm** |
| 4000K | **670 lm** |

**Code construction**

NL X XX X

| | | | |
|---|---|---|---|
| | | | **S** 36° |
| | | | **M** 46° |
| | | | **W** 60° |
| | **18** 2200K | | |
| | **29** 2700K | | |
| | **39** 3000K | | |
| | **49** 4000K | | |
| **1** White | | | |
| **2** Grey | | | |
| **5** Black | | | |
| **6** Bronze | | | |

**Drivers 24VDC**

on/off

**AL2124** (1) IP20 28 mm
**AL2012** (1..3) IP20 60 mm
**AL2031** (1..10) IP20 70 mm
**AL2040** (1..21) IP20 80 mm

dimmable

**AL5012** (1..3) IP20 DALI 2 PUSH 0/1..10V 45 mm
**AL5241** (3..14) IP20 DALI 2 PUSH 70 mm

dimming module

**AL7035** IP20 DALI 2 PUSH 0/1..10V 44 mm

**Note**
Dimming module AL7035 to be used in combination with a 24VDC on/off power supply.