

BEGA**77 155**

Façade floodlight

IP 65

Project · Reference number

Date

Product data sheet

Application

LED facade floodlights with symmetrical 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 mounting holes \varnothing 7 mm
Distance apart 875 mm
0,5 m cable with 5-pole plug-in connector
LED power supply unit
220-240 V \sim 0/50-60 Hz
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: 5.5 kg

Lighting technology

Symmetrical narrow beam light distribution.
Half beam angle 32/95°
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.

Lamp

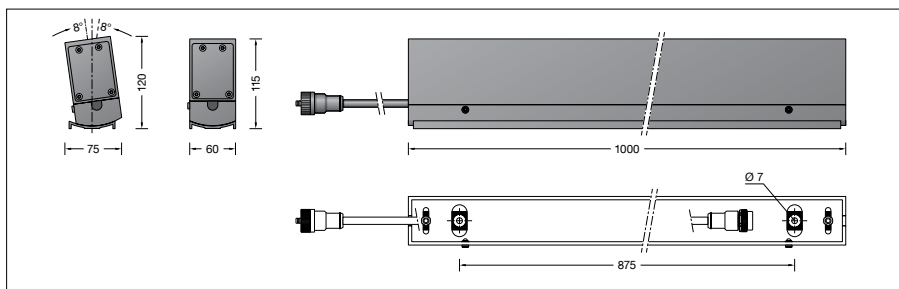
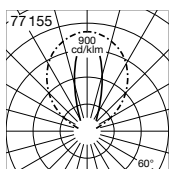
Module connected wattage	25.2 W
Luminaire connected wattage	28 W
Rated temperature	$t_a = 25^\circ\text{C}$
Ambient temperature	$t_{a\text{max}} = 55^\circ\text{C}$

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Module designation	2x LED-0928/840
Colour temperature	4000 K
Colour rendering index	CRI > 80
Module luminous flux	5020 lm
Luminaire luminous flux	2412 lm
Luminaire luminous efficiency	86,1 lm/W

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Module designation	2x LED-0928/830
Colour temperature	3000 K
Colour rendering index	CRI > 80
Module luminous flux	4890 lm
Luminaire luminous flux	2350 lm
Luminaire luminous efficiency	83,9 lm/W

Light distribution**Service life · Ambient temperature**

Rated temperature $t_a = 25^\circ\text{C}$	
LED psu:	> 50,000 h
LED module:	> 200,000 h (L 80 B 50) 100,000 h (L 90 B 50)

Ambient temperature $t_{a\text{max}} = 55^\circ\text{C}$ (100 %)	
LED psu:	50,000 h
LED module:	80,000 h (L 80 B 50) 100,000 h (L 70 B 50)

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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

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.