



# PHILIPS DLE220 Leading Edge Dimmer Controller Instruction Manual

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## PHILIPS dynamalite

DLE220 Leading Edge Dimmer Controller  
Instruction Manual



Installation Instructions

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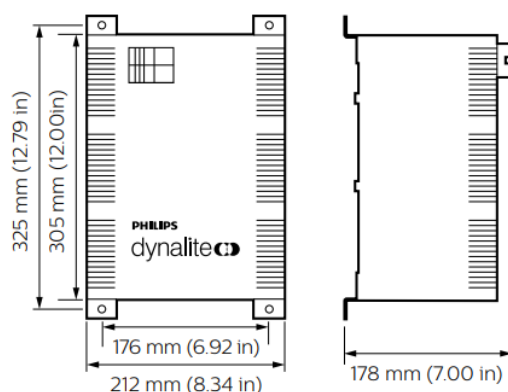
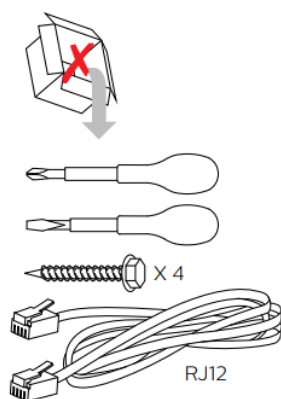
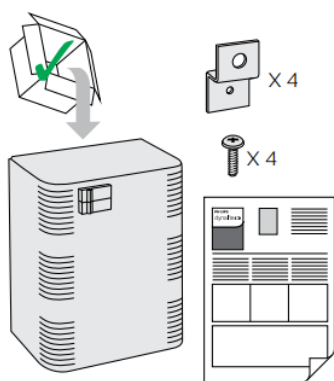
#### 2.1 References

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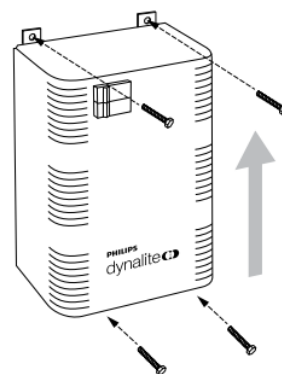
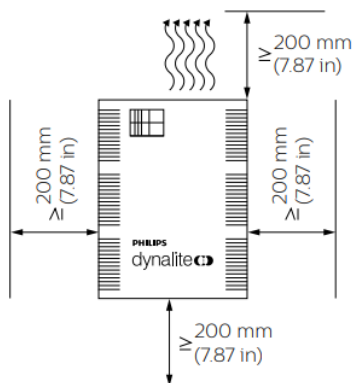
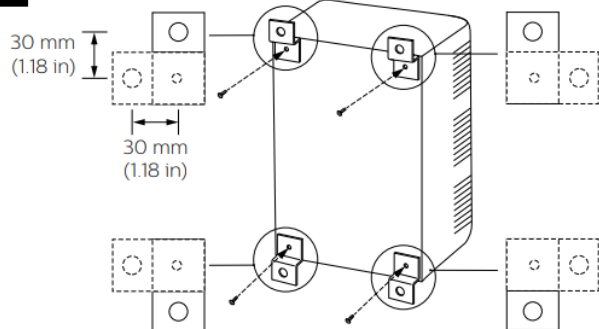
## DLE220 Leading Edge Dimmer Controller



Devices must be installed by a qualified electrician in accordance with all national and local electrical and construction codes and regulations.



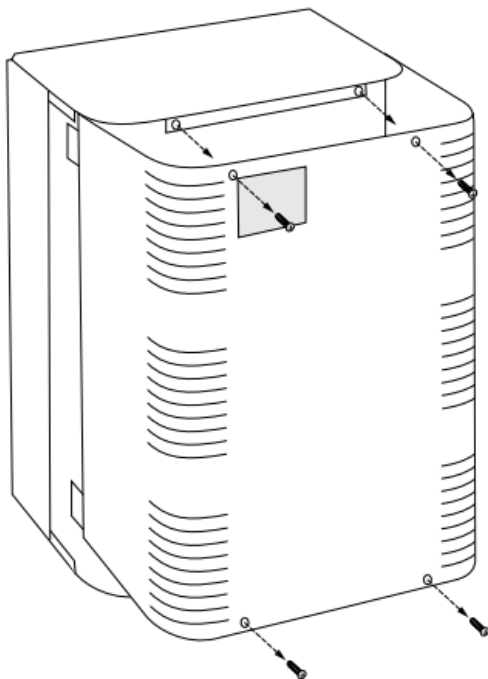
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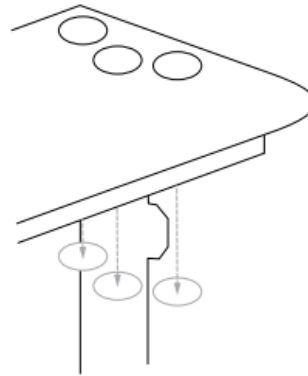
! IEC Pollution Degree II



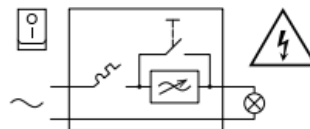
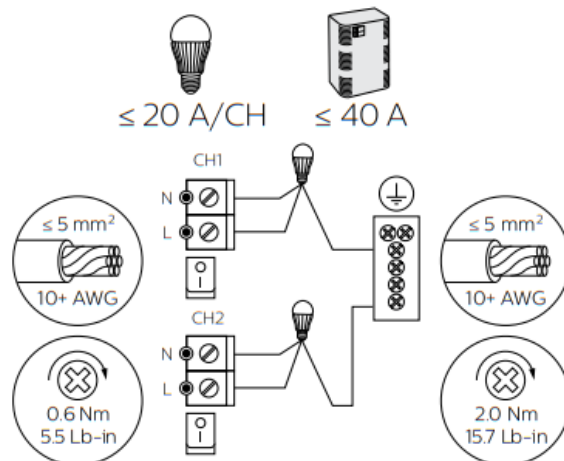
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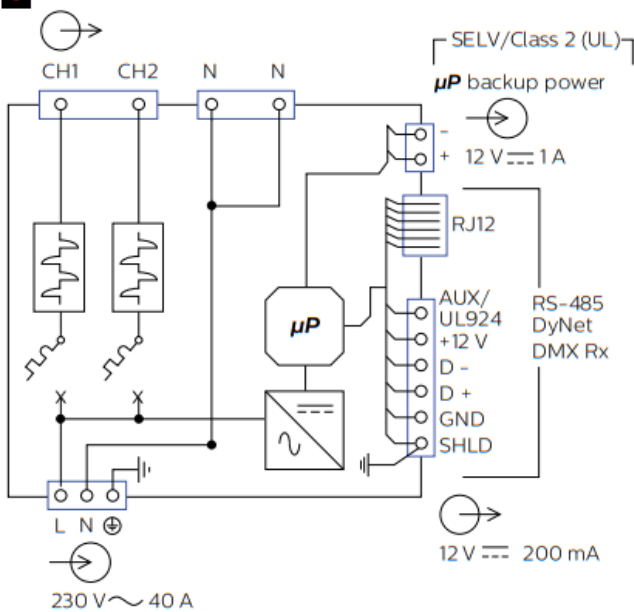
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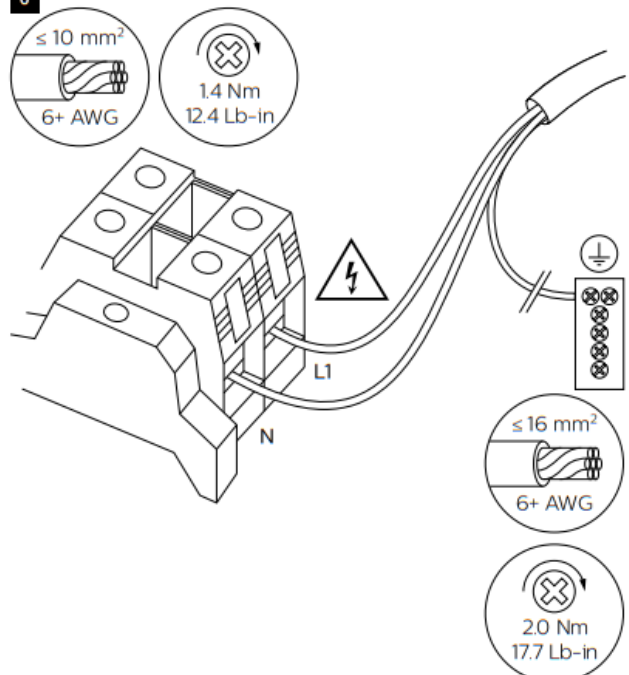


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! IEC Overvoltage Category III

6



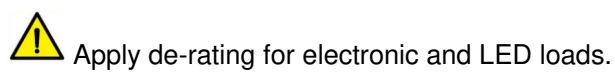
The diagram illustrates the correct wiring for an RS-485 cable. A circular inset shows a close-up of the terminal block with multiple wires connected. Callouts provide specific requirements:
 

- Cable cross-section: 0.3-2.5 mm²
- Cable gauge: 22-12 AWG
- Torque specification: 0.56 Nm (5 Lb-in)
- Wiring diagram: Shows a connection between GND and AUX/UL924 with a distance of less than 20 mm.

 The main diagram shows the RS-485 cable with twisted pairs (orange, blue, green, white) and a shield (SHLD) connected to a terminal block. The terminal block labels are: AUX/UL924, +12 V, D-, D+, GND, and SHLD. A note indicates the current rating is ≤ 2 A. The RS-485 cable is labeled RS-485 DyNet.

Diagram illustrating the connection of an RS-485 cable to a terminal block. The cable is labeled "RS-485 DyNet". The terminal block has pins labeled 1 through 6, corresponding to GND, GND, D+, D-, +12V, and +12V respectively. The cable's shield is connected to the first GND pin.

RS-485 DyNet





The manufacturer is not responsible for dimmable lamp selection. Each lamp/dimmer combination must be tested for compatibility prior to installation.



This is a class A product. In a domestic environment this product may cause radio interference, in which case the user may be required to take adequate measures.



Professional dimmers rated > 1000 W are out of scope of EN 61000-3-2.

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## Documents / Resources



**[PHILIPS DLE220 Leading Edge Dimmer Controller](#)** [pdf] Instruction Manual  
DLE220 Leading Edge Dimmer Controller, DLE220, Leading Edge Dimmer Controller, Leading Dimmer Controller, Edge Dimmer Controller, Dimmer Controller, Controller

## References

-  [Philips Dynalite - Lighting Controls, Lighting Management](#)