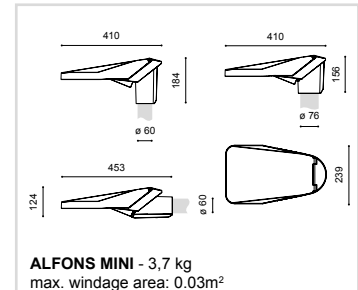
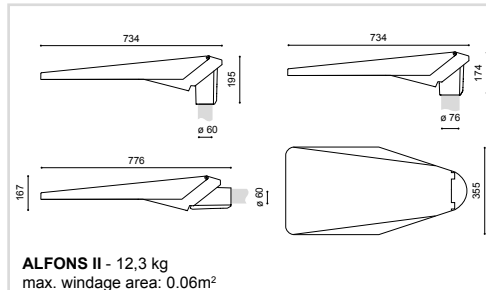
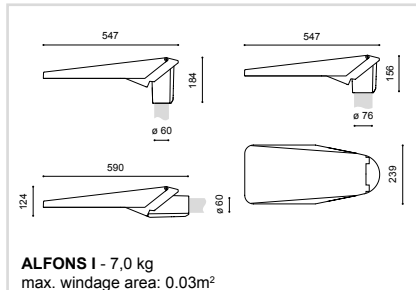


post top / side entry luminaire with CLEVER LIGHT or Zhaga socket

ALFONS I / ALFONS II / ALFONS MINI

with DA, FF LED module(s), by changing the position of the adapter ASA, the luminaire head is used as post top luminaire with $\varnothing 76\text{mm}$ (inclination: 0° , 5° or 10°) or with $\varnothing 60\text{mm}$ (inclination: 0° , 5° , 10° or 15°) or as side entry luminaire with $\varnothing 48\text{mm}$ up to $\varnothing 60\text{mm}$ (inclination: 0° , -5° , -10° or -15°); column height ALFONS I: 3.00m up to 7.00m; ALFONS II: 6.00m up to 12.00m., ALFONS MINI: 3.00m up to 5.00m

IMPORTANT NOTE: Connection of the light to the mains and replacement of the LED modules may only be carried out by a qualified electrician, by the manufacturer or by a service technician authorised by you. Do not use this luminaire in indoor areas.



A. Installation and connection of the luminaire

1. Installation as side entry luminaire with ASA 60 for bracket $\varnothing 48\text{mm}$ – $\varnothing 60\text{mm}$

- Fix the necessary adapter ASA 60 on the luminaire head with the two attached hexagonal bolts.
- For the side entry version, the ASA 60 needs to be unscrewed and screwed again but in horizontal position. Use 2 hexagonal bolts (see fig. 1, fig. 2).
- Ensure you put the adapter for side entry ASA 60 in the right inclination. You can change the required inclination to 0° , -5° , -10° or -15° by releasing the 2 hexagonal bolts (see fig. 2, fig. 3).
- Put the cable of approx. 30 cm through the screw gland in the luminaire head. **When closing the luminaire head, make sure that the connection cable is NOT pinched.**
- Push the luminaire on the bracket and fix the bracket with the 2 delivered Allen screws M10x30. Use an Allen key, size 5. Tighten the screws with a minimum of 20 Nm.
- Follow the instructions under point 3.



2. Installation as post top luminaire for top entry ASA $\varnothing 76\text{mm}$ or $\varnothing 60\text{mm}$

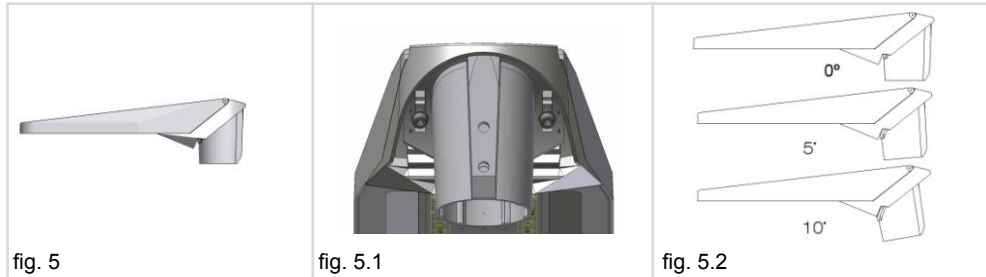
- Fix the necessary adapter ASA 76 on the luminaire head with the two attached hexagonal bolts.
- For the top entry version, the ASA 60 for top entry $\varnothing 60\text{mm}$ (see fig. 4.1) or ASA 76 for top entry $\varnothing 76\text{mm}$ (see fig. 5.1) needs to be in a vertical position (see fig. 4, fig. 5).
- Ensure you put the adapter ASA 60 or ASA 76 in the right inclination. You can change the required inclination for ASA 60 to 0° , $+5^\circ$, $+10^\circ$ or $+15^\circ$ (see fig. 4.2) and for ASA 76 to 0° , $+5^\circ$ or $+10^\circ$ (see fig. 5.2) by releasing the 2 hexagonal bolts (1).
- Put the cable of approx. 30 cm through the screw gland in the luminaire head. **When closing the luminaire head, make sure that the connection cable is NOT pinched.**
- Put the luminaire head on the top entry.
- Hold the front part of the luminaire in the approximate position.
- Fix the luminaire head with the 2 delivered Allen screws.
- Use screws M10x30 and the Allen key, size 5. Tighten the screws with a minimum of 20 Nm.
- Follow the instructions under point 3.



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3. Connection of the electronic unit

- Ensure that there is no voltage.
- Open the cover by in front releasing the Allen screws with the Allen key, size 5 (see fig. 6, fig. 7) and lift the luminaire head (see fig. 8).
- Fix the open luminaire head by pulling the support downwards (fig. 9).
- Remove not connected socket part from the clamp (see fig. 10), connect the led in cable and connect again the socket part with the plug connector. See connection diagram under point D.
- Tighten the screw gland to relieve the cable.
- Close the luminaire head in reverse order.



B. Change of the driver or led module(s)

- Ensure that the unit is de-energized (no voltage present).
- Open the cover by loosening the front hex socket screw using a size 5 Allen key (see Figs. 6 and 7), then tilt the luminaire head upward (see fig. 8).
- Secure the opened luminaire head by folding the retaining bracket downward (see fig. 9).
- To replace the LED unit, disconnect the connection cable(s) of the LED modules and loosen the four screws on the heat sink (see fig. 10(a)). If the LED modules on the heat sink are to be replaced, loosen the four screws per module (see fig. 10(b)). Remove the module(s) and reapply thermal paste between the modules. Then refasten each module with four screws and reconnect the connection cable(s). Make sure the lenses are correctly aligned.
- To replace the driver, disconnect the connection cables, loosen the two screws, and remove the driver (see fig. 11(c)). Install the new driver in the same position and reconnect the cables. To remove the entire electrical unit, loosen the four screws circled in fig. 11(d). Before doing so, disconnect not only the driver connection cables but also the plug connections at the terminal blocks.
- Reassemble the luminaire in reverse order.

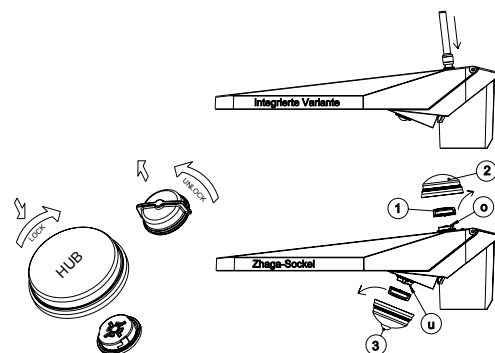


D. Installation Instructions – Integrated or Hub on Zhaga Socket (according to the Zhaga D4i standard)

Integrated version: Attach the antenna and tighten it securely.

Zhaga socket: Connect the Clever Light Hub GPS to the upper Zhaga socket (o). Connect the Clever Light Hub with motion sensor to the lower Zhaga socket (u). Remove the protective cap (1). Place the hub module (2) onto the socket and rotate it until it locks into place. To connect a hub module with an integrated sensor (3), the luminaire must be equipped with a lower Zhaga socket (u). The sensor can be individually aligned.

Caution: Keep the protective cap in a safe place. When the Zhaga socket is removed, always close it with the protective cap to prevent dirt and moisture from entering the luminaire.



Please note: Improper attachment of the HUB module may result in damage. Any damage caused by improper attachment is not covered

For the sake of environmental protection, do not dispose of this product with household waste when it has reached the end of its service life. Instead, ensure that it is disposed of properly. Information about collection points and their opening hours can be obtained from your local authorities.

Caution! Risk of electric shock.

Replace any broken protective glass (square).

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