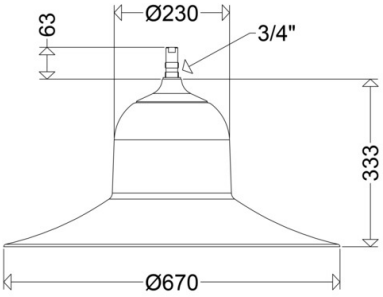
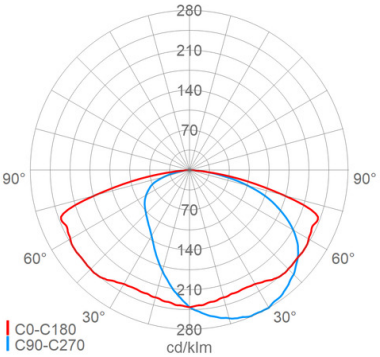
LED pendant light fitting

BELLA
565 L100 G2 VARIO
[Item no. : 56501 0002]







General product description

LED pendant light fitting BELLA with variably adjustable luminous flux, 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".

General product benefits

- reduction of type diversity due to variably adjustable luminous flux
- simple, fast and toolless setting of the luminous flux on-site by means of integrated DIP switch, adjustable at any time
- high flexibility due to variable luminous flux setting
- highly economical stocking
- 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:	4041254391878

Key technical data

Light source:	LED
LED module standard:	Zhaga
Exchangeability:	light source and control gear replaceable by qualified person
Connected load:	16 W, 70 W
Luminaire luminous flux:	2760 lm, 11150 lm
Luminous efficacy:	173 lm/W, 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
Special features:	variable and almost stepless adjustable luminous flux (Attention: only min, max values listed above)

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:	12
CB B10/B13/B20:	8/10/16
CB C10/C13/C16/C20:	12/16/20/24

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:	0.11 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:	333.00 mm
Net weight:	4.50 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...
90549 0001	ESSB HSM	Inrush current limiter for top-hat rail mounting
61999 0001	MAU 619/1	
72299 0001	MAU 722/1	
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
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

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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