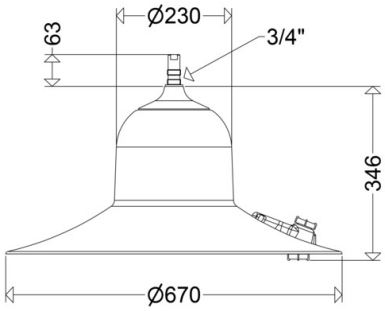
LED pendant light fitting

BELLA
565 1603 G2 RFLOU
[Item no. : 56503 0001]



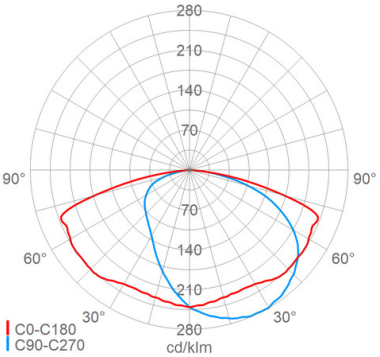
General product description

LED pendant light fitting BELLA, consisting of powder-coated aluminium housing and clear pearled PMMA cover. Gear tray with LED modules, optics, ECG, terminal clamp and strain relief, tool-free exchangeable. Zhaga LED modules with highly efficient optics, direct beam, Multi-Layer Technology. ECG with high surge protection, overload and short circuit protection. Mounting on pole-top sections with internal thread 3/4". Thanks to their Zhaga Book 18-compliant base and integrated D4i control gear, RFL luminaires are optimally prepared for “plug-and-play” use with a light management system or sensor technology (e.g. motion detectors). To avoid functional limitations or possible damage to the system, we strongly advise against using components that are not D4i-certified.



General product benefits

- later use of a light management system possible at any time
- quick assembly of the light management system components, no tools required
- standardized Zhaga socket allow free choice of light management system
- optimal light distribution due to highly efficient lens optics with direct beam
- good glare limitation due to low-lying pearled cover
- homogenous illumination due to Multi-Layer Technology, i.e. every individual LED illuminates the whole surface, the light distribution curves of the LED are overlapping
- quick maintenance and change of components due to tool-free exchangeable gear-tray system (electrical block)
- 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
- interchangeable components
- future proof by using standardised Zhaga LED modules



Applications

- renewal of villages and historic city centres, traffic-calmed zones, pedestrian areas, promenades, public parks etc.

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Technical data

General

EAN/GTIN:	4041254447667

Key technical data

Light source:	LED
LED module standard:	Zhaga
Exchangeability:	light source and control gear replaceable by qualified person
Connected load:	35 W
Luminaire luminous flux:	5580 lm
Luminous efficacy:	159 lm/W
Colour temperature:	4000 K
Colour rendering (CRI):	≥ 70
Light colour:	740
Admissible ambient temperature T_a:	-40 °C to +45 °C
Control gear:	1 x ECG, Overload protection, Short circuit protection
Energy efficiency class:	B
Overvoltage protection:	10 kV
I LED max:	700 mA

Lighting control

Light management system:	Ready for Light Management Systems (RFL)
RFL socket:	socket on the top and at the bottom (RFLOU)

Lighting technology

Optical system:	Lens optics
Optical system material:	PMMA
Light distribution:	asymmetrical wide beam
Photobiological safety:	RG1

Service life

Service life LED:	L95>100000 h (@ Ta max)

Electrical connection

Rated voltage:	220 - 240 V, 50/60 Hz
Terminal clamp:	Screw terminal, 3-polig, 0,75 - 2,5 mm²
Max. no. with circuit breaker B16:	21
CB B10/B13/B20:	14/18/27
CB C10/C13/C16/C20:	21/28/35/43

Features/Certificates

Protection class:	II
IP rating:	IP65
IK rating:	IK05
Approval marks:	CE

Mounting

Mounting method (accessories possibly needed):	Pole-top mounting

Mounting

Operating position:	downwards radiation
Wind-exposed surface:	0.09 m²
Special features:	3/4" external thread

Housing

Housing material:	Aluminium
Varnished:	Yes
Colour:	grey, DB 702

Cover

Cover type / material:	Diffuser (PMMA)
Cover characteristic:	pearled
Closure:	screwed (Stainless steel V4A)

Dimension/Weight

Width / Diameter:	670.00 mm
Height:	346.00 mm
Net weight:	4.60 kg

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Optional accessories / spare parts

Item no.	Item name	Item description
56510 0001	ABD 565 G2 P PMMA	cover PMMA clear-perled
90113 0026	HA 16/L50 WH SCR	Shielding on the house side, plastic (PC), white with screw fastening, for item name 16... and L50...
90113 0033	HA 16/L50 WH BC	Shielding on the house side, plastic (PC), with mounting clip, for item name 16... and L50...
90113 0028	HA 32/L100 WH SCR	Shielding on the house side, plastic (PC), white with screw fastening, for item name 32... and L100...
90113 0035	HA 32/L100 WH BC	Shielding on the house side, plastic (PC), with mounting clip, for item name 32... and L100...
61999 0001	MAU 619/1	
72299 0001	MAU 722/1	
90549 0001	ESSB HSM	Inrush current limiter for top-hat rail mounting
90543 0001	LASC DONGLE USB + SOFT + LIZ	LIMAS Air SYNC USB dongle with software and license
90546 9027	RFL LASC DS GPS	RFL LIMAS Air SYNC lighting management controller (2.4 GHz mesh network) with light sensor and GPS antenna
90546 9010	RFL LASC DS GPS SIM	RFL LIMAS Air SYNC lighting management controller (2.4 GHz mesh network) with light sensor, GPS antenna and eSIM
90546 9011	RFL LASC BM RAD8	RFL LIMAS Air SYNC lighting management controller (2.4 GHz mesh network) with radar motion sensor (luminaire mounting height: max. 8.0 m)
90546 9012	RFL LASC BM RAD10 MA MK2	RFL LIMAS Air SYNC lighting management controller (2.4 GHz mesh network) with radar motion sensor (maximum installation height: 10.0 m) for pole mounting with 2.0 m cable
90546 9004	RFL BM/DS IR8	RFL motion sensor with light sensor, infrared (luminaire mounting height: max. 8.0 m)
90546 9018	RFL BM/DS IR12	RFL motion sensor with light sensor, infrared (luminaire mounting height: max. 12.0 m)
90546 9000	RFL DS20	RFL control unit with light sensor, standalone, 20 lx
99100 0040	AKB 4,0m H07RN-F 3G1,5	Connection cable 4,0 m H07RN-F 3x1,5mm², connected to the above mentioned luminaire
99100 0041	AKB 4,5m H07RN-F 3G1,5	Connection cable 4,5 m H07RN-F 3x1,5mm², connected to the above mentioned luminaire
99100 0042	AKB 5,0m H07RN-F 3G1,5	Connection cable 5,0 m H07RN-F 3x1,5mm², connected to the above mentioned luminaire
99100 0044	AKB 6,0m H07RN-F 3G1,5	Connection cable 6,0 m H07RN-F 3x1,5mm², connected to the above mentioned luminaire

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99100 0046	AKB 7,0m H07RN-F 3G1,5	Connection cable 7,0 m H07RN-F 3x1,5mm², connected to the above mentioned luminaire
99100 0048	AKB 8,0m H07RN-F 3G1,5	Connection cable 8,0 m H07RN-F 3x1,5mm², connected to the above mentioned luminaire
99100 0050	AKB 9,0m H07RN-F 3G1,5	Connection cable 9,0 m H07RN-F 3x1,5mm², connected to the above mentioned luminaire
99100 0052	AKB 10,0m H07RN-F 3G1,5	Connection cable 10,0 m H07RN-F 3x1,5mm², connected to the above mentioned luminaire
99100 0056	AKB 12,0m H07RN-F 3G1,5	Connection cable 12,0 m H07RN-F 3x1,5mm², connected to the above mentioned luminaire
99100 0074	AKB 5,0m H07RN-F 4G1,5	Connection cable 5,0 m H07RN-F 4x1,5mm², connected to the above mentioned luminaire
99100 0076	AKB 6,0m H07RN-F 4G1,5	Connection cable 6,0 m H07RN-F 4x1,5mm², connected to the above mentioned luminaire
99100 0078	AKB 7,0m H07RN-F 4G1,5	Connection cable 7,0 m H07RN-F 4x1,5mm², connected to the above mentioned luminaire
99100 0080	AKB 8,0m H07RN-F 4G1,5	Connection cable 8,0 m H07RN-F 4x1,5mm², connected to the above mentioned luminaire
99100 0082	AKB 9,0m H07RN-F 4G1,5	Connection cable 9,0 m H07RN-F 4x1,5mm², connected to the above mentioned luminaire
99100 0084	AKB 10,0m H07RN-F 4G1,5	Connection cable 10,0 m H07RN-F 4x1,5mm², connected to the above mentioned luminaire
99100 0088	AKB 12,0m H07RN-F 4G1,5	Connection cable 12,0 m H07RN-F 4x1,5mm², connected to the above mentioned luminaire