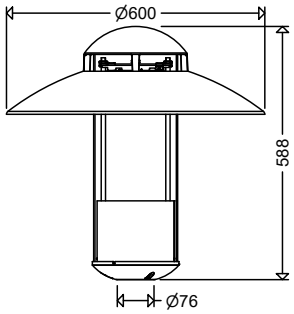
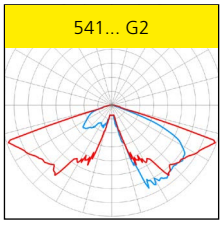


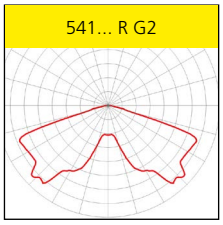
CAPA
LED Pole-Top Light Fitting
Series 541… G2

Applications:
541… G2:
Residential areas, residential and side streets, low traffic areas, footpaths and cycle tracks etc.
541… R G2:
Promenades, public parks, pedestrian areas etc.
Design:
Supporting section, roof and top cover: 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-corrossive steel locking screws serve for fixation on straight pole end Ø 76 mm.
Adapter (**RZ 1**) for pole end Ø 60 mm (see accessories / spare parts).

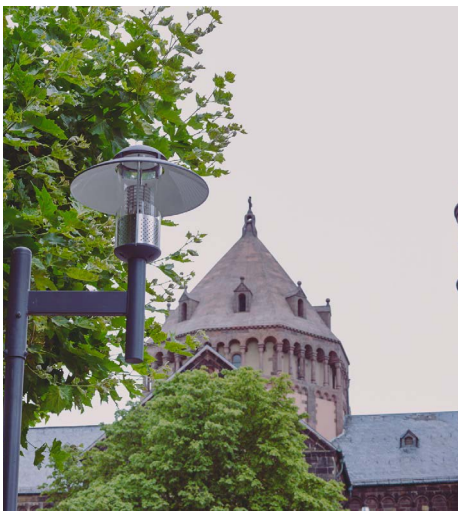
Electrical design:
LED module: 4,000 K or 3,000 K, R_a > 70, service life L_{95} > 100,000 h, Zhaga compliant
ECG: 220-240 V, 50-60 Hz, Surge voltage resistance 10 kV, overload and short circuit protection.







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



RFL

All CAPA 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).

541... G2

IP54 | Wind load area A = 0,13m²

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)
54100 0001	**541 0801 G2**	9	1.380	153	7,1
54100 0002	**541 0802 G2**	13	1.920	148	7,1
54100 0003	**541 0803 G2**	18	2.590	144	7,1
54100 0004	**541 1601 G2**	17	2.740	161	7,2
54100 0005	**541 1602 G2**	25	3.800	152	7,2
54100 0006	**541 1603 G2**	35	5.080	145	7,2

colour temperature 3.000K (light colour 730)

54100 0013	**541 0801 G2 730**	9	1.310	146	7,1
54100 0014	**541 0802 G2 730**	13	1.820	140	7,1
54100 0015	**541 0803 G2 730**	18	2.460	137	7,1
54100 0016	**541 1601 G2 730**	17	2.600	153	7,2
54100 0017	**541 1602 G2 730**	25	3.610	144	7,2
54100 0018	**541 1603 G2 730**	35	4.830	138	7,2

symmetrical circular beam

colour temperature 4.000K (light colour 740)

54100 0007	**541 0801R G2**	9	1.380	153	7,1
54100 0008	**541 0802R G2**	13	1.920	148	7,1
54100 0009	**541 0803R G2**	18	2.590	144	7,1
54100 0010	**541 1601R G2**	17	2.740	161	7,2
54100 0011	**541 1602R G2**	25	3.800	152	7,2
54100 0012	**541 1603R G2**	35	5.080	145	7,2

colour temperature 3.000K (light colour 730)

54100 0019	**541 0801R G2 730**	9	1.310	146	7,1
54100 0020	**541 0802R G2 730**	13	1.820	140	7,1
54100 0021	**541 0803R G2 730**	18	2.460	137	7,1
54100 0022	**541 1601R G2 730**	17	2.600	153	7,2
54100 0023	**541 1602R G2 730**	25	3.610	144	7,2
54100 0024	**541 1603R G2 730**	35	4.830	138	7,2



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)

541... G2 VARIO

IP54 | Wind load area A = 0,13m²

Design:
Same as type 541... 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)

54101 0001	**541 L25 G2 VARIO**	5 - 18	630 - 2.590	153	HST 35 - HST 50	7,1
54101 0002	**541 L50 G2 VARIO**	9 - 35	1.270 - 5.080	162	HST 35 - 2 x HST 70	7,2

colour temperature 3.000K (light colour 730)

54101 0003	**541 L25 G2 VARIO 730**	5 - 18	600 - 2.460	146	HST 35 - HST 50	7,1
54101 0004	**541 L50 G2 VARIO 730**	9 - 35	1.210 - 4.830	154	HST 35 - 2 x HST 70	7,2

symmetrical circular beam

colour temperature 4.000K (light colour 740)

54101 0005	**541 L25R G2 VARIO**	5 - 18	630 - 2.590	153	HST 35 - HST 50	7,1
54101 0006	**541 L50R G2 VARIO**	9 - 35	1.270 - 5.080	162	HST 35 - 2 x HST 70	7,2

colour temperature 3.000K (light colour 730)

54101 0007	**541 L25R G2 VARIO 730**	5 - 18	600 - 2.460	146	HST 35 - HST 50	7,1
54101 0008	**541 L50R G2 VARIO 730**	9 - 35	1.210 - 4.830	154	HST 35 - 2 x HST 70	7,2

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