

**BEGA**

**77 855**

Side-mounted pole luminaire



Project · Reference number

Date

**Product data sheet**

**Application**

LED side-mounted pole luminaire with asymmetrical flat beam light distribution for bracket poles.  
The asymmetrical and flat beam light distribution is suitable especially for the illumination of streets according to DIN EN 13201.

**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  
Adjustable joint for beam direction 0° or 15°  
For connecting nozzle ø 42 mm  
Slip fitter insert depth 110 mm  
Connecting cable X05BQ-F 4 x 1<sup>□</sup>  
Cable length 10 m  
LED power supply unit  
220-240 V ~ 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   
Protection class IP 66  
Dust-tight and protection against strong water jets  
Impact strength IK08  
Protection against mechanical impacts < 5 joule  
 – Safety mark  
**CE** – Conformity mark  
Horizontal wind catching area: 0.03 m<sup>2</sup>  
Weight: 4.6 kg



**Lamp**

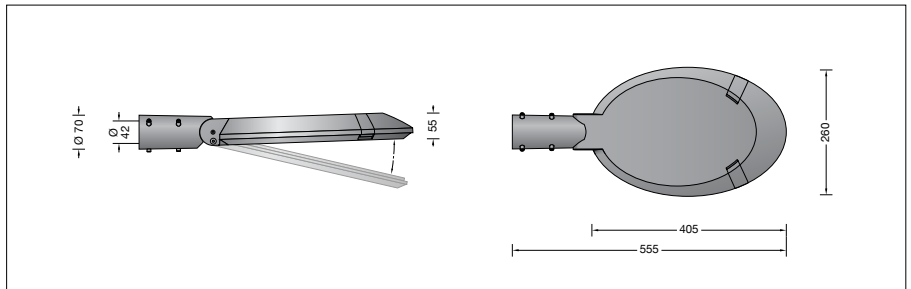
Module connected wattage 23.2 W  
Luminaire connected wattage 25.8 W  
Rated temperature  $t_a = 25\text{ °C}$   
Ambient temperature  $t_{a,max} = 55\text{ °C}$

**77 855 K4**

Module designation 2x LED-0414/840  
Colour temperature 4000 K  
Colour rendering index CRI > 80  
Module luminous flux 4640 lm  
Luminaire luminous flux 3864 lm  
Luminaire luminous efficiency 149,8 lm/W

**77 855 K3**

Module designation 2x LED-0414/830  
Colour temperature 3000 K  
Colour rendering index CRI > 80  
Module luminous flux 4510 lm  
Luminaire luminous flux 3756 lm  
Luminaire luminous efficiency 145,6 lm/W



**Service life of the LED**

Ambient temperature  $t_a = 25\text{ °C}$   
– at > 500,000h: L70B50

max. ambient temperature  $t_a = 55\text{ °C}$   
– at 163,000h: L70B50

**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: 5 A / 100  $\mu$ s  
Maximum number of luminaires of this type per miniature circuit breaker:  
B10A: 27 luminaires  
B16A: 44 luminaires  
C10A: 27 luminaires  
C16A: 44 luminaires

**Article No. 77 855**

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**

**Light distribution**

