

PHILIPS

OneSpace

Instructions

Prefab



Philips OneSpace luminous ceiling prefab

The panel

Safety instructions

Warning:

- OneSpace luminous ceiling panels must be installed by qualified technicians in accordance with all national and local laws, including building codes and safety regulations.
- Do not attempt to install or use a OneSpace luminous ceiling panel until you have completely read and understood the installation instructions and safety labels.
- When installing a OneSpace luminous ceiling panel, make sure not to conceal any of the following existing equipment in the building: fire sprinklers, air vents, pa systems, other security or fire protection sensors or signaling equipment.
- Modifications to any part of the system are not allowed and will void the warranty, especially, replacing the fabrics with one not supplied by Philips will invalidate the OneSpace luminous ceiling fire rating.

Caution:

- OneSpace luminous ceiling panel power cables have plugs that fit only in one orientation in the e-box. Do not try to force the plugs into the receptacles in any other orientation, as this may lead to product damage.
- The light source contained in this luminaire shall only be replaced by the manufacturer or his service agent or a similar qualified person.
- OneSpace luminous ceiling panels do not have user-serviceable parts. Do not attempt to open them or you will void the warranty.
- Ensure that no high-velocity air flow (e.g. air conditioning system air currents) circulates across the OneSpace luminous ceiling panel. This may lead to increased wear, and accumulation of dirt, on the textile.
- Avoid installing sources of mechanical vibrations onto structures that are rigidly connected to the OneSpace luminous ceiling panel.
- Only use the OneSpace luminous ceiling e-box to supply power to the OneSpace luminous ceiling panel.

Contents of the crate

1. OneSpace luminous ceiling panel (min 1 piece – max 4 pieces).
2. E-box.
3. Accessory box containing (per panel):
 - 4 rectangular mounting brackets (see 1) with 8 bolts and 8 washers.
 - 4 circular hoisting brackets (see 2) with 8 bolts and 8 washers.



Not in the image:

- 1 coupling plate with 4 bolts and 4 washers.
- 4 bolts M10x160 with 8 nuts M10.
- Instructions.

The nuts are already placed in the mounting rail of the panel.

Installing the OneSpace luminous ceiling panel

1. Unpack the wooden crate.
2. Remove the screws from the top of the crate and take away the top.



3. Remove the screws from the front plate.



4. Take away the front plate.



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5. The e-box and accessory box are located at the back side of the front plate. Remove these from the front plate.



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6. Remove the screws from one short side of the crate, and take away this side plate.

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7. When the crate contains less than 4 panels, the panels are kept in position with blocks on the opposite short side of the crate (see circle).



Note:

Use white gloves when working with the OneSpace luminous ceiling panel to avoid staining of the front textile.

Under no circumstances touch the front textile of the OneSpace luminous ceiling panel.

In some of the following images the plastic and carton have been removed for clarity reasons. Do not remove the plastic and carton before indicated.

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8. The panel can now be taken out of the crate. Do **not** remove the binding wraps, plastic cover and carton plate yet.



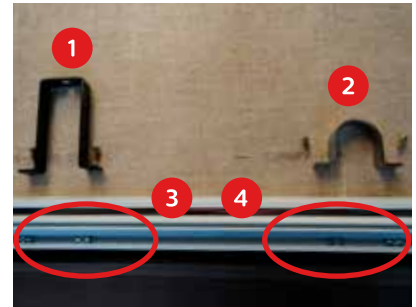
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9. Put the panel with the carton plate down on a clean flat surface.



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10. Cut the carton in the corners and open the plastic over the full length of the panel where the mounting brackets are to be placed.

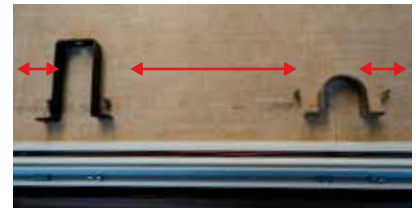


11. The positions of the mounting brackets (1) should be aligned with the structure above the panel. The mounting brackets are positioned on the long sides of the panel, at a maximum distance of 50 cm from the corner. Move the nuts (circle 3) to this position.



12. Determine the position of the hoisting brackets (2). The hoisting brackets are positioned at 30 cm on the in- or outside of the mounting brackets (1), depending on the place of the hoisting system used (not supplied by Philips). Move the nuts (circle 4) to this position.

13. If needed, mounting and hoisting brackets can be moved to fine-tune the position.



14. Use an Allen key M5 to mount the brackets to the panel.



15. Repeat the mounting of the mounting and hoisting brackets at all four corners of the panel.



Optional.
The e-box can be mounted to the backside of the panel.

16. Prepare the position of the e-box by removing the carton and plastic cover near the black strips.

Note: Pay attention not to cut or damage the cable.



Optional.
For instructions how to mount the e-box to the backside of the panel, please read the e-box installation instructions.

After the installation of the e-box continue with the next steps.

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17. Connect the hoisting system to the hoisting brackets at all four corners and lift the panel to the ceiling.



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18. Mount the panel to the ceiling using the mounting brackets and the bolts M10x160 with each 2 nuts M10.

19. To align the panel horizontally the individual bolts M10 (see circle) can be used.



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20. Remove the hoisting brackets and bolts and retain for later use.

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21. Switch on the panel by applying mains to the e-box.

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22. When two panels need to be mounted against each other, please use the coupling plate and bolts (in the accessory pack) to couple the two panels.

Note:

Once the OneSpace luminous ceiling panel is in its final position, the carton and plastic can be removed. Do this by cutting the binding wraps and cutting one side of the plastic completely.

Make sure not to damage the textile and the panel sides while removing the plastic cover. During the whole installation make use of white gloves.

Troubleshooting the panel and e-box

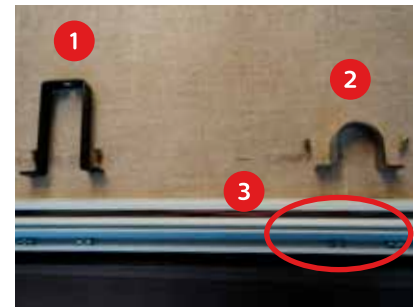
- When the panel does not light up, please take the following steps:
 1. Check the mains connection.
 2. Disconnect the DALI connection and power the system off and on again.
 3. If you have more than one OneSpace luminous ceiling panel, try swapping e-boxes to see if the problem persists.
- All panels are dimmed:
Check the DALI and/or dim setting of the DALI system.
- A sub section of the panel is not lighting up:
If you have more than one OneSpace luminous ceiling panel, try swapping e-boxes to see if the problem persists.

Removing the OneSpace luminous ceiling panel from the ceiling

1. Open the crate according to the steps in the installation instruction and unpack the hoisting brackets from the accessory box.

2. Determine the position of the hoisting brackets (2). The hoisting brackets are positioned at 30 cm on the in- or outside of the mounting bracket (1), depending on the place of the hoisting system used (not supplied by Philips). Move the nuts (circle 3) to this position.

The nuts are already placed in the mounting rail of the panel.



3. If needed the hoisting brackets can be moved to fine-tune the position.



4. Use an Allen key M5 to mount the brackets to the OneSpace luminous ceiling panel.
5. Repeat the mounting of the hoisting brackets at all four corners of the panel.



6. Mount a hoisting system (not supplied by Philips) on four positions to the ceiling.
7. Connect the hoisting system to the hoisting brackets at all four corners.



8. If the power and DALI cables are long enough to lower the panel to the floor, go to step 10, otherwise continue with the next step.

9. If the e-box is mounted to the backside of the panel, remove the e-box.

Please refer to the installation instructions of the e-box on how to remove the e-box from the panel.

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10. Take the spare carton from the crate and lay it down underneath the panel. This carton is used to pack the panel for the return shipment.

 11. Take the plastic from the crate and place it underneath the panel. Make sure not to walk on the plastic.

 12. Lift the panel approx. 1 cm.

 13. Disconnect the four mounting brackets from the ceiling.

 14. Lower the panel on the plastic foil and carton.

 15. Remove mounting brackets. Retain the brackets and bolts for later use.

 16. Remove hoisting brackets. Retain the brackets and bolts for later use.

 17. If the e-box is mounted to the backside of the panel and has not been removed in step 9, remove the e-box from the panel.

Please refer to the installation instructions of the e-box on how to remove the e-box from the panel.

 18. Pack the panel for shipment using the plastic foil, carton, tape and straps. Only carry the panel with the handles in the carton. Make sure not to touch the fabric front of the panel.

 19. Place the panel in the crate. Close the crate and attach the shipment label for the return shipment.

For more information please contact: support.onespace@philips.com

