5 Years
Product Warranty
UK Only

# Nyos

Kosnic
LIGHTING • SIMPLY BETTER

07450 NYO3IN06-W30

## Nyos, circular panel downlight, 3 inch, 6W, 3000K

- IP20 when ceiling recess mounted
- Flicker free
- Ultra-slim profile
- Optional DALI, 1-10V (0-10V) driver



## Overview

The Nyos circular LED Panel is an easy-to-retrofit replacement for downlights. These advanced panels are suitable for all areas, including visually demanding non-transient task areas such as offices and educational premises where users require uniform light. The Edge-Lit technology provides constant light across its surface.

IP44

## General Information

| | |
|---|---|
| Ambient Temperature Range (°C) | -20°C to 50°C |
| IK Rating | IK04 |
| IP Rating | IP44 |
| Protection Rating | Class II |
| Installation Area | Internal |
| L80B10 Lifetime (h) @Ta 25 °C | 50,000 h |

## Compliance

| | |
|---|---|
| LVD | EN 60598-1:2024, EN 60598-2-2:2012 |
| EMC | EN 55015:2019+A11:2020, EN 61000-3-2:2019+A1:2021, EN 61000-3-3:2013+A1:2019+A2:2021, EN 61547:2023 |
| Others | UKCA, CE, RoHS, WEEE |

| Technical Summary | |
|---|---|
| Product Code | NYO3IN06-W30 |
| Input Voltage Supply | 220-240Vac 50/60Hz |
| Inrush Current (peak/duration) (A) | 14.5A/60µs |
| Default Power | 6 W |
| Power Factor | 0.80 |
| Default CCT | 3,000 K |
| SDCM of CCT | <6 |
| CRI | 82 |
| Dimmable | N |
| Flicker | <2% |
| Lumens Output Maximum | 400 lm |
| Maximum Efficiency | 67 lm/W |
| L70B50 Lifetime (h) @Ta 25 °C | 50,000 h |
| L80B10 Lifetime (h) @Ta 25 °C | 50,000 h |
| L90B10 Lifetime (h) @Ta 25 °C | 32,000 h |
| Nominal Lifetime (h) | 50,000 h |
| Glow wire temperature(°C) | 650 |
| Blue Light Hazard | RG1 |
| Weight | 0.21Kg |
| Dimensions (L x W x D) (mm) | 22x∅123 |
| Cut-Out (mm) | ∅111mm |
| LS Energy Efficiency Class | D |

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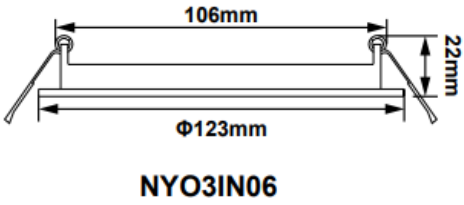
IP44

## General Information

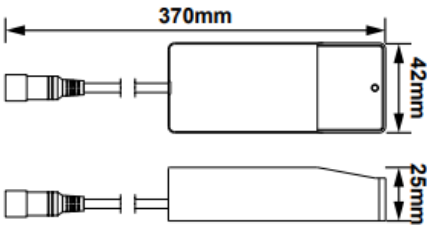
| | |
|---|---|
| Ambient Temperature Range (°C) | -20°C to 50°C |
| IK Rating | IK04 |
| IP Rating | IP44 |
| Nominal Lifetime (h) | 50,000 h |
| Protection Rating | Class II |
| Installation Area | Internal |

## Optional Gear

| Product Code | Description | Type |
|---|---|---|
| UEM03/ST | Universal Emergency Module 3W Self Test | Self-test Emergency Module |
| UEM03 | Universal Emergency Module 3W | Emergency Module |
| CYC030TDC30-90 | 30W DALI2 1-10V primary push dim driver (KL30C-PDiiV) | Dimmable Driver |
| EMPAD01 | Neka Emergency Downlight kit 2.5W Manual test | Emergency Module |
| EMPAD01/ST | Neka Emergency Downlight kit 3.5W Self-test | Self-test Emergency Module |
| DRC30/DA | Dimmable Driver: 30W DALI, 1-10V, Primary PUSH Driver | Dimmable Driver |




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