

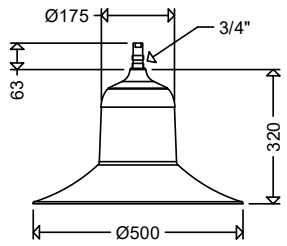
BELLA
Pendant LED Light Fittings
Series 564/565... G2

Applications:
Renewal of villages and historic city centres, low traffic areas, pedestrian areas, promenades, public parks.

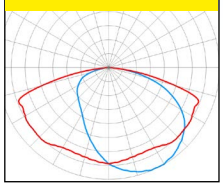
Design:
Housing: Aluminium sheet, powder coated in DB 702.
Cover: Diffuser PMMA pearled
Electro kit: ECG and LED wired ready for connection, cable retainer for connection cable in housing.
Light distribution: Asymmetrical wide beam or symmetrical circular beam (**R**).
Mounting: To pole top sections with internal thread 3/4" (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.

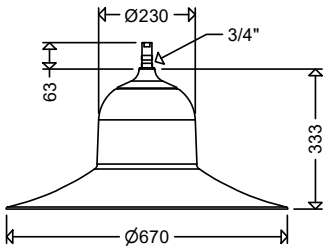
Series 564... G2



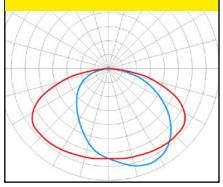
564... G2



Series 565... G2



565... G2



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**)
– 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**)
– inrush current limiter
– with backside light shielding (**HA**)
– for pole tops with a different internal thread, e.g. 1/2"

Product highlights:

- **durable, corrosion-resistant aluminium housing** with flat surface without cooling fins
- **homogeneous illumination** due to the **Multi-Layer-Technology**
- **good glare limitation** due to low-lying pearled cover
- **tool-free replacement of** ECG and LED module
- no light emission into the upper half space, **ULOR=0**
- versions dimmable to 10% 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



! 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 (H07RN-F or NYM) in the required length.

564... G2 / 565... G2

IP65 | Wind load area A = 0,09m²

Article No.	Type	Connected load [W]	Luminous flux [lm]	Luminous efficacy [lm/W]	Weight [kg] (without packingmaterial)
colour temperature 4.000K (light colour 740)					
56400 0001	**564 0801 G2**	9	1.510	168	2,8
56400 0002	**564 0802 G2**	13	2.100	162	2,8
56400 0003	**564 0803 G2**	18	2.840	158	2,8
56400 0007	**564 0801R G2**	9	1.510	168	2,8
56400 0008	**564 0802R G2**	13	2.100	162	2,8
56400 0009	**564 0803R G2**	18	2.840	158	2,8
56400 0004	**564 1601 G2**	17	3.000	176	2,8
56400 0005	**564 1602 G2**	25	4.170	167	2,8
56400 0006	**564 1603 G2**	35	5.580	159	2,8
56400 0010	**564 1601R G2**	17	3.000	176	2,8
56400 0011	**564 1602R G2**	25	4.170	167	2,8
56400 0012	**564 1603R G2**	35	5.580	159	2,8
56500 0001	**565 1601 G2**	17	2.960	174	4,4
56500 0002	**565 1602 G2**	25	4.130	165	4,4
56500 0003	**565 1603 G2**	35	5.580	159	4,4
56500 0007	**565 1601R G2**	17	2.960	174	4,4
56500 0008	**565 1602R G2**	25	4.130	165	4,4
56500 0009	**565 1603R G2**	35	5.580	159	4,4
56500 0004	**565 3201 G2**	34	5.990	176	4,5
56500 0005	**565 3202 G2**	50	8.300	166	4,5
56500 0006	**565 3203 G2**	70	11.150	159	4,5
56500 0010	**565 3201R G2**	34	5.990	176	4,5
56500 0011	**565 3202R G2**	50	8.300	166	4,5
56500 0012	**565 3203R G2**	70	11.150	159	4,5
colour temperature 3.000K (light colour 730)					
56400 0013	**564 0801 G2 730**	9	1.430	159	2,8
56400 0014	**564 0802 G2 730**	13	2.000	154	2,8
56400 0015	**564 0803 G2 730**	18	2.700	150	2,8
56400 0019	**564 0801R G2 730**	9	1.430	159	2,8
56400 0020	**564 0802R G2 730**	13	2.000	154	2,8
56400 0021	**564 0803R G2 730**	18	2.700	150	2,8
56400 0016	**564 1601 G2 730**	17	2.850	168	2,8
56400 0017	**564 1602 G2 730**	25	3.960	158	2,8
56400 0018	**564 1603 G2 730**	35	5.300	151	2,8
56400 0022	**564 1601R G2 730**	17	2.850	168	2,8
56400 0023	**564 1602R G2 730**	25	3.960	158	2,8
56400 0024	**564 1603R G2 730**	35	5.300	151	2,8
56500 0013	**565 1601 G2 730**	17	2.810	165	4,4
56500 0014	**565 1602 G2 730**	25	3.920	157	4,4
56500 0015	**565 1603 G2 730**	35	5.300	151	4,4
56500 0019	**565 1601R G2 730**	17	2.810	165	4,4
56500 0020	**565 1602R G2 730**	25	3.920	157	4,4
56500 0021	**565 1603R G2 730**	35	5.300	151	4,4
56500 0016	**565 3201 G2 730**	34	5.690	167	4,5
56500 0017	**565 3202 G2 730**	50	7.890	158	4,5
56500 0018	**565 3203 G2 730**	70	10.590	151	4,5
56500 0022	**565 3201R G2 730**	34	5.690	167	4,5
56500 0023	**565 3202R G2 730**	50	7.890	158	4,5
56500 0024	**565 3203R G2 730**	70	10.590	151	4,5

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

564... G2 VARIO / 565... G2 VARIO

IP65 | Wind load area A = 0,09m²

Design:
Same as type 564... G2 / 565... 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

colour temperature 4.000K (light colour 740)

Article No.	Type	Connected load [W]	Luminous flux [lm] 1)	Luminous efficacy [lm/W] (up to)	Substitute for ca. *	Weight [kg] (without packing material)
56401 0001	**564 L25 G2 VARIO**	5 - 18	690 - 2.840	168	HST 35 - HST 50	2,8
56401 0003	**564 L25R G2 VARIO**	5 - 18	690 - 2.840	168	HST 35 - HST 50	2,8
56401 0002	**564 L50 G2 VARIO**	9 - 35	1.390 - 5.580	178	HST 35 - 2 x HST 70	2,8
56401 0004	**564 L50R G2 VARIO**	9 - 35	1.390 - 5.580	178	HST 35 - 2 x HST 70	2,8
56501 0001	**565 L50 G2 VARIO**	9 - 35	1.360 - 5.580	176	HST 35 - 2 x HST 70	4,4
56501 0003	**565 L50R G2 VARIO**	9 - 35	1.360 - 5.580	176	HST 35 - 2 x HST 70	4,4
56501 0002	**565 L100 G2 VARIO**	16 - 70	2.760 - 11.150	178	HST 50 - HSE 150	4,5
56501 0004	**565 L100R G2 VARIO**	16 - 70	2.760 - 11.150	178	HST 50 - HSE 150	4,5

colour temperature 3.000K (light colour 730)

56401 0005	**564 L25 G2 VARIO 730**	5 - 18	660 - 2.700	159	HST 35 - HST 50	2,8
56401 0007	**564 L25R G2 VARIO 730**	5 - 18	660 - 2.700	159	HST 35 - HST 50	2,8
56401 0006	**564 L50 G2 VARIO 730**	9 - 35	1.320 - 5.300	169	HST 35 - 2 x HST 70	2,8
56401 0008	**564 L50R G2 VARIO 730**	9 - 35	1.320 - 5.300	169	HST 35 - 2 x HST 70	2,8
56501 0005	**565 L50 G2 VARIO 730**	9 - 35	1.290 - 5.300	167	HST 35 - 2 x HST 70	4,4
56501 0007	**565 L50R G2 VARIO 730**	9 - 35	1.290 - 5.300	167	HST 35 - 2 x HST 70	4,4
56501 0006	**565 L100 G2 VARIO 730**	16 - 70	2.620 - 10.590	169	HST 50 - HSE 150	4,5
56501 0008	**565 L100R G2 VARIO 730**	16 - 70	2.620 - 10.590	169	HST 50 - HSE 150	4,5

Factory setting L25: 18 W; replaces approx. HST 50
Factory setting L50: 18 W; replaces approx. HME 125, HST 70
Factory setting L100: 54 W; replaces approx. HME 250

1) possible setting range

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



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



Article no.	Type	Connected load W	Luminous flux [lm]	Luminous efficacy [lm/W]	Weight [kg] (without packing material)

RFL - Ready for Light Management Systems

Design:

Same as standard version **564... G2 / 565... G2**, but prepared for the subsequent use of a Light Management System. Integrated sockets allows retrofitting of Light Management components without tools.

Product highlights:

- standardised Zhaga Book 18 compliant sockets with D4i control gear
- subsequent use of a light management system possible at any time
- tool-free, quick assembly of the Light Management System components

NEW

564... G2 / 565... G2 RFL

IP65 | Wind load area A = 0,09m²

with a socket on the top and bottom side of the luminaire

colour temperature 4.000K (light colour 740)

56403 0001	**564 0803 G2 RFLOU**	18	2.840	158	3,0
56403 0002	**564 1603 G2 RFLOU**	35	5.580	159	3,0
56503 0001	**565 1603 G2 RFLOU**	35	5.580	159	4,6
56503 0002	**565 3203 G2 RFLOU**	70	11.150	159	4,7

colour temperature 3.000K (light colour 730)

56403 0003	**564 0803 G2 730 RFLOU**	18	2.700	150	3,0
56403 0004	**564 1603 G2 730 RFLOU**	35	5.300	151	3,0
56503 0003	**565 1603 G2 730 RFLOU**	35	5.300	151	4,6
56503 0004	**565 3203 G2 730 RFLOU**	70	10.590	151	4,7

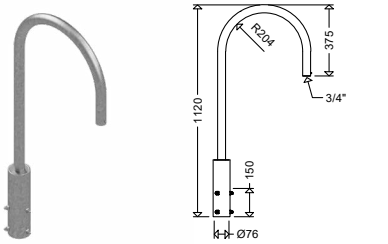
System accessories

Article No.	Type	
90546 9018	**RFL BM/DS IR12**	RFL motion sensor with light sensor, infrared (maximum light point height 12.0 m)
90546 9004	**RFL BM/DS IR8**	RFL motion sensor with light sensor, infrared (light point height max. 8.0 m)
90546 9000	**RFL DS20**	RFL control element with light sensor, standalone, 20 lx
90543 0001	**LASC DONGLE USB + SOFT + LIZ**	LIMAS Air SYNC USB dongle with software and licence
90546 9012	**RFL LASC BM RAD10 MA MK2**	RFL LIMAS Air SYNC light management controller (2.4 GHz mesh network) with motion sensor, radar (mounting height max. 10.0 m) for mast mounting with 2.0 m cable
90546 9011	**RFL LASC BM RAD8**	RFL LIMAS Air SYNC light management controller (2.4 GHz mesh network) with motion sensor, radar (max. light point height 8.0 m)
90546 9014	**RFL LASC DS**	RFL LIMAS Air SYNC light management controller (2.4 GHz mesh network) with light sensor
90546 9010	**RFL LASC DS GPS SIM**	RFL LIMAS Air SYNC light management controller (2.4 GHz mesh network) with light sensor, GPS antenna and eSIM

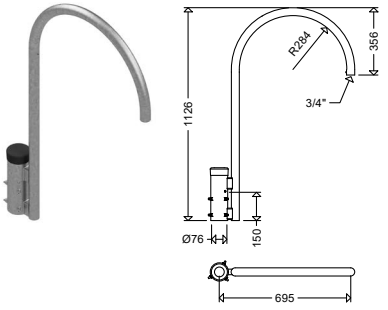
Other sensors, e.g. environmental sensors (fine dust, CO_2, weather station etc.) on request.

Round arch pole-top adapter

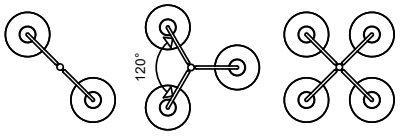
for pendant lights with upper thread 3/4"



Article no.	Type	Description	Weight
61999 0001	**MAU 619/1**	for 1 fitting	8,8 kg



72299 0001	**MAU 722/1**	for 1 fitting	8,2 kg
72299 0002	**MAU 722/2**	for 2 fitting	14,0 kg
72299 0003	**MAU 722/3**	for 3 fittings	19,9 kg
72299 0004	**MAU 722/4**	for 4 fittings	25,7 kg



Tops also available painted to match luminaire color (SL).

Accessories / Spare Parts

Article no.	Type	
56410 0001	**ABD 564 G2 P PMMA**	cover, diffuser PMMA pearled, for 564... G2
56510 0001	**ABD 565 G2 P PMMA**	cover, diffuser PMMA pearled, for 565... G2