

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 in a half aspect and turn this traffic signal into an intelligent system.



SafeLight
Ground projection for
pedestrian safety



Sound
Acoustic signal for
pedestrian orientation



AirDec
Measurement of air quality
and environmental data



LaneCom
Sensors for road user
detection

CILANE

KEY BENEFITS

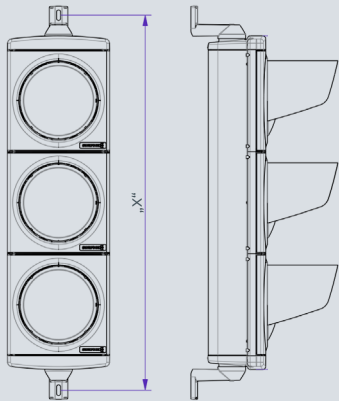
- the smart features „SafeLight, AirDec, LaneCom“ can be installed individually
- easily extendible and prepared for smart additional functions (CCAM)
- optional: integrated acoustic unit „Sound“ in half aspect
- shapely design – polycarbonate and aluminum
- Individual color combinations of rear design panel, cover and brackets
- 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
- easy cable routing between the aspects
- modern one-point or classic two-point fixing
- mounting of backing boards is prepared

TECHNICAL DETAILS	
Material	UV-stabilized polycarbonate, powder coated aluminum: cover and rear panel
Diameters, Mounting	200 / 300 mm 1-5 aspects vertical or horizontal
Smart features	integrated in 200 mm half aspect, on top and/or bottom
IP protection	IP55
Impact resistance	IR3
Temperature	-40°C to +60°C
Protection class	SK II
LED-Optic	200 / 300 mm LED modules FUTURLED6
Two-point fixing	<ul style="list-style-type: none">■ 105 mm brackets (aluminum) (optional: 183 / 240 mm)■ fixing for ironflats or on cantilever bracket■ M12 / M20 mounting
One-point fixing	<ul style="list-style-type: none">■ on top of a pole 42,5 / 64 / 76 mm■ DSI bracket
Backing boards	fixing on the back of the housing
Housing / front colours	RAL 9005 black RAL 6009 fir-green
Colours of rear design panel and cover	RAL 7032 light grey RAL 2000 yellow-orange RAL 9006 white-aluminum RAL 7031 blue-grey more colours on request
Certificates	EN 12368, CE



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