



Nyos

Nyos 6W Edge-lit circular LED panel downlight, 6500k

The Kosnic 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 to maintain well-being. The Kosnic circular LED Panel offers Edge-Lit technology to achieve constant light across the surface of the luminaire. • IP20 when ceiling recess mounted • Ultra-slim profile • Flicker free • Optional DALI, 1-10V (0-10V) driver • Optional Emergency module and Self-Test Emergency module

NYO3IN06-W65 (07272)

Specification

Voltage	220-240Vac 50/60Hz
Current (mA)	33
Rated Power (W)	6
CCT Words	Day Light
CCT (K)	6500
Total Luminous Flux (lm)	450
Nominal Lifetime (h)	40000
L70B50 Lifetime (h)	50000
L80B10 Lifetime (h)	50000
L90 Lifetime (h)	32000
Blue Light Hazard	RG1
Glow wire temperature(°C)	650
SDCM of CCT	<6
Flicker %	<2%
Power Factor	0.8
Cut-Out (mm)	111
Ambient Temperature Range (°C)	-20 to 40
Weight (kg)	0.21
In-rush current (peak/duration) (A)	14.5 A / 60 µs
Protection Rating	Class III Luminaire, Class II driver
IK Rating	IK04
IP Rating	IP44 Luminaire, IP20 driver
Emergency Luminous Flux (lm)	130
Driver Part Number	CYC006SNL017N
Driver Input Voltage	220-240 Vac 50/60Hz
Driver Maximum Input Current (mA)	33
Driver Maximum Power (W)	6
Driver Output Voltage (Vdc)	24-36
Driver Output Current (mA)	170

Driver Dimensions (L x W x D) (mm)	102 x 42 x 25
Driver Power Factor	>0.8
Driver Ripple Current (%)	<10
Driver Maximum Case Temperature (°C)	75

Light Source Specification

Lighting Technology Used	LED
Directional / Non Directional (DLS/NDLS)	NDLS
Light Source Cap Type (or other interface)	Connector
Mains / Non-Mains (MLS/NMLS)	NMLS
Connected Light source (Y/N)	N
Colour Tunable Light Source (Y/N)	N
High Luminance Light Source (Y/N)	N
Anti-Glare Shield (Y/N)	N
Dimmable (Y/N/Specific dimmer)	N
Energy Consumption in on-mode (kWh/1000H)	5
Energy Efficiency Class	D
Useful Luminous Flux (lm)	750
Beam Angle correspondence (in 360°/120°/90°)	in 360°
CCT	6500
On-Mode Power (Pon) (W)	5
Standby Power (Psb) (W)	0
Networked Standby Power (Pnet) (W)	N/A
CRI	82
CRI (min)	80
CRI (max)	84
Height (mm)	7
Width (mm)	90
Depth (mm)	90
Claim of Equivalent Power? (Y/N)	N
Equivalent Power (W)	N/A

Chromaticity Co-Ordinates (X)	0.310
Chromaticity Co-Ordinates (Y)	0.336
Peak Luminous Intensity (DLS) (cd)	N/A
Beam Angle (DLS)	N/A
Beam Angle (min)(DLS)	N/A
Beam Angle (max) (DLS)	N/A
Survival Factor (x.xx)	0.9
Lumen Maintenance Factor (x.xx)	0.96
Displacement Factor	N/A
Colour Consistency in Mcadam Ellipses (Mains LED/OLED)	N/A
LED light source replaces flourescent withouth integrated ballast of particular wattage (Mains LED/OLED) (Y/N)	N/A
Replacement W Claim (Mains LED/OLED) (W)	N/A
Flicker metric (pst LM) (x,x)	N/A
Storboscopic effect metric (SVM) (x,x)	N/A
Light Source Supply	30Vdc 170mA

Optional Gears and Accessories

Optional Gears 1	Emergency Module UEM03
Optional Gears 2	Self-Test Emergency Module UEM03/ST
Optional Gears 3	Battery BAT48LI1

Technical Drawings

