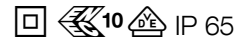


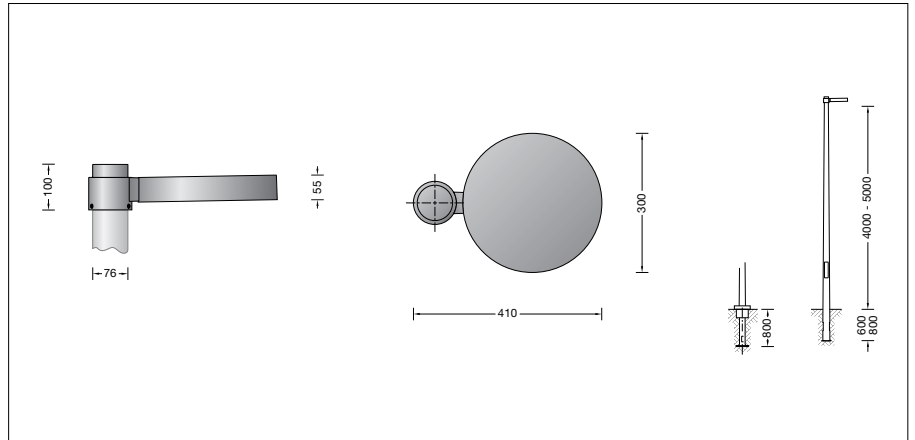
**BEGA****99 401**

Pole top luminaire



Project · Reference number

Date



## Product data sheet

**Application**

LED pole-top luminaire with symmetrical light distribution.

For mounting heights 4000 - 5000 mm.

**Product description**

Luminaire made of aluminium alloy, aluminium and stainless steel  
 BEGA Unidure® coating technology  
 Safety glass with optical structure  
 Silicone gasket  
 Reflector made of pure anodised aluminium  
 For pole top  $\varnothing$  76 mm  
 Slip fitter insert depth 50 mm  
 Connecting cable ÖLFLEX 4 x 1 □  
 Cable length 5 m  
 LED power supply unit  
 220-240 V  $\sim$  0/50-60 Hz  
 DC 176-276 V  
 DALI controllable  
 A basic isolation exists between power cable and control line  
 BEGA Thermal Control®  
 Temporary thermal regulation to protect temperature-sensitive components without switching off the luminaire  
 Safety class II   
 Protection class IP 65  
 Dust-tight and protection against water jets  
 Impact strength IK08  
 Protection against mechanical impacts < 5 joule  
 – Safety mark  
 – Conformity mark  
 Horizontal wind catching area: 0.03 m<sup>2</sup>  
 Weight: 4.0 kg

**Lamp**

Module connected wattage 16 W  
 Luminaire connected wattage 18.5 W  
 Rated temperature  $t_a = 25 \text{ }^\circ\text{C}$   
 Ambient temperature  $t_{a \text{ max}} = 50 \text{ }^\circ\text{C}$

**99 401 K4**

Module designation 4x LED-0299/840  
 Colour temperature 4000 K  
 Colour rendering index CRI > 80  
 Module luminous flux 2260 lm  
 Luminaire luminous flux 1867 lm  
 Luminaire luminous efficiency 100,9 lm/W

**99 401 K3**

Module designation 4x LED-0299/830  
 Colour temperature 3000 K  
 Colour rendering index CRI > 80  
 Module luminous flux 2260 lm  
 Luminaire luminous flux 1867 lm  
 Luminaire luminous efficiency 100,9 lm/W

**Service life · Ambient temperature**

Rated temperature  $t_a = 25 \text{ }^\circ\text{C}$   
 LED psu: > 50,000 h  
 LED module: > 200,000 h (L 80 B 50)  
 100,000 h (L 90 B 50)

Ambient temperature  $t_{a \text{ max}} = 50 \text{ }^\circ\text{C}$  (100 %)

LED psu: 50,000 h  
 LED module: 117,000 h (L 80 B 50)

**Light technique**

Luminaire data for the light planning program DIALux for outdoor lighting, street lighting and indoor lighting as well as luminaire data in EULUMDAT- and IES-format you will find on the BEGA web page [www.bega.com](http://www.bega.com).

**Inrush current**

Inrush current: 12 A / 24.2  $\mu\text{s}$   
 Maximum number of luminaires of this type per miniature circuit breaker:

B 10A: 50 luminaires  
 B 16A: 50 luminaires  
 C 10A: 50 luminaires  
 C 16A: 50 luminaires

**Article No. 99 401**

LED colour temperature optionally 4000 K or 3000 K

4000 K – Article number + **K4**  
 3000 K – Article number + **K3**

Colour graphite or silver  
 graphite – article number  
 silver – article number + **A**

**Accessories**

For this luminaire we recommend the following BEGA luminaire poles:

Tapered aluminium poles, lacquered with access door and C-clamp

<b>70 914</b>	Pole with anch.section	H 4000 mm
<b>70 725</b>	Pole with anch.section	H 4500 mm
<b>70 915</b>	Pole with anch.section	H 5000 mm
<b>70 791</b>	Pole with baseplate	H 4000 mm
<b>70 792</b>	Pole with baseplate	H 4500 mm
<b>70 794</b>	Pole with baseplate	H 5000 mm

Cylindrically stepped aluminium poles, lacquered with door und C rail

<b>70 901</b>	Pole with anch.section	H 4000 mm
<b>70 903</b>	Pole with anch.section	H 5000 mm
<b>70 900</b>	Pole with baseplate	H 4000 mm
<b>70 902</b>	Pole with baseplate	H 5000 mm

For suitable connection boxes please see the instructions for use of the luminaire poles.

**Light distribution**