

# Nyos

07062 NYO4IN10-W40

## Nyos, circular panel downlight, 4 inch, 10W, 4000K

- 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.



## General Information

|                                |               |
|--------------------------------|---------------|
| Ambient Temperature Range (°C) | -20°C to 50°C |
| IK Rating                      | IK04          |
| IP Rating                      | IP44          |
| Protection Rating              | Class III     |
| 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                       | NYO4IN10-W40       |
| Input Voltage Supply               | 220-240Vac 50/60Hz |
| Inrush Current (peak/duration) (A) | 14.5A/60µs         |
| Default Power                      | 10 W               |
| Driver Code/Part number            | CYC012SNL030N      |
| Driver Maximum Power (W)           | 12                 |
| Driver Output Current (mA)         | 300                |
| Power Factor                       | 0.90               |
| Driver Power Factor                | 0.9                |
| Default CCT                        | 4,000 K            |
| SDCM of CCT                        | <6                 |
| CRI                                | ≥82                |
| Dimmable                           | N                  |
| Flicker                            | <2%                |
| Lumens Output Maximum              | 780 lm             |
| Maximum Efficiency                 | 78 lm/W            |
| Emergency Luminous Flux            | 250 lm             |
| 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                             | 0.25Kg             |
| Dimensions (L x W x D) (mm)        | 28xØ150            |
| Cut-Out (mm)                       | Ø134mm             |
| LS Energy Efficiency Class         | F                  |

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## Optional Gear

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

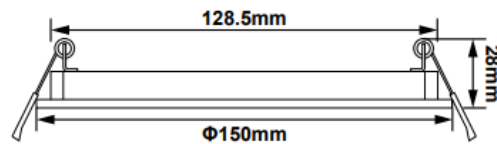
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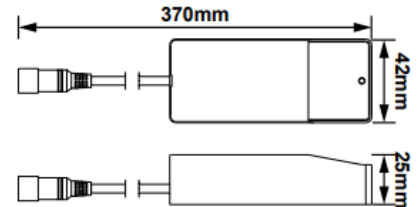


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