

SWARCO

# COMBIA CIWAY

TRAFFIC SIGNAL



## 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”.

### KEY BENEFITS

- the smart features „SafeLight, AirDec, LaneCom“ can be installed individually
- 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
- simple type of clamping technology for LED cabling
- elastic, plug-in visors
- easy cable routing between the aspects
- mounting of backing boards is prepared
- design cover for aesthetic silhouette optionally available for 200 mm
- additional installations can be integrated in the housing





## 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

## TECHNICAL DETAILS

Material	UV-stabilized polycarbonate,
Diameters, Mounting	200 / 300 mm   aspects: 1-4, vertical or horizontal
Smart features	integrated in a 200 mm half aspect on top and / or bottom
IP protection	IP55
Impact resistance	IR3, IK07
Temperature	-40°C to +60°C
Protection class	SK II (depending on the version)
LED-Optic	200 / 300 mm LED modules FUTURLED6 optional: also possible in combination

Two-point fixing	<ul style="list-style-type: none"> <li>70 / 175 mm brackets (polycarbonat) and 105 / 183 / 240 mm aluminum</li> <li>fixing for ironflats or on cantilever bracket</li> <li>M8 / M12 mounting</li> </ul>
Backing boards	fixing on the back of the housing
Housing / front colours	<ul style="list-style-type: none"> <li>RAL 9005 black / RAL 9005 black</li> <li>RAL 6009 fir-green / RAL 6009 fir-green</li> <li>RAL 7001 silver-gray / RAL 9005 black</li> <li>RAL 7032 light grey / RAL 9005 black</li> <li>RAL 6009 fir-green / RAL 9005 black</li> <li>RAL 2000 orange / RAL 9005 black</li> </ul>
Certificates	EN 12368, CE

## HEIGHT X

200 mm	1 aspect	2 aspects	3 aspects	4 aspects
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	1 aspect	2 aspects	3 aspects	4 aspects
PC 70	487 +/- 13	857 +/- 12	1227 +/- 11	-
PC 175	503 +/- 6	873 +/- 5	1243 +/- 5	-
Alu 105 / 183 / 240	494 +/- 16	864 +/- 15	1234 +/- 15	1604 +/- 15

