

DESCRIPTION OF PARTS

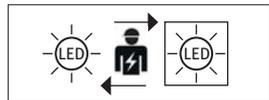
Linear LED light canal system incl. LED driver, nominal voltage, primary: 230V/50Hz

TECHNICAL DATA

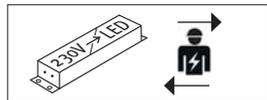
HA-33NW: 33W, L.1195 mm 4000K HA-45NW: 43W, L.1495 mm 4000K
 HA-33WW: 33W, L.1195 mm 3000K HA-45WW: 43W, L.1495 mm 3000K
 HA-33SW: 33W, L.1195 mm 2700K HA-45SW: 43W, L.1495 mm 2700K

	Light source	This luminaire contains 4 light sources of energy efficiency class
HA-33NW7O	A.L.S. GmbH - F-C-PLS21NW1	D
HA-33WW7O	A.L.S. GmbH - F-C-PLS21WW1	D
HA-33SW7O	A.L.S. GmbH - F-C-PLS21SW1	E
HA-45NW7O	A.L.S. GmbH - F-C-PLS27NW1	D
HA-45WW7O	A.L.S. GmbH - F-C-PLS27WW1	D
HA-45SW7O	A.L.S. GmbH - F-C-PLS27SW1	D
Light source		
HAP-33NW7O	A.L.S. GmbH - F-C-PLS21NW1	D
HAP-33WW7O	A.L.S. GmbH - F-C-PLS21WW1	D
HAP-33SW7O	A.L.S. GmbH - F-C-PLS21SW1	E
HAP-45NW7O	A.L.S. GmbH - F-C-PLS27NW1	D
HAP-45WW7O	A.L.S. GmbH - F-C-PLS27WW1	D
HAP-45SW7O	A.L.S. GmbH - F-C-PLS27SW1	D
Light source		
HAPI-33NW7O	A.L.S. GmbH - F-C-PLS21NW1 and	A.L.S. GmbH - FLEXY1-350NW
HAPI-33WW7O	A.L.S. GmbH - F-C-PLS21WW1 and	A.L.S. GmbH - FLEXY1-350WW
	This luminaire contains 4 light sources of energy efficiency class D	This luminaire contains 1 light source of energy efficiency class G
HAPI-33SW7O	A.L.S. GmbH - F-C-PLS21SW1 and	A.L.S. GmbH - FLEXY1-350SW
	This luminaire contains 4 light sources of energy efficiency class E	This luminaire contains 1 light source of energy efficiency class G
HAPI-45NW7O	A.L.S. GmbH - F-C-PLS27NW1 and	A.L.S. GmbH - FLEXY1-350NW
HAPI-45WW7O	A.L.S. GmbH - F-C-PLS27WW1 and	A.L.S. GmbH - FLEXY1-350WW
HAPI-45SW7O	A.L.S. GmbH - F-C-PLS27SW1 and	A.L.S. GmbH - FLEXY1-350SW
	This luminaire contains 4 light sources of energy efficiency class D	This luminaire contains 1 light source of energy efficiency class G

The product consists of two components. Luminaire with light source and internal power supply.



The light source is only exchangeable by a professional.



The LED driver is only exchangeable by a professional.



Protection class I



Notification of Risks



CE label



Safety Instructions



The product is only for use in interiors.



Cleaning Instructions



The product may not be disposed of in the household garbage.

SAFETY



READ THE INSTRUCTIONS BEFORE USING THIS PRODUCT. KEEP THE SAFETY AND OPERATING INSTRUCTIONS FOR FUTURE USE.



- The light is only suitable for use in interiors, in dry, enclosed rooms.
- The light is not suitable for attaching on uneven surface. The light may otherwise fall. This can result in product damage and / or injuries.



- Don't install under power.
- Follow the instruction manual for installation.
- Installation only by qualified and authorised persons.
- Do not use the product when it has been damaged (defective covers) or there are operational faults such as flickering, smoking, steaming, crackling noises or the smell of smoke.
- A damaged or defective product must be changed or repaired by the manufacturer, a service person or a comparable qualified person.
- Installation only under observance of the valid guidelines specific to application and country among others VDE 0.100.
- Never open one of the electrical operating agents or plug any objects into them. Such procedures signify a danger to life through electrical shock.
- Absolutely avoid contact between the product and water or other liquids. For reasons of electrical safety, the light may not be placed in contact with water or other liquids or submerged in water.
- The product may not be changed or modified.

MAINTENANCE AND CLEANING

The light source is only exchangeable by a professional.



- Do not use solvents, such as benzene and similar agents. The light would be damaged thereby.
- Only use a dry, lint-free cloth for cleaning the product.

DISPOSAL

The packaging consists of environmentally friendly materials. Dispose of them in the local recycling containers.



Do not dispose of this product in the household garbage when it has reached the end of its lifecycle, but rather take it to a disposal center. Your local officials will provide you with information about collection offices and their business hours.

HIGHWAY LED

HA-33NW7O HAP-33NW7O HAPI-33NW7O
 HA-33WW7O HAP-33WW7O HAPI-33WW7O
 HA-33SW7O HAP-33SW7O HAPI-33SW7O

HA-45NW7O HAP-45NW7O HAPI-45NW7O
 HA-45WW7O HAP-45WW7O HAPI-45WW7O
 HA-45SW7O HAP-45SW7O HAPI-45SW7O



INTENDED USAGE

This product will only serve the purpose of illumination.

The light is only suitable for use in interiors, in dry, enclosed rooms.

SCOPE OF DELIVERY

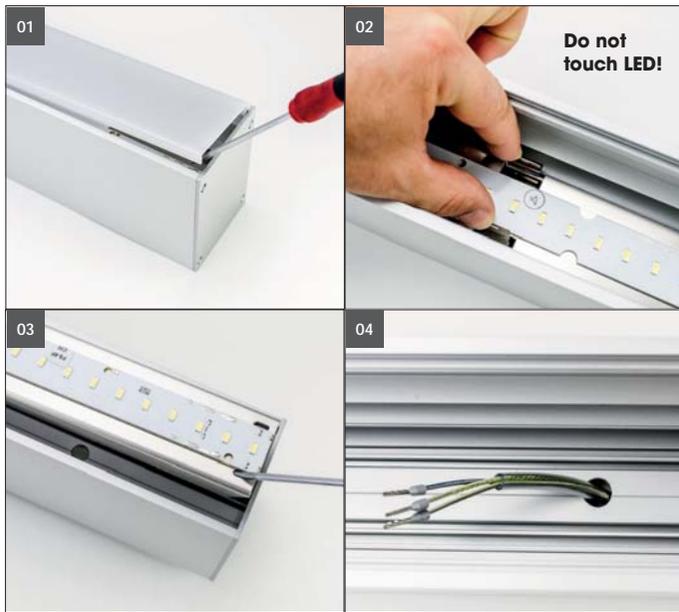
1 x HIGHWAY lamp
 1 x pendant accessories (only HAP)
 1 x set of instructions for assembly, operation and safety

TECHNICAL CHANGES

Changes in the sense of technical progress can be made without prior notice.

address | contact

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 E-Mail: info@als.de | Web: www.als.de



Ceiling suspension



Turn Off power supply before starting any installation.
Do not connect the device under power.

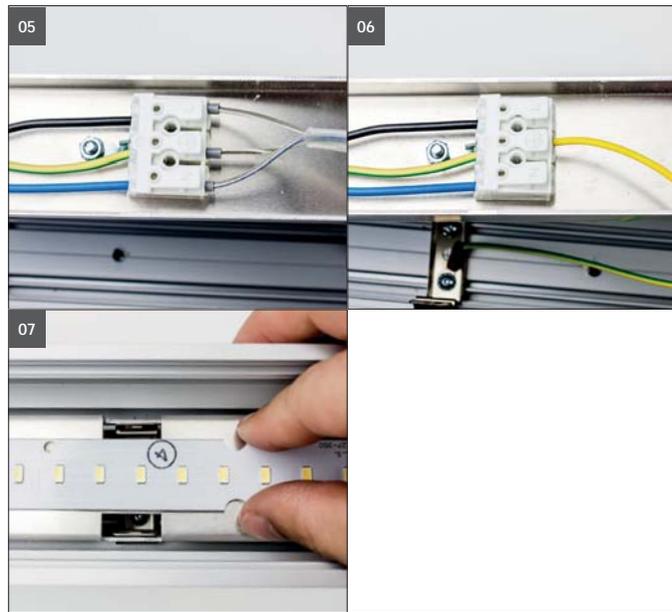
Another installation / assembly / materials / types than provided in the manual sheets, release us from any electrotechnical and electrostatic responsibility.

Fixing materials: The warranty is void if the buyer or a third party repairs or modifies the luminaire.

01. Lever out opal PMMA cover over entire length, on one side. **Risk of breakage!**

02. Remove light canal.

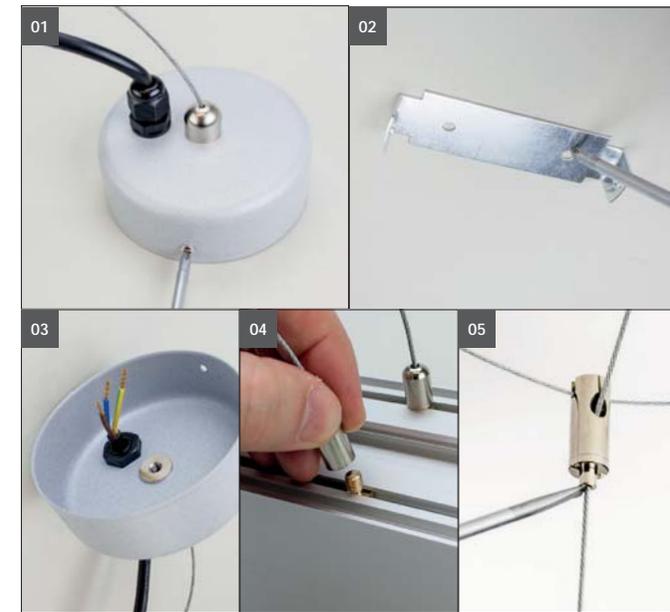
04. Connection cable through the cable gland and fix light fixture with plugs. **Please note: Cable entry holes and for installation are not provided for luminaire. Drilling of the holes from the back side on-site (see picture 04).**



05. Connect electrical connection to the terminal block. The installation must be done in accordance with the valid application and country-specific guidelines, including VDE 0.100.

06. Fix grounding lug.

07 Insert light canal and close (opal) PMMA cover.



Installation pendant accessoires



Turn Off power supply before starting any installation.
Do not connect the device under power.

Another installation / assembly / materials / types than provided in the manual sheets, release us from any electrotechnical and electrostatic responsibility.

Fixing materials: The warranty is void if the buyer or a third party repairs or modifies the luminaire.

01. Remove cover of ceiling rosette.

02. Fix the bracket on the ceiling.

03. Connect electrical connection to the terminal block and install cover of ceiling rosette.

04. Mount steel wire on fixture

05. Place fixture with steel wire fixation