

# **NEWLITE SOLUTIONS LTD**

## **Data Sheet 1200 x 600 LED Panel Light 72w (White Frame)**



**Product Name LED Panel light (White Frame)**

**Model NLS-1200x600mm**

Newlite Solutions Ltd  
Tel.: 01132 453089 email: [troy@newlitesolutions.co.uk](mailto:troy@newlitesolutions.co.uk)



# NEWLITE SOLUTIONS LTD

## Features:

1. Energy saved up to 50%. High brightness with even light output.
2. 3-years life time
3. Wide range of input voltage, AC100-240V
4. Instant start, no flickering, no humming
5. New high efficiency constant current driver
6. Special circuit design, each group of LEDs work separately avoiding any Problems of lighting output caused or influenced by single faulty LED
7. No electrical wave, conforming to CE
8. Green environmental protection, lead-free material, conforming to ROHS
9. No RF interference
10. UGR19 compliance, EN12464-1

## Applications:

1. Hotels
2. Conference/Meeting rooms
3. Factories & Offices
4. Commercial Purposes
5. Residential/Institution Buildings
6. Schools, Colleges & Universities
7. Hospitals
8. Places where energy saving and high color rendering index lightings are required

## MAIN SPECIFICATIONS (T=20°C)

NUMBR	ITEM	DESCRIPTION
01	Input Voltage, Frequency	AC96-265V , 50Hz
02	LED Power	70W
03	Total Power	72W ±2W
04	Luminous Flux	>5800Lm
05	LED Qty / LED CHIP	360 PCS (2835) / EPISTAR
06	Input Efficiency	80 lm/w
07	Color Temperature	2800-3500K(Warm White) 4000-4500K(Nature White) 5000-5500K (Pure White) 6000-6500K (Cool White)
08	Driver	Non Dimmable - Constant current power supply
09	Operating Temperature	-20°C to +45°C
10	Storage Temperature	-20°C to +85°C
11	Humidity Operating	10-80%
12	Humidity Storage	10-80%

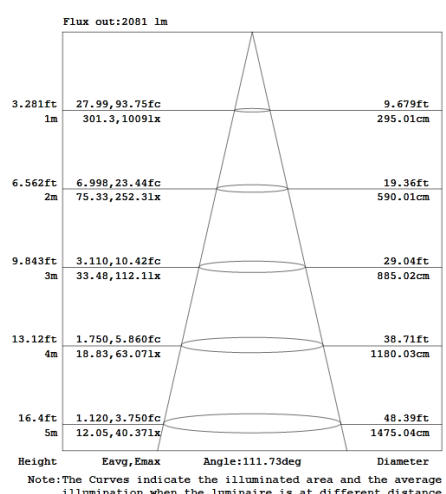
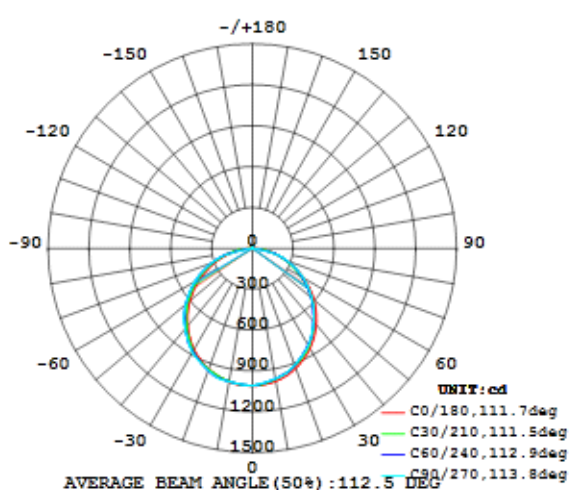
Newlite Solutions Ltd

Tel.: 01132 453089 email: [troy@newlitesolutions.co.uk](mailto:troy@newlitesolutions.co.uk)



# NEWLITE SOLUTIONS LTD

13	Luminosity	> 11800 LUX
14	2. 0M Luminosity	> 486 LUX
15	Certifications	CE, FCC, ROHS
16	Weight	7.0 KG
17	Size, Dimensions	595*1195*11.5mm
18	IK Code, IP Code	IK01, IP41
19	Beam Angle	120D
20	Luminaires Class	Class II
21	Body Type	Aluminum, PMMA, PS



## Safety Notice:

1. Please always use the light out of its package.
2. Before starting use of the light, please check if the light was damaged during transportation. If any damage shown, please DO not install or use it.
3. Any maintenance should be performed by trained professionals only.
4. Keep packaging material away from the reach of children and pets. Risk of suffocation!
5. Caution: The packaging contains small parts that may be swallowed by children.
6. Never leave children unattended in the vicinity of the lights and do not allow them to play with electrical devices.
7. Try to avoid looking directly in the LED beam-especially for extended periods of time. Do not shine the LED light in another person's eyes.
8. Never cover the lights by other objects.
9. Never allow the light to come into contact with open flames or external heat sources.

Newlite Solutions Ltd  
Tel.: 01132 453089 email: [troy@newlitesolutions.co.uk](mailto:troy@newlitesolutions.co.uk)



# NEWLITE SOLUTIONS LTD

## Maintenance:

1. Prior to cleaning the light, make sure it has been disconnected from the power supply.
2. Use a dry or slightly moistened cloth for cleaning.
3. Never use any chemicals or abrasives for cleaning.

## Installation:

1. This product should be installed by trained electricians.
2. Check integrity of the products when unpacking.
3. The distance between the light and any flammable materials must not be less than 0.2m. The distance between the upper part of the installed light and the ceiling must not be less than 2cm. The light must not be installed into ceilings or walls that contain heat-insulating material.
4. The main cable must not connect with the low voltage cable or the surface-mounted lights.
5. Guide the lights' connecting cables through the drilled-out hole, and fix the surface-mounted lights with the pre-fitted clips. Make sure that these are securely connected to the base material.
6. When laying the cables, make sure that the cables and plugs are not subjected to any tensile or twisting forces. Fit the cable tension relieving mechanisms to the connection points of the surface-mounted lights. Do not kink cables. Output cables should be laid separately and at a distance from other cables.
7. After installation, connect the transformer to the mains supply. Proceed by connecting the wiring cables to the luminaries. Usually, the brown (or black) wire is the Live wire, connect it with the terminal marked 'L'. The blue wire is Neutral wire, connect it with the terminal marked 'N'.

## Disposal:

1. Use only the LED driver included, and do not connect the surface-mounted lights to other loads. Do not remove the name plate of the power supply and driver of the light.

## Notes:

Non-professionals are not allowed to disassemble and maintain the products. We have the right not to provide after-sale service if unauthorized product disassembly and maintenance is undertaken.

# NEWLITE SOLUTIONS LTD

Newlite Solutions Ltd  
Tel.: 01132 453089 email: [troy@newlitesolutions.co.uk](mailto:troy@newlitesolutions.co.uk)

