

SWARCO COMBIA – CIWAY

Traffic Signal

THE TRAFFIC LIGHT OF TOMORROW



THE SMART LED TRAFFIC SIGNAL

The LED traffic signal CIWAY is a variant of the COMBIA traffic light family, which is made of UV-stabilized polycarbonate and is available in individual color combinations. Faster maintenance due to the very wide opening angle, as well as reduced assembly time by simply and quickly opening the aspects, are just a few of the many product advantages of this signal head. Of course, CIWAY is also an intelligent traffic signal thanks to the additional smart functions in a half aspect and thus 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

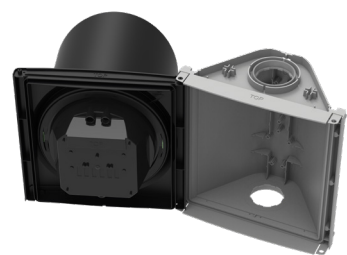


LaneCom
Sensors for road user
detection

KEY BENEFITS

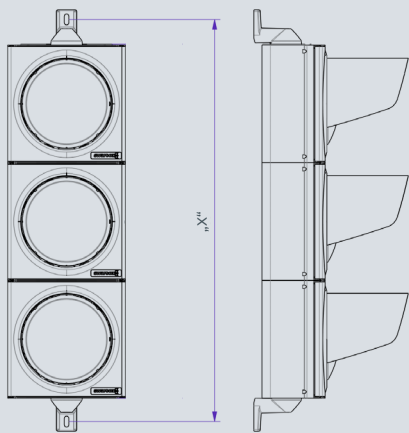
- the smart features „SafeLight, AirDec, LaneCom“ can be installed individually
- easily extendible and prepared for smart additional functions (CCAM)
- optional: integrated acoustic unit „Sound“ in half aspect
- faster maintenance: opening angle of the front doors to the left or right up to 175° at 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
- mounting of backing boards is prepared
- Polycarbonate cover for shapely design optionally available

TECHNICAL DETAILS	
Material	UV-stabilized polycarbonate
Diameters, Mounting	200 / 300 mm 1-5 aspects vertical or horizontal
Smart features	integrated in a 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 optional: also possible in combination
Two-point fixing	<ul style="list-style-type: none">■ 70 mm brackets (polycarbonat) (optional: 175 mm polycarbonat and 105 / 183 / 240 mm aluminum)■ fixing for ironflats or on cantilever bracket■ M8 / M12 mounting
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



200 mm

Height „X“	1K	2K	3K	4K
PC 70	397 +/- 13	677 +/- 12	957 +/- 11	----
PC 70 (with double-sided ring gear)	407 +/- 13	687 +/- 11	967 +/- 11	----
PC 175	413 +/- 7	693 +/- 6	973 +/- 6	----
Alu 105 / 183 / 240	404 +/- 16	684 +/- 15	964 +/- 15	1244 +/- 15

300 mm

Height „X“	1K	2K	3K	4K
PC 70	487 +/- 13	857 +/- 12	1227 +/- 11	----
PC 175	503 +/- 6	873 +/- 5	1243 +/- 5	----
Alu 105 / 183 / 240	494 +/- 16	846 +/- 15	1243 +/- 15	1604 +/- 15

All figures in mm