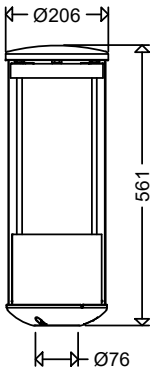


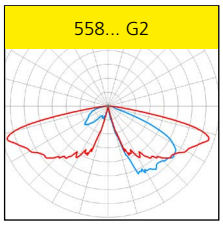
# CILA
# LED Pole-Top Light Fitting
# Series 558... G2

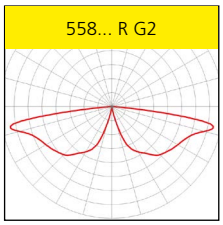
**Applications:**
**558... G2:**
Residential areas, residential and side streets, low traffic areas, footpaths and cycle tracks etc.
**558... R G2:**
Promenades, public parks, pedestrian areas etc.
**Design :**
Roof and supporting section: Aluminium, powder-coated DB 702.
Cover: PMMA, clear, cylindrical

Electrical components: Wired ready for installation, disconnect plug-in connector to the mains connection terminal, cable retainer for connection cable, with LED module and ECG unit.
Light distribution: Asymmetrical wide beam or symmetrical circular beam (**R**).
Mounting system: 3 non-corrosive steel locking screws serve for fixation on straight poles Ø 76 mm. Adapter (**RZ 1**) for pole end Ø 60 mm (see accessories / spare parts).

**Electrical design:**
LED module: 4,000 K or 3,000 K, $R_a$ > 70, service life $L_{95}$ > 100,000 h, Zhaga compliant
ECG: 220-240 V, 50-60 Hz, Surge voltage resistance 10 kV, overload and short circuit protection.




**Options:**
– 2,200 K; light colour (**722**)
– 1,800 K; light colour (**518**)
– asymmetrical extremely wide beam (**RWX**), for illuminating cycle paths
– special painting in RAL colours
– protection class I (**SKI**)
– seawater-resistant version
– for connection to a central power supply system (**ZB**)
– variable adjustable luminous flux via APP (**NFC**)
– Ready for Lightmanagement System (**RFL**), only possible without ring mirror accessories
– dimming function via DALI-2 interface, compatible with LIMAS Line wired Light Management System (**DIMD**)
– power reduction with control phase (**LR**)
– power reduction without control phase (**LA**)
– constant luminous flux function (**CL**)
– with backside light shielding (**HA**)
– Inclination adjustment of the LED unit, for illuminating wide roads

**Product highlights:**

- **long-lasting, corrosion-resistant aluminium construction**
- **quick installation** thanks to **tool-free opening** of the lumimaire
- **tool-free replacement of** ECG and LED module
- **homogeneous illumination** due to the **Multi-Layer-Technology**
- **BlackEdition, ULOR=0 % (**Modifications with accessories influence the light distribution)
- versions dimmable to 10% with luminous fluxes up to 2,000 lm and with color temperature up to 3,000 K comply with **Dark Sky requirements**
- control gear and LED-module replaceable by qualified personnel on-site
- **future proof** by using standardised LED-modules (Zhaga) and long-term availability of spare parts



All CILA luminaires are also available in an RFL version and are therefore, thanks to their Zhaga Book 18-compliant base with D4i control gear, prepared for the subsequent use of a Light Management System.

Properties, limitations and details for controlling LED-light fittings:
See "Technical Supplement"

All data are correct at the time of printing. Actual technical data can be found under www.schuch.de.

All light fittings also available with connected cable (see accessories in the data sheet).

## 558... G2

IP54 | Wind load area A = 0,11m²

### asymmetrical wide beam

#### colour temperature 4.000K (light colour 740)

| Article No. | Type | Connected load [W] | Luminous flux [lm] | Luminous efficacy [lm/W] | Weight [kg] (without packingmaterial) |
|---|---|---|---|---|---|
| 55801 0001 | **558 0801 G2** | 9 | 1.430 | 159 | 4,7 |
| 55801 0002 | **558 0802 G2** | 13 | 2.000 | 154 | 4,7 |
| 55801 0003 | **558 0803 G2** | 18 | 2.690 | 149 | 4,7 |
| 55801 0004 | **558 1601 G2** | 17 | 2.850 | 168 | 4,8 |
| 55801 0005 | **558 1602 G2** | 25 | 3.950 | 158 | 4,8 |
| 55801 0006 | **558 1603 G2** | 35 | 5.280 | 151 | 4,8 |

#### colour temperature 3.000K (light colour 730)

| | | | | | |
|---|---|---|---|---|---|
| 55801 0013 | **558 0801 G2 730** | 9 | 1.360 | 151 | 4,7 |
| 55801 0014 | **558 0802 G2 730** | 13 | 1.900 | 146 | 4,7 |
| 55801 0015 | **558 0803 G2 730** | 18 | 2.560 | 142 | 4,7 |
| 55801 0016 | **558 1601 G2 730** | 17 | 2.710 | 159 | 4,8 |
| 55801 0017 | **558 1602 G2 730** | 25 | 3.750 | 150 | 4,8 |
| 55801 0018 | **558 1603 G2 730** | 35 | 5.020 | 143 | 4,8 |

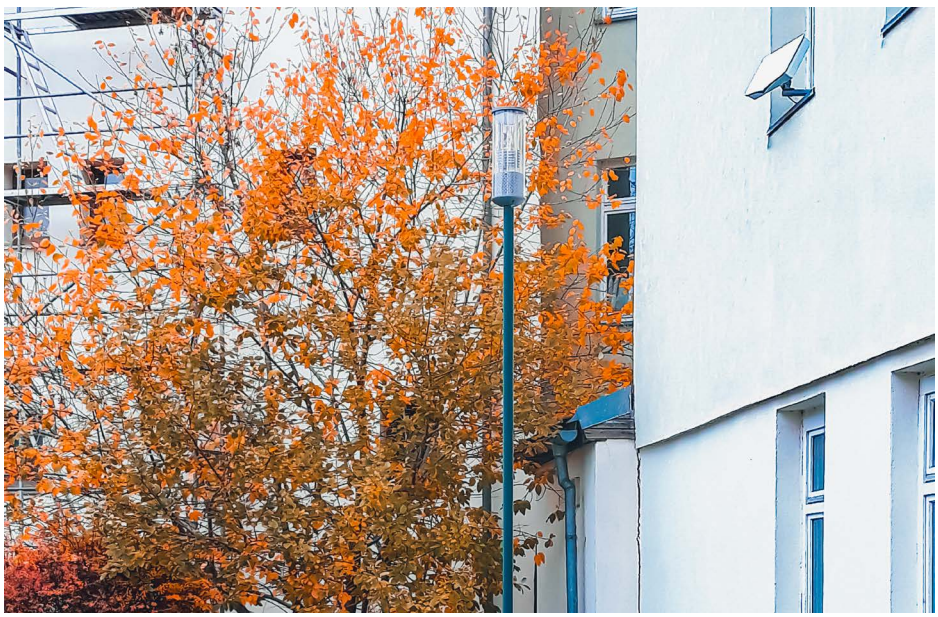
### symmetrical circular beam

#### colour temperature 4.000K (light colour 740)

| | | | | | |
|---|---|---|---|---|---|
| 55801 0007 | **558 0801R G2** | 9 | 1.430 | 159 | 4,7 |
| 55801 0008 | **558 0802R G2** | 13 | 2.000 | 154 | 4,7 |
| 55801 0009 | **558 0803R G2** | 18 | 2.690 | 149 | 4,7 |
| 55801 0010 | **558 1601R G2** | 17 | 2.850 | 168 | 4,8 |
| 55801 0011 | **558 1602R G2** | 25 | 3.950 | 158 | 4,8 |
| 55801 0012 | **558 1603R G2** | 35 | 5.280 | 151 | 4,8 |

#### colour temperature 3.000K (light colour 730)

| | | | | | |
|---|---|---|---|---|---|
| 55801 0019 | **558 0801R G2 730** | 9 | 1.360 | 151 | 4,7 |
| 55801 0020 | **558 0802R G2 730** | 13 | 1.900 | 146 | 4,7 |
| 55801 0021 | **558 0803R G2 730** | 18 | 2.560 | 142 | 4,7 |
| 55801 0022 | **558 1601R G2 730** | 17 | 2.710 | 159 | 4,8 |
| 55801 0023 | **558 1602R G2 730** | 25 | 3.750 | 150 | 4,8 |
| 55801 0024 | **558 1603R G2 730** | 35 | 5.020 | 143 | 4,8 |



All light fittings also available with connected cable (see accessories in the data sheet).

All luminaires also available with luminous flux adjustment via app (**NFC version**).

| Article No. | Type | Connected load [W] | Luminous flux [lm] 1) | Luminous efficacy [lm/W] (up to) | Substitute for ca. * | Weight [kg] (without packingmaterial) |
|---|---|---|---|---|---|---|

## 558... G2 VARIO

IP54 | Wind load area A = 0,11m²

**Design:**

Same as type 558... G2 but: With an integrated DIP switch for for variable adjustment of the luminous flux in the luminaire.

**Product highlights of the VARIO version:**

- simple, fast, tool-free setting of the luminous flux on site, by means of integrated switch, can be changed at any time
- reduction in the variety of types

**asymmetrical wide beam**

**colour temperature 3.000K (light colour 730)**

| | | | | | | |
|---|---|---|---|---|---|---|
| 55802 0002 | **558 L25 G2 VARIO** | 5 - 18 | 660 - 2.690 | 144 | HST 35 - HST 50 | 4,7 |
| 55802 0003 | **558 L50 G2 VARIO** | 9 - 35 | 1.320 - 5.280 | 156 | HST 35 - 2 x HST 70 | 4,8 |

**colour temperature 3.000K (light colour 730)**

| | | | | | | |
|---|---|---|---|---|---|---|
| 55802 0004 | **558 L25 G2 VARIO 730** | 5 - 18 | 630 - 2.560 | 136 | HST 35 - HST 50 | 4,7 |
| 55802 0005 | **558 L50 G2 VARIO 730** | 9 - 35 | 1.250 - 5.020 | 147 | HST 35 - 2 x HST 70 | 4,8 |

**symmetrical circular beam**

**colour temperature 4.000K (light colour 740)**

| | | | | | | |
|---|---|---|---|---|---|---|
| 55802 0006 | **558 L25R G2 VARIO** | 5 - 18 | 660 - 2.690 | 144 | HST 35 - HST 50 | 4,7 |
| 55802 0007 | **558 L50R G2 VARIO** | 9 - 35 | 1.320 - 5.280 | 156 | HST 35 - 2 x HST 70 | 4,8 |

**colour temperature 3.000K (light colour 730)**

| | | | | | | |
|---|---|---|---|---|---|---|
| 55802 0008 | **558 L25R G2 VARIO 730** | 5 - 18 | 630 - 2.560 | 136 | HST 35 - HST 50 | 4,7 |
| 55802 0009 | **558 L50R G2 VARIO 730** | 9 - 35 | 1.250 - 5.020 | 147 | HST 35 - 2 x HST 70 | 4,8 |

Factory setting L25: 18 W; replaces approx. HME 80, HST 50

Factory setting L50: 18 W; replaces approx. HME 125, HST 70

1) possible setting range

* The given information is for rough orientation only. In each individual case a lighting calculation is necessary.



**with ring mirror**



**with frosted board cover**



**with frosted board cover and ring mirror**

## Accessories / Spare Parts

| Article no. | Type | |
|---|---|---|
| 10051 9000 | **ABD 541/55. G2 PMMA** | cover, cylinder PMMA clear, for 541, 553, 556, 557, 558... |
| 10041 9001 | **ABDP 54./55. C PMMA** | board cover, diffuser for glare limitation, diffuser PMMA satined, for 541, 543, 553, 556, 557, 558… |
| 90116 9004 | **RS 54./55. G2** | ring mirror, aluminium for series 541, 543, 553, 556, 557, 558… (Design element) |
| 90126 0001 | **RZ 1 BK** | adapter for mast top Ø 60 mm |