

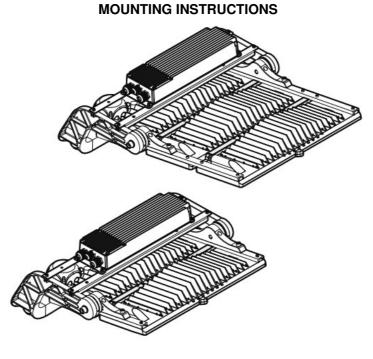
TRILUX LNPLUS Series LED Light Instruction Manual

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LUMENA PLUS 80 | 90 **LNPLUS 80 ... LNPLUS 90 ...**



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LNPLUS Series LED Light

For your safety

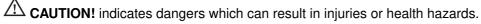
Read all instructions and mounting steps carefully. Keep the instructions for maintenanc eordisas sembly work.

Explanation of the warning levels

Observe and follow the warnings. Non-obser vance of the warnings may lead to injuries or material damage!



WARNING! Indicates dangers which can result in serious and/or fatal injuries.



 $f{i}$ **NOTICE.** Indicates dangers which can result in material damage or malfunctions.

TIP. Indicates information containing advice or a useful note.

Explanation of warning messages and instructional pictograms

WARNING! The electrical connectio A must be carried out by profession-al personnel who are trained and authorised.

WARNING! The assembly must be carried out by professional personn who are trained and authorised.

WARNING! Risk of electric shock!

Never work with electrical voltage applied.

WARNING! Risk of electric shock!

The light source of this luminaire shall only be replaced by the man-ufacturer or a service technician authorised by the manufacturer or a similar qualified person. If the light source malfunctions or fails, please contact TRILUX.

Aution! Risk of eye damage! Do not stare into the active light source.

LED module: risk group 2. Position the luminaire so that looking for a longer period of time into the luminaire at a distance closer than 0,2 mis not expected.

Protection against overheating Observe the minimum distance of 0,2 m from lighted objects.

Safety instructions and safety labels



Electronic control gear units (ECG)

A neutral conductor interruption in the three-phase circuit leads to overvoltage damage in the lighting system. Only open the neutral conductor isolating terminal in de-energised state, and close the neutral conductor isolating terminal before switching on again. Do not exceed the maxi-mum permissible ambient temperature ta of the luminaire. Exceeding this limit reduces the service life and in extreme cases there is a risk of premature failure of the luminaire. De-sign connection cables for the control inputs of DALI control gear (1-10 V, DALI etc.) to be 230 V mains voltage-proof (basic insulation).



Connecting cable (Y)

Operate the luminaire only with an undamaged outer cable. To avoid hazards, a damaged outer cable of this luminaire shall only be replaced by TRILUX, its service partner or a comparably qualified person.



Load effects

The luminaire meets the require-ments of IEC 60598 and is designed for the exposure to wind according to EN 1991 (Eurocode) with basic velocity of ≤ 30 m/s (corresponds to wind zone 4 in Germany) in terrain category 1. A snow load (< 4w kKN/m) and icing (≤ 20 mm) at a mounting height according to the mounting instructions are taken into account. Impact loads and exposed locations such as bridges, installation on buildings and installation directly adjacent to railway tracks are not taken into account.

→ LNPLUS 80 —; LNPLUS 90 —



Load effects

The luminaire meets the require-ments of IEC 60598 and is designed for the exposure to wind according to EN 1991 (Eurocode) with basic velocity of up to 30 m/s (corresponds to wind zone 4 in Germany) in terrain category 1. A snow load (≤ 1,6 KN/m')

and icing (≤ 20 mm) at a mounting height according to the mounting instructions are taken into account. Impact loads and exposed locations such as bridges, installation on buildings and in stallation directly adjacent to railway tracks are not taken into account.

→ LNPLUS 90 (2x) — + 0805 TRAVERSE S2/2 —

2-person installation

TRILUX recommends 2-person installation.

Cover Cover

Operate the Luminaire only with an undamaged cover.

Intended use

Intended for indoor use and covered outdoor use with ambient temperature of: t, 25 °C

Safety class: I

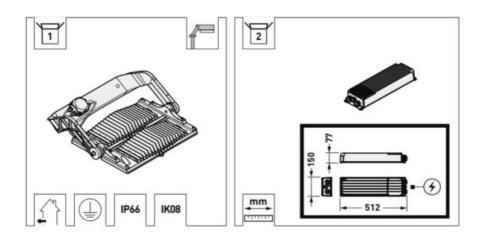
Protection rating: IP66

Disposal of waste electrical and electronic equipment

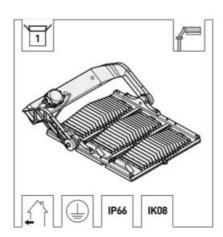
Always collect and dispose of old wh electrical and electronic equipment ames separately at the end of its ser-vice life. In case of doubt, seek information about environmentally-compliant waste disposal from your local district authority or special waste disposal companies. Cur-rent information on the energy efficiency class of the selected product version can be found in the corresponding data sheet for the luminaire. Instructions for replacing or removing the light source in accordance with Regulation 2019/2020/EU can be found at: www.trilux.com/EcoDesign

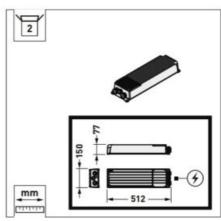
LUMENA PLUS 80 | 90

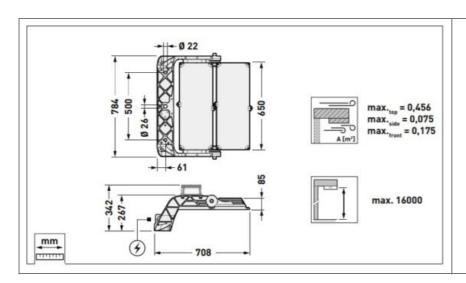
Туре	≈ k g
LN PLUS 80 ETDD	25,6
LN PLUS 80 DMX	25,6
LEDC ETDD	5,6
LEDC DMX	5,6

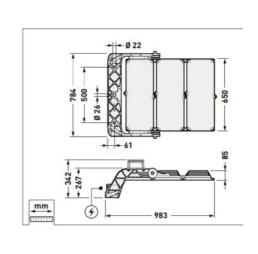


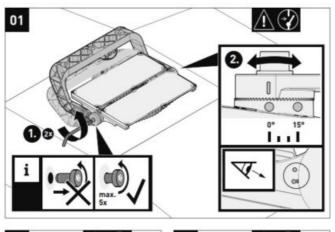
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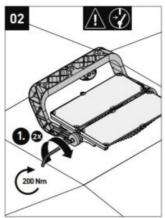


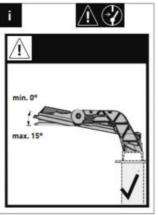


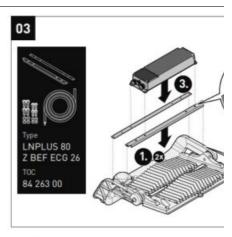


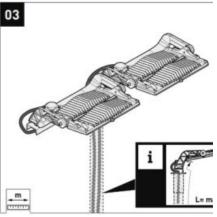




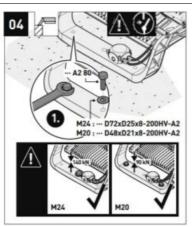


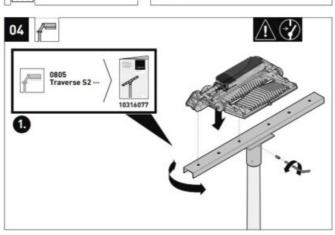


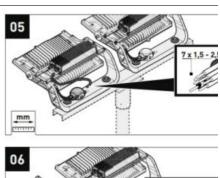


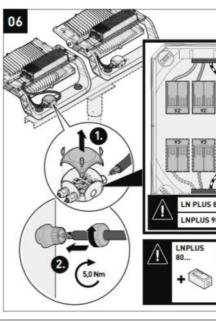


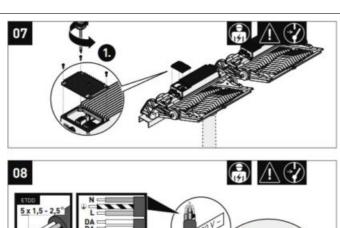


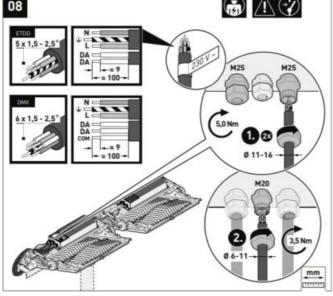


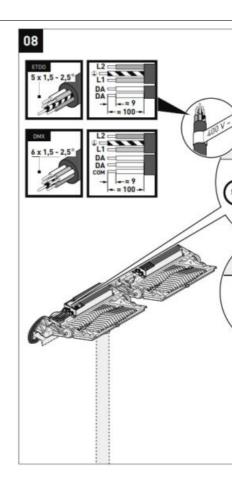


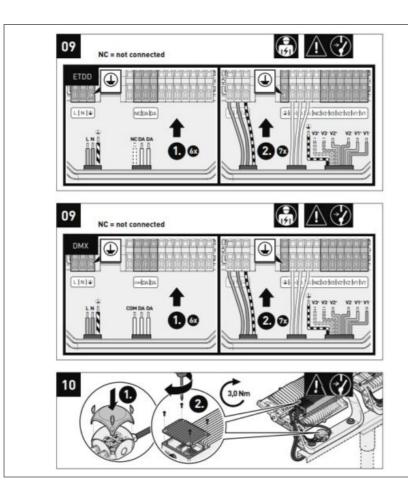


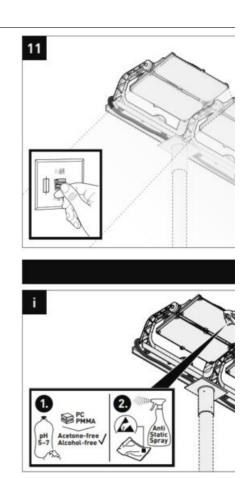


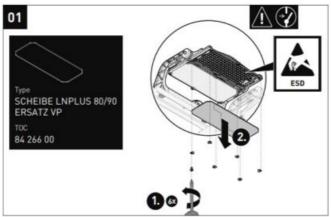


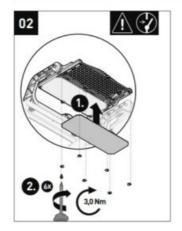




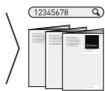












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Documents / Resources



TRILUX LNPLUS Series LED Light [pdf] Instruction Manual 80, 90, LNPLUS Series LED Light, LNPLUS Series, LED Light, Light

References

- LED lighting & individual lighting solutions | TRILUX
- LED lighting & individual lighting solutions | TRILUX
- trilux.com/EcoDesign
- <u>trilux.com/manuals</u>
- User Manual

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