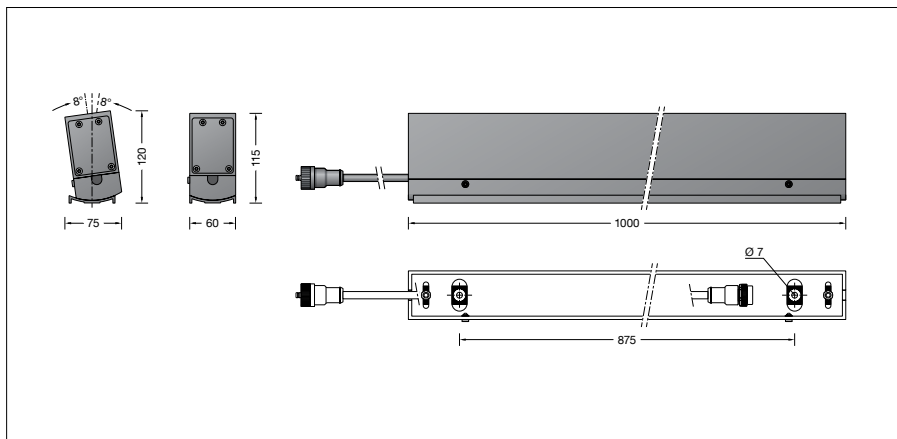# BEGA

84 376

Façade floodlight

IP 65

Project · Reference number	Date

Product data sheet

Application
LED facade floodlights with symmetrical 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 (DT 8, 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 ø 7 mm
Distance apart 875 mm
0,5 m cable with 5-pole plug-in connector
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 (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
$C\epsilon$ – Conformity mark
Weight: 5.5 kg

Lamp
Module connected wattage	25.6 W
Luminaire connected wattage	30 W
Rated temperature	$t_a = 25$ °C
Ambient temperature	$t_{a\,max} = 55$ °C
Module designation	2x LED-0928/8TW
Colour temperature	adjust. 2700 - 6500 K
Colour rendering index	$R_a > 80$
Module luminous flux	4500 lm
Luminaire luminous flux	2766 lm
Luminaire luminous efficiency	92,2 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.

Service life of the LED
Ambient temperature $t_a = 25$ °C
– at > 500,000 h: L70 B50

max. ambient temperature $t_a = 55$ °C
– at   92,000 h: L70 B50

Lighting technology
Symmetrical narrow beam light distribution.
Half beam angle 14/89°
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.

Article No. 84 376
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.

Light distribution