5 Years
Product Warranty
UK Only

Nyos

Kosnic
LIGHTING • SIMPLY BETTER

09080 NYO8IN18-W40

Nyos, circular panel downlight, 8 inch, 18W, 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.

III IP44

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	NYO8IN18-W40
Input Voltage Supply	220-240Vac 50/60Hz
Inrush Current (peak/duration) (A)	20.5A/90µs
Default Power	18 W
Driver Code/Part number	CYC017SNL030N
Driver Maximum Power (W)	17
Driver Output Current (mA)	300
Power Factor	0.96
Driver Power Factor	0.9
Default CCT	4,000 K
SDCM of CCT	<6
CRI	≥82
Dimmable	N
Flicker	<2%
Lumens Output Maximum	1,700 lm
Maximum Efficiency	95 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	0.56Kg
Dimensions (L x W x D) (mm)	28x∅240
Cut-Out (mm)	∅222mm
LS Energy Efficiency Class	E

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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
DRC30/DA	DALI-2 Dimmable Driver 30W 1-10V Push dimming	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

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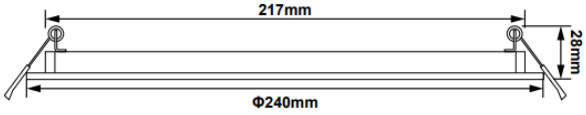
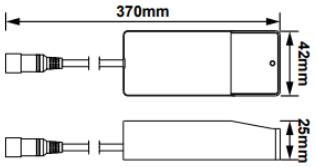


NYO8IN18



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