SWARCO
COMBIA – CILANE
Traffic Signal

THE TRAFFIC LIGHT OF TOMORROW

THE SMART LED TRAFFIC SIGNAL

The LED traffic signal CILANE is a variant of the COMBIA traffic light family, which is not only made of UV-stabilized polycarbonate, but has also powder coated aluminum cover and rear panel. This combination of polycarbonate and aluminium gives this signal head an elegant, shapely design. Either the modern one-point or the classical two-point fixing are possible for CILANE. Smart additional functions can be integrated individually and turn this traffic signal into an intelligent system.

SafeLight
Ground projection for pedestrian safety

Sound
Acoustic signal for pedestrian orientation

AirDec
Environmental station for measuring air quality
(in planning)

PedCom
Sensors for detecting people and objects
(in planning)

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CILANE

KEY BENEFITS

- the smart features „SafeLight, AirDec, PedCom" can be installed individually
- easily extendible and prepared for smart additional functions (automated driving, C-ITS etc.)
- optional: integrated acoustic unit „Sound" in half aspect
- shapely design – polycarbonate and aluminum
- Individual color combinations – aluminum rear design panel and cover
- faster maintenance: opening angle of the front doors to the left or right up to 175° at 200 mm and up to 150° at 300 mm
- reduced assembly time by simply and quickly opening the aspects
- simple type of clamping technology for LED cabling
- elastic, plug-in visors – optionally fixable with screws
- easy cable routing between the aspects
- modern one-point or classic two-point fixing
- mounting of backing boards is prepared
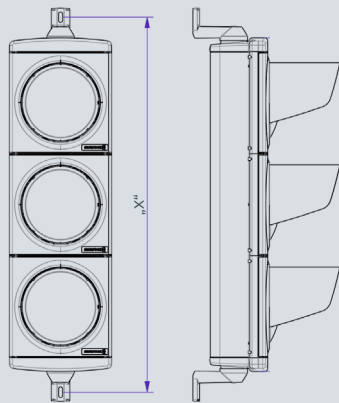- additional installations can be integrated in the housing

TECHNICAL DETAILS

Material	UV-stabilized polycarbonate, powder coated aluminum: cover and rear panel
Diameters, Mounting	200 / 300 mm | aspects: 1-5, vertical or horizontal
Smart features	integrated as 1/2 aspect version for 200 mm, on top and / or bottom
LED-Optic	200 / 300 mm LED modules FUTURLED
Two-point fixing	■ 105 mm brackets (Aluminium) (optional: 183 / 240 mm) ■ fixing for ironflats or on cantilever bracket ■ M12 / M20 mounting
One-point fixing	■ on top of a pole 42,5 / 64 / 76 mm ■ DSI bracket
Backing boards	fixing by means of domes on the back of the housing
Front colour	RAL 9005 black
Colours of rear design panel and cover	RAL 7032 light grey RAL 9005 black RAL 9006 white-aluminum more colours on request
Certificates	EN12368, CE, Protection classification II

opening angle up to 175°

DIMENSIONS

Two-point fixing

200 mm

Height „X"	1K	2K	3K	4K	5K
Alu 105 / 183 / 240	469 +/- 15	749 +/- 14	1029 +/- 13	1309 +/- 12	1589 +/- 9

300 mm

Height „X"	1K	2K	3K	4K	5K
Alu 105 / 183 / 240	554 +/- 15	924 +/- 14	1294 +/- 13	1664 +/- 12	2034 +/- 9

All figures in mm

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