5 Years
Product Warranty
UK Only

Nyos Pro

Kosnic
LIGHTING • SIMPLY BETTER

08102 NYOP5IN09-SCT

Nyos Pro circular panel downlight 5 inch 7-9W CCT switchable

- 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.

III IP44

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	NYOP5IN09-SCT
Input Voltage Supply	220-240Vac 50/60Hz
Inrush Current (peak/duration) (A)	3A/70µs
Settable Wattages	7W, 9W
Driver Code/Part number	DR08C1822
Driver Maximum Power (W)	8.3
Driver Output Current (mA)	180/225
Power Factor	0.93
Driver Power Factor	0.8
Settable Colour Temperatures	3000K, 4000K, 6000K
SDCM of CCT	<6
CRI	82
Dimmable	N
Flicker	<5%
Lumens Output Maximum	1,130 lm
Maximum Efficiency	126 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	0.287Kg
Dimensions (L x W x D) (mm)	19x∅145
Cut-Out (mm)	∅125
Beam Angle - Lumi (°)	100
LS Energy Efficiency Class	E

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Optional Gear

Product Code	Description	Type
DRC20/DA	Dimmable Driver: 20W DALI2 primary push dim driver	Dimmable Driver
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

Overview

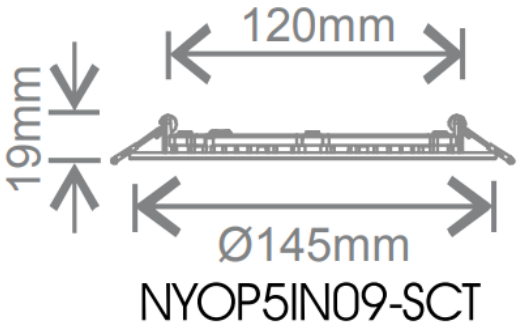
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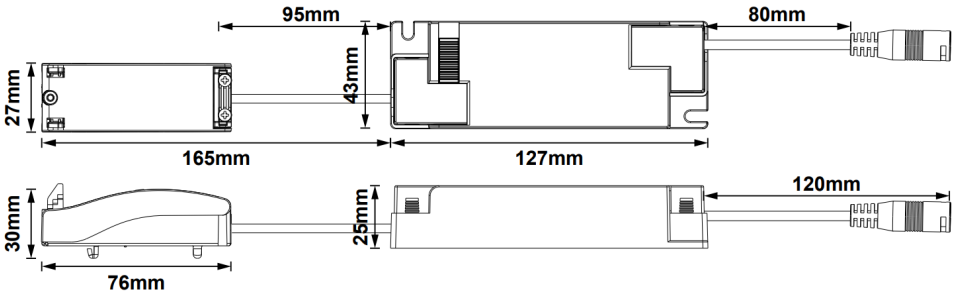
III IP44

Rated Power (W)	Current (mA)	CCT (k)	Total Lumen (lm)
7	34	3000	810
7	34	4000	880
7	34	6000	880
9	42	3000	1035
9	42	4000	1130
9	42	6000	1130

General Information

Ambient Temperature Range (°C)	-20°C to 50°C
IK Rating	IK02
IP Rating	IP44
Nominal Lifetime (h)	50,000 h
Protection Rating	Class III
Installation Area	Internal





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