

**BEGA****77 156**

Façade floodlight

IP 65

Project · Reference number

Date

**Product data sheet****Application**

LED façade floodlights with asymmetrical light distribution.

The attack angle of the luminaires is adjustable in 2° steps from -8° to 8°.

The luminaires can be installed side by side to form a continuous light strip. Simple 5-pole plug-in connectors are used for the electrical connection to the next luminaire.

**Product description**

Floodlight made of aluminium alloy, aluminium and stainless steel

Clear safety glass

Silicone gasket

Reflector made of pure anodised aluminium

Attack angle adjustable in 2° steps from -8° to 8°

2 fixing holes  $\varnothing$  7 mm

395 mm spacing

0,5 m cable with 5-pole plug-in connector

LED power supply unit

220-240 V  $\sim$  0/50-60 Hz

DC 176-280 V

DALI controllable

A basic isolation exists between power cable and control line

Safety class I

Protection class IP 65

Dust-tight and protection against water jets

Impact strength IK06

Protection against mechanical impacts < 1 joule

CE – Conformity mark

Weight: 3.0 kg

**Inrush current**

Inrush current: 5 A / 50  $\mu$ s

Maximum number of luminaires of this type per miniature circuit breaker:

B 10A: 31 luminaires

B 16A: 50 luminaires

C 10A: 52 luminaires

C 16A: 85 luminaires

**Lamp**

Module connected wattage 16.8 W

Luminaire connected wattage 19.5 W

Rated temperature  $t_a = 25$  °C

Ambient temperature  $t_{a,max} = 40$  °C

**77 156**

Module designation LED-0612/840

Colour temperature 4000 K

Colour rendering index  $R_a > 80$

Module luminous flux 2475 lm

Luminaire luminous flux 1019 lm

Luminaire luminous efficiency 52,3 lm/W

**77 156 K3**

Module designation LED-0612/830

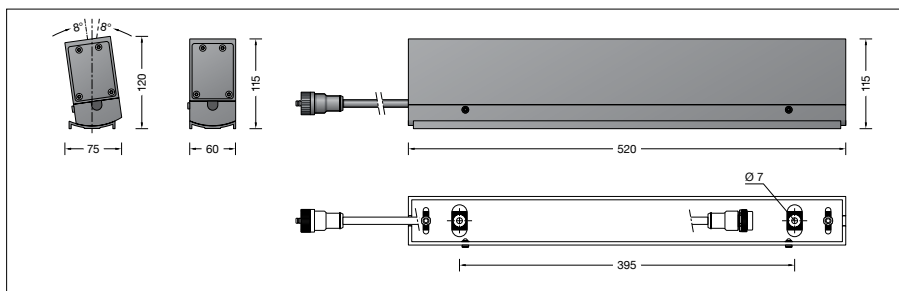
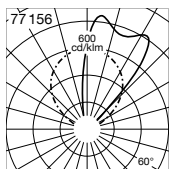
Colour temperature 3000 K

Colour rendering index  $R_a > 80$

Module luminous flux 2265 lm

Luminaire luminous flux 932 lm

Luminaire luminous efficiency 47,8 lm/W

**Light distribution****Lifetime of the LED**

Ambient temperature  $t_a = 15$  °C

– at 50,000 h: L 80 B 50

– at 98,000 h: L 70 B 50

Ambient temperature  $t_a = 25$  °C

– at 50,000 h: L 80 B 50

– at 83,000 h: L 70 B 50

max. ambient temperature  $t_a = 40$  °C

– at 50,000 h: L 70 B 50

– at 65,000 h: L 70 B 50

**Lighting technology**

Half beam angle 43/77°.

Luminaire data for the light planning program DIALux for outdoor lighting, street lighting and interior lighting as well as luminaire data in EULUMDAT and IES format are available on the BEGA website [www.bega.com](http://www.bega.com).

**Article No. 77 156**

Colour temperature 4000 K.

Also available with 3000 K on request.

4000 K – article number

3000 K – article number + **K3**

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

**Accessories**

**70 555** Connection housing

**71 037** Extension cable 2 m

**70 556** Extension cable 5 m

**70 557** Extension cable 10 m

**71 036** Wall outrigger arm

**71 064** Connection housing for wall outrigger arm

For the accessories a separate instructions for use can be provided upon request.