

SWARCO

COMBIA – CIFLOW

Traffic Signal

THE TRAFFIC LIGHT OF TOMORROW



THE SMART LED TRAFFIC SIGNAL

The LED traffic signal CIFLOW is a variant of the COMBIA traffic light family, which is made of UV-stabilized polycarbonate in combination with a powder coated aluminum cover. This gives the signal head not only visually appealing appearance, but also ensures stability and mechanical strength. The CIFLOW fits perfectly into any cityscape due to individual colour combinations in terms of housing, cover and rear design profile. The CIFLOW can thus be mounted either by means of modern one-point or classic two-point fixing. Furthermore this traffic signal can be equipped with individual smart functions in a half aspect and is therefore ready for the age of „smart mobility“.



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

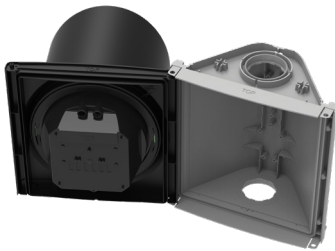
CIFLOW

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 a half aspect
- 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
- Individual color combinations – housing, cover in polycarbonat or aluminum, rear design profil
- 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

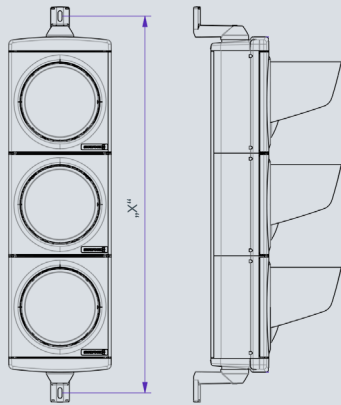
TECHNICAL DETAILS

Material	UV-stabilized polycarbonate, powder coated aluminum cover
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
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	■ 105 mm brackets (aluminum) (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 on the back of the housing
Housing / front colours	RAL 9005 black / RAL 9005 black RAL 6009 fir-green / RAL 6009 fir-green RAL 7001 silver-gray / RAL 9005 black RAL 7032 light grey / RAL 9005 black RAL 6009 fir-green / RAL 9005 black RAL 2000 orange / RAL 9005 black
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