5 Years
Product Warranty
UK Only

Nyos Pro

Kosnic
LIGHTING • SIMPLY BETTER

08103 NYOP6IN12-SCT

Nyos Pro circular panel downlight 6 inch 8-12W 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	NYOP6IN12-SCT
Input Voltage Supply	220-240Vac 50/60Hz
Inrush Current (peak/duration) (A)	3.3A/80µs
Settable Wattages	8W, 12W
Driver Code/Part number	DR10C2130
Driver Maximum Power (W)	10.8
Driver Output Current (mA)	210/300
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	1,500 lm
Maximum Efficiency	125 lm/W
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	0.345Kg
Dimensions (L x W x D) (mm)	19x∅170
Cut-Out (mm)	∅150
Beam Angle - Lumi (°)	100
LS Energy Efficiency Class	E

Tel: 01635 523 713
Email: sales@kosnic.com
Kosnic.com
Kosnic Lighting KosnicUK KosnicLightingUK

5 Years
Product Warranty
UK Only

Nyos Pro

Kosnic
LIGHTING • SIMPLY BETTER

08103 NYOP6IN12-SCT

Optional Gear

Product Code	Description	Type
DRC20/DA	DALI-2 Dimmable Driver 20W Push dimming	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

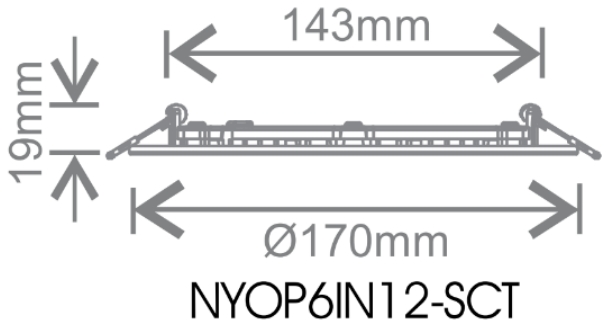
Nyos Pro Circular LED Panel is an easy-to-retrofit replacement for downlights with wattage and CCT switchable options. This edge-lit panel is suitable for all areas, including visually demanding non-transient task areas such as offices and educational premises where users require uniform light to maintain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

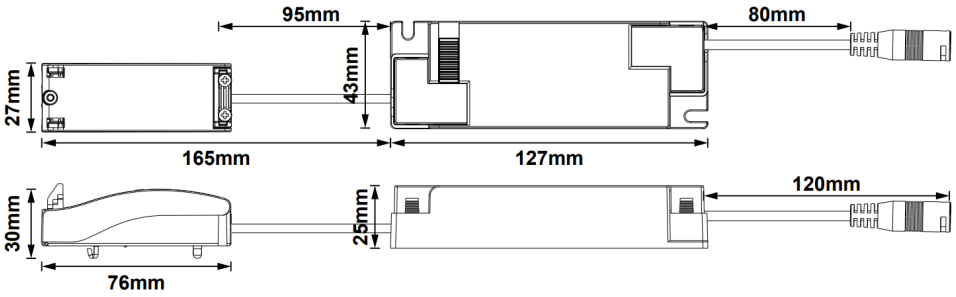
III IP44

Rated Power (W)	Current (mA)	CCT (k)	Total Lumen (lm)
8	39	3000	920
8	39	4000	1000
8	39	6000	1000
12	56	3000	1380
12	56	4000	1500
12	56	6000	1500

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





Tel: 01635 523 713
Email: sales@kosnic.com
Kosnic.com
Kosnic Lighting KosnicUK KosnicLightingUK KosnicUK