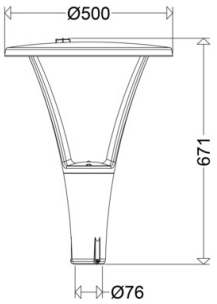
LED pole-top light fitting

# KONIC
# 544 0803R G2 RFLO
**[ Item no. : 54406 0007 ]**



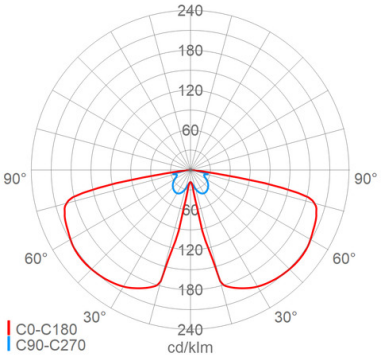
### General product description

LED pole-top light fitting KONIC, 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). 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
- 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.
-
- BlackEdition, ULOR=0%
- interchangeable components
- future proof by using standardised Zhaga LED modules




### Applications

- promenades, public parks, pedestrian areas, public places etc.

# KONIC
# 544 0803R G2 RFLO
## [ Item no. : 54406 0007 ]

### Technical data

**General**

| | |
|---|---|
| EAN/GTIN: | 4041254407296 |

**Key technical data**

| | |
|---|---|
| Light source: | LED |
| LED module standard: | Zhaga |
| Exchangeability: | light source and control gear replaceable by qualified person |
| Connected load: | 18 W |
| Luminaire luminous flux: | 2680 lm |
| Luminous efficacy: | 149 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 |

**Lighting control**

| | |
|---|---|
| Light management system: | Ready for Light Management Systems (RFL) |
| RFL socket: | socket on the top (RFLO) |

**Lighting technology**

| | |
|---|---|
| Optical system: | Lens optics |
| Optical system material: | PMMA |
| Light distribution: | rotationally symmetrical 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: | 671.00 mm |
| Net weight: | 9.50 kg |

# KONIC
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**[ Item no. : 54406 0007 ]**

**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 |
| 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 9000 | RFL DS20 | RFL control unit with light sensor, standalone, 20 lx |