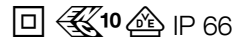


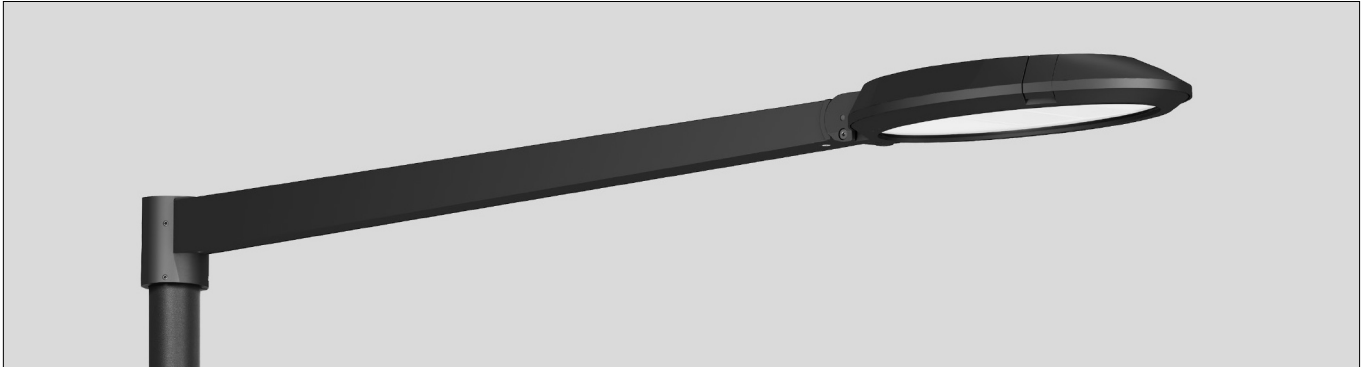
**BEGA****77 950**

Pole top luminaire



Project · Reference number

Date



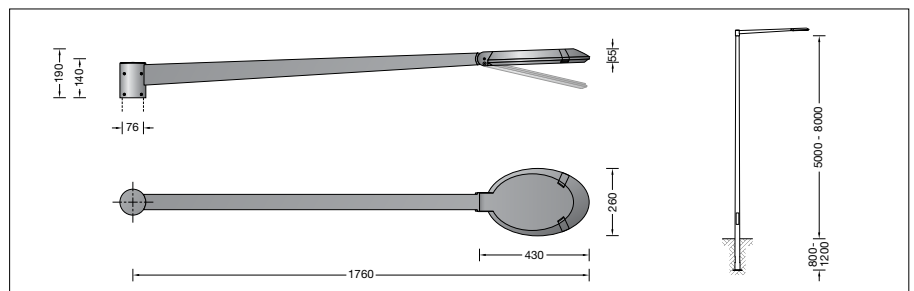
## Product data sheet

### Application

LED pole top luminaire with outrigger arm. The asymmetrical and flat beam light distribution is suitable especially for the illumination of streets according to DIN EN 13201. For mounting heights 5000 - 8000 mm.

### Product description

Luminaire made of aluminium alloy, aluminium and stainless steel  
 Safety glass, antireflection-coated  
 Silicone gasket  
 Reflector made of pure anodised aluminium  
 Toolless closure  
 For pole top  $\varnothing$  76 mm  
 Slip fitter insert depth 90 mm  
 Connecting cable X05BQ-F 4 x 1  $\square$   
 Cable length 8 m  
 LED power supply unit  
 220-240 V  $\sim$  0/50-60 Hz  
 DC 176-264 V  
 During DC operation the LED power is reduced to 50 %  
 DALI controllable  
 A basic isolation exists between power cable and control line  
 Safety class II  $\square$   
 Protection class IP 66  
 Dust-tight and protection against strong water jets  
 Impact strength IK08  
 Protection against mechanical impacts < 5 joule  
 – Safety mark  
 – Conformity mark  
 Horizontal wind catching area: 0.11 m<sup>2</sup>  
 Weight: 9.3 kg



### Lamp

Module connected wattage	31 W
Luminaire connected wattage	34.5 W
Rated temperature	$t_a = 25 \text{ }^\circ\text{C}$
Ambient temperature	$t_{a \text{ max}} = 45 \text{ }^\circ\text{C}$

On request we can offer you modifications for environments with higher temperatures as a customized product.

### 77 950 K4

Module designation	2x LED-0411/840
Colour temperature	4000 K
Colour rendering index	CRI > 80
Module luminous flux	6190 lm
Luminaire luminous flux	4784 lm
Luminaire luminous efficiency	138,7 lm/W

### 77 950 K3

Module designation	2x LED-0411/830
Colour temperature	3000 K
Colour rendering index	CRI > 80
Module luminous flux	6010 lm
Luminaire luminous flux	4645 lm
Luminaire luminous efficiency	134,6 lm/W

### Service life of the LED

Ambient temperature  $t_a = 25 \text{ }^\circ\text{C}$   
 – at > 500,000 h: L70 B50

max. ambient temperature  $t_a = 45 \text{ }^\circ\text{C}$   
 – at 275,000 h: L70 B50

### Inrush current

Inrush current: 5 A / 100  $\mu\text{s}$   
 Maximum number of luminaires of this type per miniature circuit breaker:  
 B 10A: 27 luminaires  
 B 16A: 44 luminaires  
 C 10A: 27 luminaires  
 C 16A: 44 luminaires

### 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).

### Article No. 77 950

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 steel poles without visible welding seam - hot-dip galvanised and lacquered with access door and C-clamp

<b>70 886</b>	Pole with anch.section	H 5000 mm
<b>70 834</b>	Pole with anch.section	H 6000 mm
<b>70 835</b>	Pole with anch.section	H 7000 mm
<b>70 836</b>	Pole with anch.section	H 8000 mm

Tapered steel luminaire poles longitudinally seam-welded · hot-dip galvanised and lacquered with access door and C rail

<b>71 002</b>	Pole with anch.section	H 6000 mm
<b>71 004</b>	Pole with anch.section	H 7000 mm
<b>71 006</b>	Pole with anch.section	H 8000 mm

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

### Light distribution

