

SWARCO COMBIA – SAFELIGHT

Traffic Signal

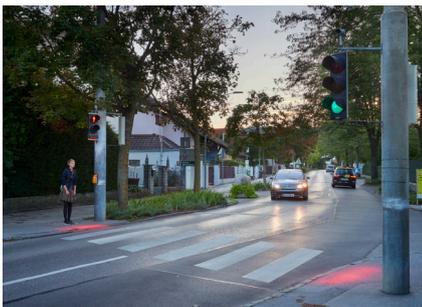
More light for
pedestrian safety



SafeLight increases safety on pedestrian crossings and is the optimal solution for the age of smartphones.

More and more accidents occur on pedestrian crossings because people are distracted by looking at their smartphones instead of paying attention to what the traffic light indicates.

SWARCO's new SafeLight application complements the conventional pedestrian signal function by directing a red light beam onto the pavement and reflecting the red traffic light, depending on the position of the pedestrian, on the display of the smartphone. SafeLight thus not only fulfils the function of a ground light but also draws the attention of the „head-down generation“ back onto the road and makes a significant contribution to pedestrian safety.



SAFELIGHT

KEY BENEFITS

- Better perception of the red traffic light due to red illuminated sidewalk edges
- Increasing pedestrian safety by reflecting the additional red traffic signal directly on the smartphone display
- Faster perception of pedestrians for motorists due to red marked areas on the sidewalk edge
- SafeLight module is an integrated part of the traffic signal (no external applications required)
- No excavation work on the road required
- SafeLight can be combined with an additional „Sound“ function as well as with other smart applications in a single traffic signal
- SafeLight can be used with all COMBIA 200mm signal heads (CIWAY, CIFLOW, CILANE) individually
- Modern, uniform design



TECHNICAL DETAILS

Optical specifications (light sensor)

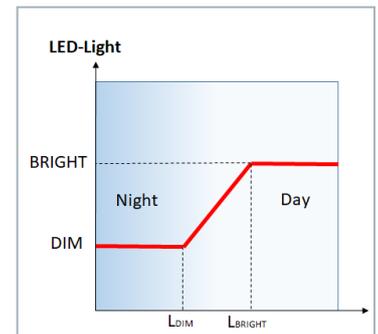
- Light-Output-BRIGHT= 1700 lm @ LBRIGHT >2000 lx
- Light-Output-DIM = 400 lm @ LDIM <100 lx
- Dimming delay up to 10 sec.
- Light-Output stays in BRIGHT-mode if light-sensor is not connected

Electrical specifications

- 230V-variant: Input-voltage U=230V AC ±15%
- OCIT-variant: Input-voltage U=40V AC +25% -15%
- ASTRIN-variant: Input-voltage U=42V AC +25% -15%
- Input Power (BRIGHT) P= 35W
- Input Power (DIM) P=7W
- Power Factor PF (BRIGHT) > 0,93
- Harmonic Distortions THDi (BRIGHT) < 15%
- Approvals: CE
- EMV certified
- Certificate: photobiological safety

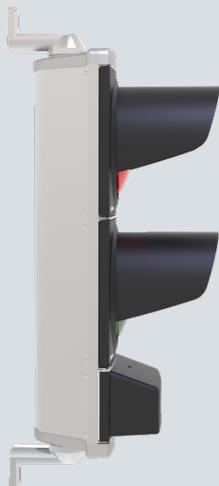
Environmental specifications

- Ambient operation temperature: -40°C to +60°C.
- All components are thermal protected



Optical specifications

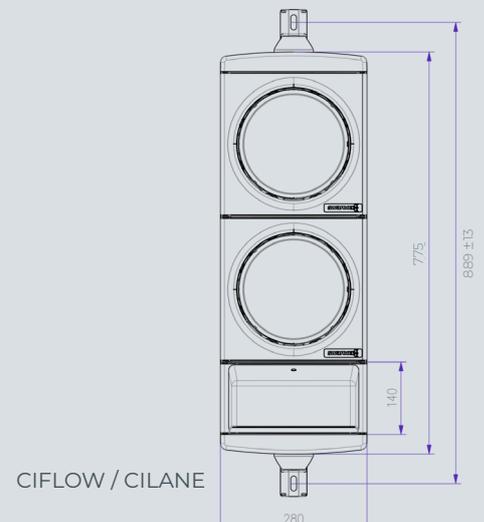
DIMENSIONS



symbol photo



CIWAY



CIFLOW / CILANE