

# Nyos Pro

08104 NYOP8IN18-SCT

## Nyos Pro circular panel downlight 8 inch 13.5-18W CCT

- Switchable CCT
- Ultra slim profile
- IP44 when recessed mounted
- Flicker free
- Optional DALI, 1-10V (0-10V) driver
- Loop-in & loop-out push wire connector is included



### Overview

Nyos Pro Circular LED Panel is an easy-to-retrofit replacement for downlights with wattage and CCT switchable options. This edge-lit panel is suitable for all areas, including visually demanding non-transient task areas such as offices and educational premises where users require uniform light to maintain well-being.



### General Information

Ambient Temperature Range (°C)	-20°C to 50°C
IK Rating	IK02
IP Rating	IP44
Protection Rating	Class III
Installation Area	Internal
L80B10 Lifetime (h) @Ta 25 °C	47,000 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	NYOP8IN18-SCT
Input Voltage Supply	220-240Vac 50/60Hz
Inrush Current (peak/duration) (A)	4A/80µs
Settable Wattages	13.5W, 18W
Driver Code/Part number	DR16C3445
Driver Maximum Power (W)	16.2
Driver Output Current (mA)	340/450
Power Factor	0.95
Driver Power Factor	0.9
Settable Colour Temperatures	3000K, 4000K, 6000K
SDCM of CCT	<6
CRI	82
Dimmable	N
Flicker	<5%
Lumens Output Maximum	2,250 lm
Maximum Efficiency	125 lm/W
Emergency Luminous Flux	400 lm
L70B50 Lifetime (h) @Ta 25 °C	73,000 h
L80B10 Lifetime (h) @Ta 25 °C	47,000 h
L90B10 Lifetime (h) @Ta 25 °C	23,000 h
Nominal Lifetime (h)	50,000 h
Glow wire temperature(°C)	650
Blue Light Hazard	RG1
Weight	0.5Kg
Dimensions (L x W x D) (mm)	19xØ225
Cut-Out (mm)	Ø200
Beam Angle - Lumi (°)	100
LS Energy Efficiency Class	E

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## Optional Gear

Product Code	Description	Type
UEM03	Universal Emergency Module 3W	Emergency Module
UEM03/ST	Universal Emergency Module 3W Self Test	Self-test Emergency Module
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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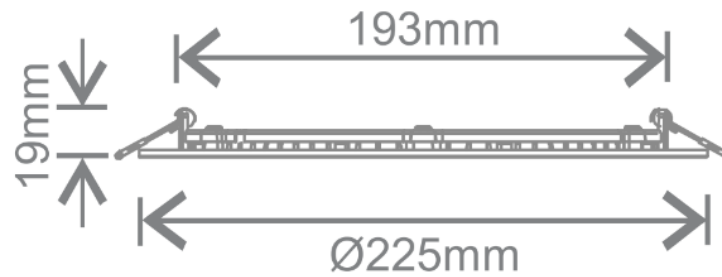
**IP44**



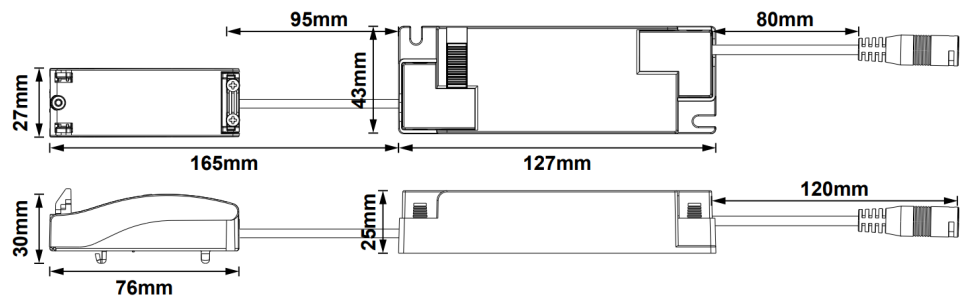
## General Information

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IK Rating	IK02
IP Rating	IP44
Nominal Lifetime (h)	50,000 h
Protection Rating	Class III
Installation Area	Internal

Rated Power (W)	Current (mA)	CCT (k)	Total Lumen (lm)
13.5	64	3000	1550
13.5	64	4000	1680
13.5	64	6000	1680
18	82	3000	2070
18	82	4000	2250
18	82	6000	2250



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