

NEVE PLUS 18W

NEVE PLUS SQUARE PANEL LIGHT

Indoor Luminaire

Product Code:

LNEP01S018XC / LNEP01S018XN / LNEP01S018XW
18W - 1350lm - 6500K - CRI>80 Ra - Beam Angle 120°



Technical Specifications

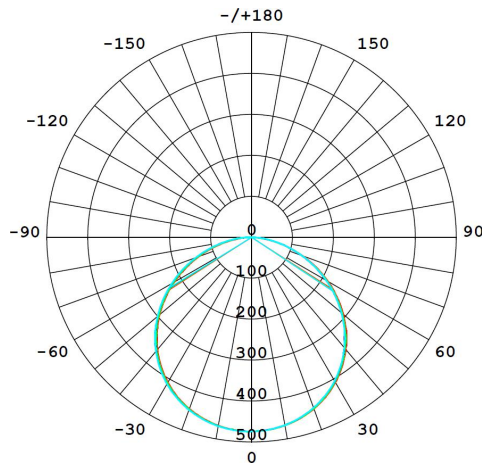
Operating Temperature	-10°C to 40°C
Rated Input Voltage & Frequency	230 VAC, 50Hz
Rated Input Wattage	18W ± 10%
Rated Input Current	0.085 Amp (Nominal)
Power Factor	≥0.9
THD	<10%
Rated Luminous Flux	1350 lm / 1260 lm / 1170 lm (tolerance as per BIS)
Rated Luminaire Efficacy	75 lm/W / 70 lm/W / 65 lm/W (tolerance as per BIS)
Correlated Color Temperature (CCT)	6500 K / 4000 K / 3000 K (tolerance as per ANSI)
Color Rendering Index (CRI)	>80 Ra
Beam Angle	120° (within the permissible limits)
Driver Efficiency	≥85%
LED Life Span	>50000 Hrs (Ta=25°C @L70)
Housing	Die Cast Aluminium with White Powder Coating
Lens / Reflector	PC Diffuser
Mounting	Recessed

Protections

Over Voltage Protection	Withstand upto 360V/AC for 4 Hrs.
Surge Protection	±2.5KV
Protection Class	Class II
Ingress Protection (IP Rating)	IP20
Impact Protection (IK Rating)	IK02
Short Circuit Protection	Provided
Open Circuit Protection (No Load)	Provided
Reverse Polarity Protection	Provided

All technical data is subject to industry-standard tolerances.

Light Distribution

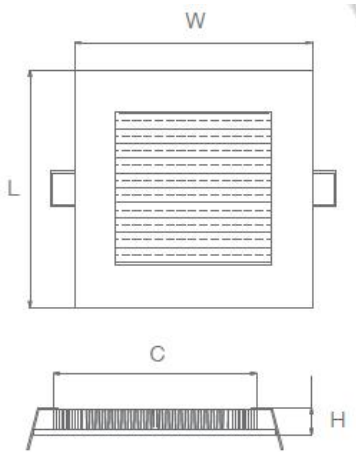


UGR Table

ceiling/cavity	0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
walls	0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Room dimensions	Viewed crosswise					Viewed endwise				
x = 2H y = 2H	16.8	18.4	17.1	18.6	18.8	16.7	18.3	17.0	18.5	18.7
3H	18.3	19.8	18.6	20.0	20.2	18.2	19.7	18.5	19.9	20.1
4H	18.9	20.3	19.2	20.5	20.8	18.8	20.2	19.1	20.4	20.7
6H	19.3	20.6	19.6	20.8	21.1	19.2	20.5	19.6	20.8	21.1
8H	19.4	20.6	19.7	20.9	21.2	19.4	20.6	19.7	20.9	21.2
12H	19.4	20.6	19.8	20.9	21.2	19.4	20.6	19.8	20.9	21.2
4H 2H	17.4	18.8	17.7	19.0	19.3	17.4	18.7	17.7	19.0	19.2
3H	19.1	20.3	19.5	20.6	20.9	19.0	20.2	19.4	20.5	20.8
4H	19.8	20.9	20.2	21.2	21.5	19.7	20.8	20.1	21.1	21.5
6H	20.3	21.2	20.7	21.6	22.0	20.3	21.2	20.7	21.6	22.0
8H	20.4	21.3	20.8	21.7	22.1	20.5	21.3	20.9	21.7	22.1
12H	20.5	21.3	20.9	21.7	22.1	20.6	21.4	21.0	21.8	22.2
8H 4H	20.0	20.9	20.5	21.3	21.7	20.0	20.9	20.4	21.3	21.6
6H	20.7	21.4	21.1	21.8	22.2	20.7	21.4	21.1	21.8	22.2
8H	20.9	21.5	21.3	22.0	22.4	20.9	21.6	21.4	22.0	22.5
12H	21.0	21.6	21.5	22.0	22.5	21.1	21.7	21.6	22.1	22.6
12H 4H	20.0	20.9	20.5	21.3	21.7	20.0	20.8	20.4	21.2	21.6
6H	20.7	21.4	21.2	21.8	22.2	20.7	21.4	21.2	21.8	22.3
8H	20.9	21.5	21.4	22.0	22.4	21.0	21.6	21.5	22.0	22.5
Variations with the observer position at spacings (CIE Pub.117):										
S = 1.0H	+ 0.2 / - 0.2					+ 0.2 / - 0.2				
1.5H	+ 0.2 / - 0.3					+ 0.2 / - 0.3				
2.0H	+ 0.2 / - 0.3					+ 0.2 / - 0.3				

Product Dimensions (L X W X H), Cutout (L X W)

225 X 225 X 20 mm, Cutout 206 x 206 mm



Applications

Residences, Offices, Small Retail Shops, Hotels, Coffee Shops, Restaurants, Hospitals, area lighting and for other indoor applications.