

luminaire head

ALFONS MINI DA LED ZS

recom. pole height:	3.00m – 5.00m
light standards:	low and medium lighting requirements
lamp:	incl. 1, 2 or 3 DA+ (2x4) LED modules
colour temperature:	4,000K neutral white or 3,000K warm white
surge protection:	10kV
LED gear:	incl. programmable, Zhaga Book18 compliant and D4i-certified driver with SR interface and data communication, in combination with two standardised Zhaga sockets, one on the top and one on the bottom, as well as integrated „Constant Light Output“ (CLO) function to keep the luminous flux of the LEDs constant over the entire Useful life (up to 100,000 hours / B10)
LED life expectancy:	65,000 hours/ L100/ B10; 100,000 hours/ L90 /B10 for minimum maintenance costs due to an excellent thermal management
light control:	at extra cost: dimming, power reduction; future-proof Zhaga socket in the cap, suitable for retrofitting the luminaire with Hub light control systems, e.g. CLEVER LIGHT, CityTouch Ready, i.a.
optical system:	directed light (multi layer) provided by an exchangeable, anti-aging lens technology
light distribution:	street optics , square optics , area optics , cycle path optics , pedestrian crossing optics – see next page
luminaire head:	die cast aluminium, powder coated
colour:	DB 703; other colours on request
glazing:	flat, clear toughened glass glazing
wiring:	completely wired; via a plug and socket connector within the luminaire head; luminaire head to be hinged upward
installation:	for top or side entry; ASA 60 or ASA 76 to be ordered separately: • ASA 60 for side entry $\varnothing$ 48mm up to 60mm (0°, -5°, -10°, -15°) or for top entry $\varnothing$ 60mm (0°, 5°, 10°, 15°) • ASA 76 for top entry $\varnothing$ 76mm (0°, 5°, 10°)
accessory:	adapter ASA, column, pole accessories, wall bracket, cable – to be ordered separately
application areas:	parks, boulevards, schools, home for elderly people, hotels, factory premises, residential and local distribution on roads, main streets, car parks, pedestrian and cycle lanes, holiday parks

lamp	kg	product code
DA+ (2x4) LED 6W/1.150lm/4.000K	3,5	9.150.9107.xxx-ZS
DA+ (2x4) LED 7W/1.300lm/4.000K	3,5	9.150.9110.xxx-ZS
DA+ (2x4) LED 9W/1.650lm/4.000K	3,5	9.150.9112.xxx-ZS
DA+ (2x4) LED 12W/2.050lm/4.000K	3,5	9.150.9117.xxx-ZS
DA+ (2x4) LED 13W/2.300lm/4.000K ⁽²⁾	3,6	9.150.9207.xxx-ZS
DA+ (2x4) LED 14W/2.600lm/4.000K ⁽²⁾	3,6	9.150.9210.xxx-ZS
DA+ (2x4) LED 18W/3.300lm/4.000K ⁽²⁾	3,6	9.150.9212.xxx-ZS
DA+ (2x4) LED 23W/4.100lm/4.000K ⁽²⁾	3,6	9.150.9227.xxx-ZS
DA+ (2x4) LED 18W/3.450lm/4.000K ⁽³⁾	3,7	9.150.9307.xxx-ZS
DA+ (2x4) LED 21W/3.900lm/4.000K ⁽³⁾	3,7	9.150.9310.xxx-ZS
DA+ (2x4) LED 27W/4.950lm/4.000K ⁽³⁾	3,7	9.150.9312.xxx-ZS
DA+ (2x4) LED 35W/6.150lm/4.000K ⁽³⁾	3,7	9.150.9327.xxx-ZS

DA+ (2x4) LED 6W/1.100lm/3.000K	3,5	9.150.9107.xxx-3-ZS
DA+ (2x4) LED 7W/1.250lm/3.000K	3,5	9.150.9110.xxx-3-ZS
DA+ (2x4) LED 10W/1.600lm/3.000K	3,5	9.150.9112.xxx-3-ZS
DA+ (2x4) LED 13W/2.000lm/3.000K	3,5	9.150.9117.xxx-3-ZS
DA+ (2x4) LED 13W/2.200lm/3.000K ⁽²⁾	3,6	9.150.9207.xxx-3-ZS
DA+ (2x4) LED 15W/2.500lm/3.000K ⁽²⁾	3,6	9.150.9210.xxx-3-ZS
DA+ (2x4) LED 19W/3.200lm/3.000K ⁽²⁾	3,6	9.150.9212.xxx-3-ZS
DA+ (2x4) LED 25W/4.000lm/3.000K ⁽²⁾	3,6	9.150.9227.xxx-3-ZS
DA+ (2x4) LED 19W/3.300lm/3.000K ⁽³⁾	3,7	9.150.9307.xxx-3-ZS
DA+ (2x4) LED 21W/3.750lm/3.000K ⁽³⁾	3,7	9.150.9310.xxx-3-ZS
DA+ (2x4) LED 28W/4.800lm/3.000K ⁽³⁾	3,7	9.150.9312.xxx-3-ZS
DA+ (2x4) LED 36W/6.000lm/3.000K ⁽³⁾	3,7	9.150.9327.xxx-3-ZS

power reduction without pilot-line, dimming level and time according to customer's request 9.150.xxxx.xxx(-3)-

necessary accessory: cast aluminum, DB 703

adapter for top and side entry $\varnothing$ 60mm

ASA 60 0.9 9.924.0980.70

adapter for top entry $\varnothing$ 76mm

ASA 76 1.0 9.924.0979.70

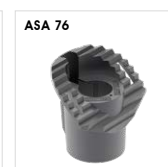
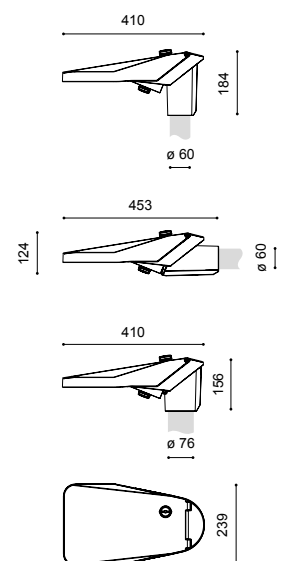
accessory: backlight shield

LS DA 1 0.01 2.914.8301.17

(2) 2 modules, (3) 3 modules

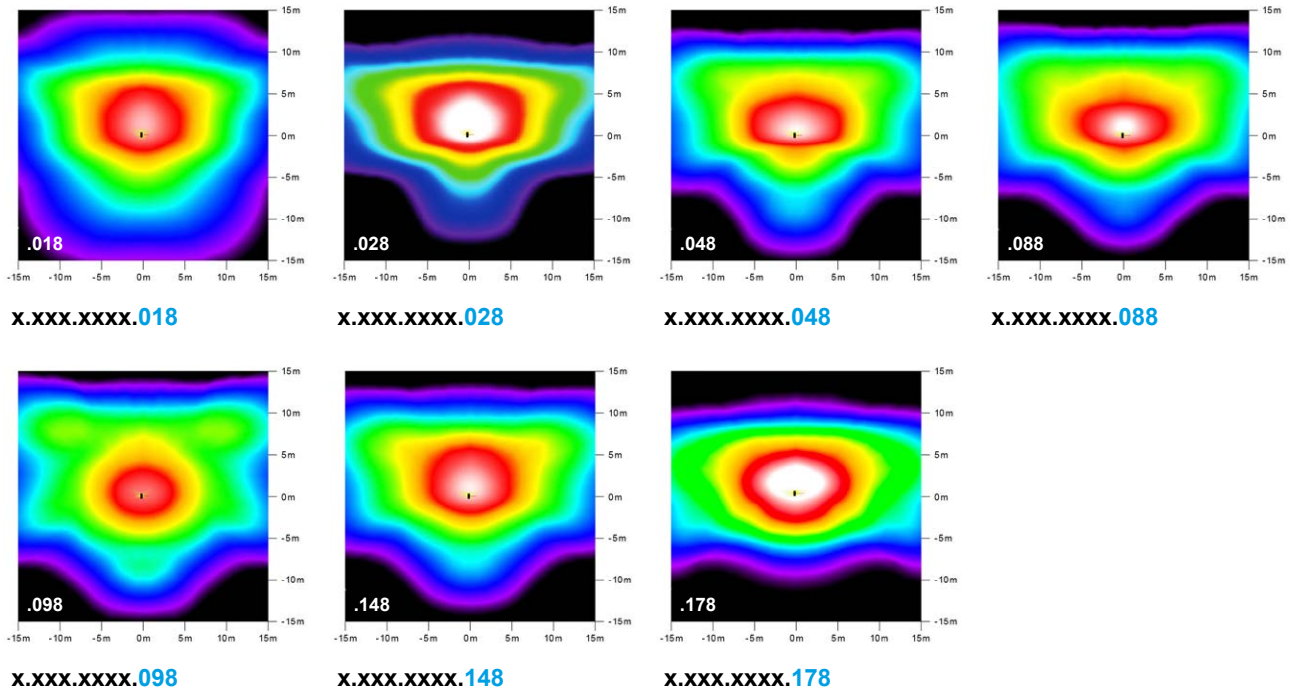
class II at extra cost (add "S" at the end)

Technical specifications are subject to change without notice. 10.2025



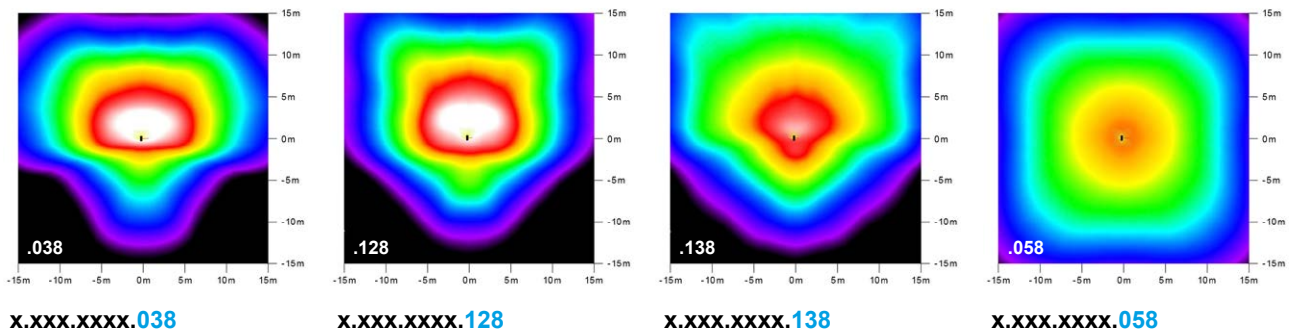
street optics

asymmetrical wide beam / asymmetrical deep wide beam



area optics

asymmetrical deep wide beam / asymmetrical



square optics

symmetrical

pedestrian crossing optics

right beam / left beam

