Jaquar | BATH + LIGHT

Date: 28/07/2023
Revision No.: 00



NEVE PLUS 12W

NEVE PLUS SQUARE PANEL LIGHT

Indoor Luminaire

Product Code:

LNEP01S012XC / LNEP01S012XN / LNEP01S012XW

12W - 840lm - 6500K - CRI>80 Ra - Beam Angle 120°

Technical Specifications

Operating Temperature	-10℃ to 40℃
Rated Input Voltage & Frequency	230 VAC, 50Hz
Rated Input Wattage	12W ± 10%
Rated Input Current	0.060 Amp (Nominal)
Power Factor	≥0.9
THD	<10%
Rated Luminous Flux	840 lm / 780 lm / 720 lm (tolerance as per BIS)
Rated Luminaire Efficacy	70 lm/W / 65 lm/W / 60 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℃ @L70)
Housing	Die Cast Aluminium with White Powder Coating
Lens / Reflector	PC Diffuser
Mounting	Recessed

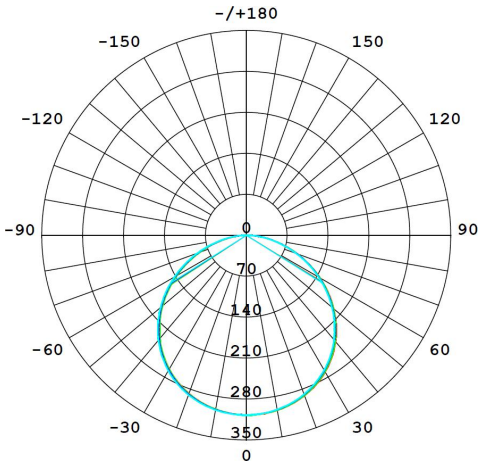
Protections

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.

With our continuous efforts to upgrade the technology/product, all product specifications and data are subject to change without prior notice. We always try to maintain the accuracy of our product images, but due to different viewing conditions, the colors may vary. Images are only for indicative purpose.

Light Distribution



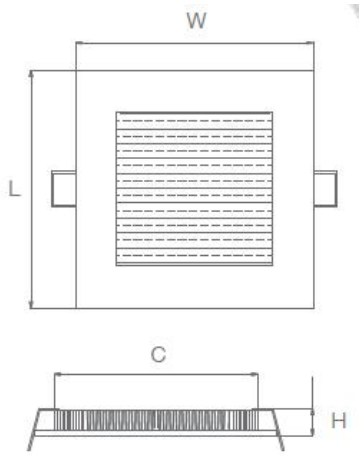
UGR Table

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	17.1	18.6	17.4	18.8	19.0	17.0	18.5	17.3	18.7	18.9
	3H	18.7	20.1	19.0	20.3	20.6	18.5	20.0	18.8	20.2	20.4
	4H	19.3	20.7	19.6	20.9	21.2	19.2	20.5	19.5	20.8	21.0
	6H	19.8	21.1	20.2	21.4	21.6	19.7	20.9	20.0	21.2	21.5
	8H	20.0	21.2	20.3	21.5	21.8	19.8	21.1	20.2	21.3	21.6
	12H	20.1	21.3	20.5	21.6	21.9	19.9	21.1	20.3	21.4	21.7
4H	2H	17.7	19.1	18.0	19.3	19.6	17.6	19.0	17.9	19.2	19.5
	3H	19.5	20.7	19.8	21.0	21.3	19.4	20.6	19.7	20.9	21.2
	4H	20.3	21.3	20.6	21.7	22.0	20.1	21.2	20.5	21.6	21.9
	6H	20.9	21.9	21.3	22.2	22.6	20.8	21.7	21.2	22.1	22.4
	8H	21.1	22.0	21.5	22.4	22.8	21.0	21.9	21.4	22.3	22.6
	12H	21.3	22.1	21.7	22.5	22.9	21.1	22.0	21.6	22.4	22.8
8H	4H	20.5	21.4	21.0	21.8	22.2	20.5	21.4	20.9	21.7	22.1
	6H	21.3	22.1	21.8	22.5	22.9	21.2	22.0	21.7	22.4	22.8
	8H	21.7	22.3	22.1	22.8	23.2	21.6	22.2	22.0	22.6	23.1
	12H	22.0	22.5	22.4	23.0	23.5	21.8	22.4	22.3	22.8	23.3
12H	4H	20.6	21.4	21.0	21.8	22.2	20.5	21.3	20.9	21.7	22.1
	6H	21.4	22.1	21.9	22.5	23.0	21.3	22.0	21.8	22.4	22.9
	8H	21.8	22.4	22.3	22.8	23.3	21.7	22.3	22.2	22.7	23.2
Variations with the observer position at spacings (CIE Pub.117):											
S = 1.0H		+ 0.1 / - 0.2					+ 0.1 / - 0.2				
1.5H		+ 0.2 / - 0.3					+ 0.2 / - 0.3				
2.0H		+ 0.1 / - 0.3					+ 0.2 / - 0.3				

With our continuous efforts to upgrade the technology/product, all product specifications and data are subject to change without prior notice. We always try to maintain the accuracy of our product images, but due to different viewing conditions, the colors may vary. Images are only for indicative purpose.

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

174 X 174 X 20 mm, Cutout 154 X 154 mm



Applications

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

With our continuous efforts to upgrade the technology/product, all product specifications and data are subject to change without prior notice. We always try to maintain the accuracy of our product images, but due to different viewing conditions, the colors may vary. Images are only for indicative purposes.