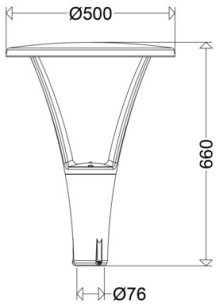
LED pole-top light fitting

KONIC
544 L50 G2 VARIO
[Item no. : 54405 0002]



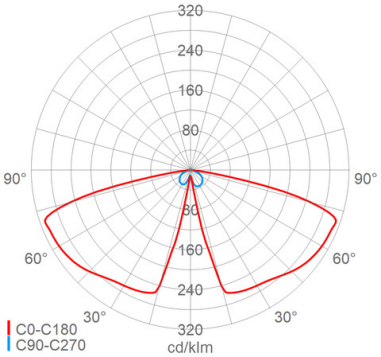


General product description

LED pole-top light fitting KONIC with variably adjustable luminous flux, consisting of powder-coated die-cast aluminium housing, three-part. Lower part with cable entry, ECG, isolating plug connection and strain relief. Upper part with LED modules, optics and flat safety glass. Braces with cable feed-through. Zhaga LED modules with highly efficient optics, direct beam, Multi-Layer Technology. ECG with high surge protection, overload and short circuit protection. Mounting on straight poles Ø 76mm (see "Optional accessories" for poles Ø 60mm).

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
- highly economical stocking
- long-lasting, corrosion-resistant die-cast aluminium housing with smooth surface without cooling fins
- perfect thermal management due to direct connection of the LED modules to the roof, large cooling surface, excellent thermal conductivity
- 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
- removable upper part of the housing and terminal block with isolating plug connection allows comfortable, time- and cost-saving mounting.
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- BlackEdition, ULOR=0%
- interchangeable components
- future proof by using standardised Zhaga LED modules



Applications

- residential areas, residential and by-roads, traffic-calmed zones, walkways and cycle lanes etc.

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Technical data

General

EAN/GTIN:	4041254407104

Key technical data

Light source:	LED
LED module standard:	Zhaga
Exchangeability:	light source and control gear replaceable by qualified person
Connected load:	9 W, 35 W
Luminaire luminous flux:	1250 lm, 5180 lm
Luminous efficacy:	139 lm/W, 148 lm/W
Colour temperature:	4000 K
Colour rendering (CRI):	≥ 70
Light colour:	740
Admissible ambient temperature T_a:	-40 °C to +50 °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
Light emission:	ULOR=0%

Service life

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

Electrical connection

Rated voltage:	220 - 240 V, 50/60 Hz
Terminal clamp:	Plug, Screw terminal, 3-polig, 0,75 - 2,5 mm²
Max. no. with circuit breaker B16:	23
CB B10/B13/B20:	15/19/29
CB C10/C13/C16/C20:	23/31/39/47
Cable entries:	blanking plug (1x), Plastic, 10 - 14 mm

Features/Certificates

Protection class:	II
IP rating:	IP65
IK rating:	IK06
Approval marks:	CE

Mounting

Mounting method (accessories possibly needed):	Pole-top mounting
Operating position:	downwards radiation
Pole-top mounting:	Ø 76mm
Wind-exposed surface:	0.07 m²

Housing

Housing material:	Die-cast aluminium
Varnished:	Yes
Colour:	grey, DB 702

Cover

Cover type / material:	Pane (Safety glass)
Cover characteristic:	clear
Closure:	screwed (Stainless steel V2A)

Other features

Pressure compensation system:	Yes
Special features:	ULOR=0%

Dimension/Weight

Width / Diameter:	500.00 mm
Height:	660.00 mm
Net weight:	9.60 kg

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Optional accessories / spare parts

Item no.	Item name	Item description
54410 0001	ABD 544 G2 ESGW	safety glass pane clear
90113 0002	HA 08/L25	Shielding on the house side , plastic (PC) for item name 08... and L25...
90113 0003	HA 16/L50	Shielding on the house side , plastic (PC) for item name 16... and L50...
90113 0004	HA 24/L75	Shielding on the house side , plastic (PC) for item name 24... and L75...
90113 0005	HA 32/L100	Shielding on the house side , plastic (PC) for item name 32... and L100...
62599 0001	MAU 625/1	pole-top bracket for 1 light fitting ø=60mm
62599 0002	MAU 625/2	pole-top bracket for 2 light fittings ø=60mm
62599 0003	MAU 625/3	pole-top bracket for 3 light fittings ø=60mm
62599 0004	MAU 625/4	pole-top bracket for 4 light fittings ø=60mm
90044 0001	RZ 1 GY	reducer ø76 -> 60mm