

**BEGA****84 379**

Façade floodlight

IP 65

Project · Reference number

Date

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

LED façade floodlights with asymmetrical light distribution and with adjustable LED colour temperature (Tunable White).

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.

The luminaire can be controlled by DALI colour light control (DT8, TW).

We recommend our BEGA Control system for this purpose.

**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 mounting holes  $\varnothing$  7 mm

Distance apart 395 mm

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

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 (Device Type 8 for Tunable White according to IEC 62386-209)

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: 3.1 kg

**Lamp**

Module connected wattage 12.8 W

Luminaire connected wattage 16 W

Rated temperature  $t_a = 25$  °C

Ambient temperature  $t_{a \max} = 60$  °C

Module designation LED-0928/8TW

Colour temperature adjust. 2700 - 6500 K

Colour rendering index  $R_a > 80$

Module luminous flux 2250 lm

Luminaire luminous flux 985 lm

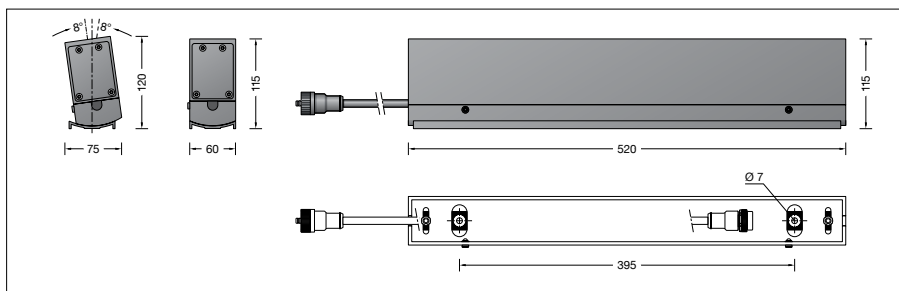
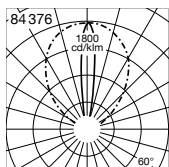
Luminaire luminous efficiency 61,6 lm/W

**Setting the colour temperature**

The LED colour temperature of the luminaire can be set from 2700 to 6500 K ("Tunable White").

Please note: To be able to set the LED colour temperature, the controller used must support DALI Device Type 8.

If no LED colour temperature setting is made, 4000 K will be used by default.

**Light distribution****Service life of the LED**

Ambient temperature  $t_a = 25$  °C

– at > 500,000h: L70B50

max. ambient temperature  $t_a = 60$  °C

– at 66,000h: L70B50

**Lighting technology**

Asymmetrical light distribution

Half beam angle 43/77°

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 are available on the

BEGA website at [www.bega.com](http://www.bega.com).

**Article No. 84 379**

Colour graphite or silver

graphite – article number

silver – article number + A

**Accessories**

**70 555** Connection housing

**71 037** Connection cable 2 m

**70 556** Connection cable 5 m

**70 557** Connection 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.