

NEW

## CILA

### LED Pole-Top Light Fitting with variable setting of the luminous flux

#### Series 558... G2 VARIO

##### 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 (mica-iron paint, grey)

Cover: PMMA, clear, cylindrical

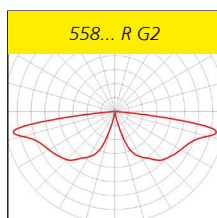
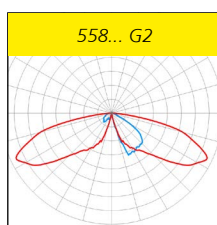
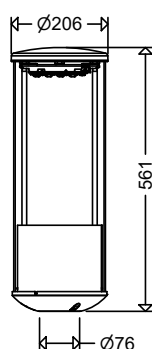
Electrical components: Wired ready for

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).

Switch for setting the luminous flux of the luminaire.

Mounting system: 3 non-corrosive steel locking screws serve for fixation on straight poles Ø 76 mm. Adapter (RZ 1) for pole end Ø of 60 mm (see accessories / spare parts).



##### Electrical design:

LED module: 4,000K or 3,000K,  $R_a > 70$ , service life  $L_{90} > 100,000h$ , Zhaga compliant

ECG: 220-240V, 50-60Hz, Surge voltage resistance 10kV, overload and short circuit protection.

##### Light control:

On request, the luminaires are also available with the following configurations:

**Output reduction with control phase (LR):** For reducing the luminous flux to 50% at times of low traffic density. Control phase (LST) required. Switching via control phase (LST = 230V: 100%; LST = 0V: 50%). Alternative dimming levels possible.

**Output reduction without control phase (LA):** Autarkic dimming. Reduced operation 50% between 22:00 and 4:00h CET or 23:00 and 5:00h CEST, also available with deviating times and with alternative dimming steps.

**Digital dimming with DALI interface (DIMD)**

**Constant luminous flux function (CL):** Luminous flux is kept on a constant level over the entire service life of the LED-modules.

##### Options:

– 2,200K, light colour 722

(approx. 15% lower luminous flux)

– 1,800K, light colour 518 „Amber“

(approx. 45% lower luminous flux)

– protection class I (SKI)

– optics for cycle track (RWX)

– tilt adjustment of the LED unit for

illuminating wider roads (NV)

– for connection to group or central battery systems (ZB) or emergency lighting networks respectively

– seawater-resistant version (SWP)

– Ready for Light Management Systems (RFL), only possible without accessory ring mirror

– special painting in RAL colours (SL)

– with backside light shielding (HA)

##### Product highlights:

- optimal light distribution due to direct beam LED with highly efficient optics
- homogeneous illumination due to Multi-Layer technology i.e. every individual LED illuminates the total area, the light curves of the individual LEDs are overlapping
- quick installation, maintenance and conversion thanks to tool-free opening of the light fitting and tool-free replacement of the electrical components (LED module and ECG unit)
- BlackEdition, ULOR=0% (Modifications with accessories influence the light distribution)
- eco-friendly, all versions dimmable to 10% with luminous fluxes up to 2000lm and color temperature up to max. 3,000K fulfill the Dark Sky requirements
- sustainable, control gear and LED-module replaceable by qualified personnel on-site
- future proof by using standardized LED-modules (Zhaga) and long-term availability of spare parts

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](http://www.schuch.de).

Article No.	Type	Connected load [W]	Luminous flux [lm] <sup>1)</sup>	Luminous efficacy [lm/W] (up to)	Substitute for ca. *	Weight [kg] (without packing material)
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## 558... G2 VARIO

IP54



Wind load  
area  
A = 0,11m²

The luminous flux is variably adjustable. The Connected load will change depending on the setting of the luminous flux. In the table you will find examples of settings with reference to common conventional versions. Intermediate values are also possible. Setting table on request.

### asymmetrical wide beam

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

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

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

55802 0004	<b>558 L25 G2 VARIO 730</b>	5 - 18	630 - 2.560	136	HST 35 - HST 50	4,7
55802 0005	<b>558 L50 G2 VARIO 730</b>	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	<b>558 L25R G2 VARIO</b>	5 - 18	660 - 2.690	144	HST 35 - HST 50	4,7
55802 0007	<b>558 L50R G2 VARIO</b>	9 - 35	1.320 - 5.280	156	HST 35 - 2 x HST 70	4,8

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

55802 0008	<b>558 L25R G2 VARIO 730</b>	5 - 18	630 - 2.560	136	HST 35 - HST 50	4,7
55802 0009	<b>558 L50R G2 VARIO 730</b>	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

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

1) possible setting range

Also available with output reduction (LR / LA) or constant luminous flux function (CL) as well as combinations of these functions (CL LR / CL LA).



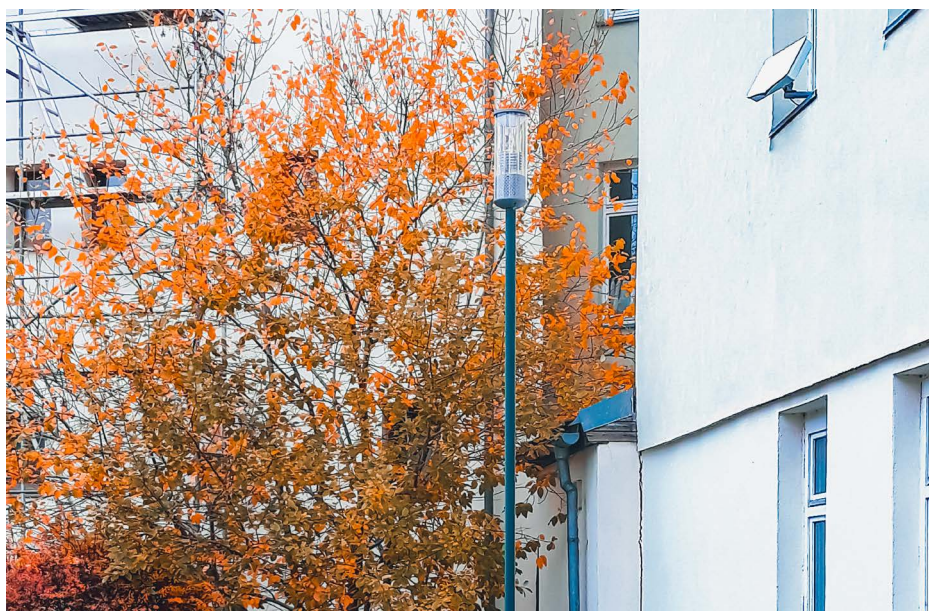
with ring mirror



with frosted board cover



with frosted board cover  
and ring mirror



## Accessories / Spare Parts

Article no.	Type	
10051 9000	<b>ABD 541/55.</b>	cover, cylinder PMMA clear, for 541, 553, 556, 557, 558...
10041 9001	<b>ABDP 54./55. C</b>	board cover, diffuser for glare limitation, diffuser PMMA satined, for 541, 543, 553, 556, 557, 558...
90116 9004	<b>RS 54./55. G2</b>	ring mirror, aluminium for series 541, 543, 553, 556, 557, 558... (Design element)
90126 0001	<b>RZ 1 RAL9005</b>	adapter for mast top Ø 60mm