

BEGA**77 152**

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 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 176-280 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 μ 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 W
Luminaire connected wattage	18.8 W
Rated temperature	$t_a = 25$ °C
Ambient temperature	$t_{a\max} = 40$ °C

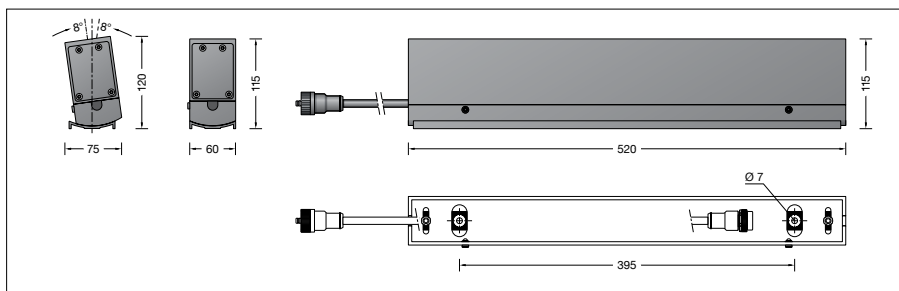
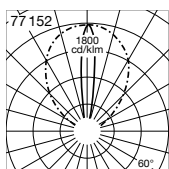
On request we can offer you modifications for environments with higher temperatures as a customized product.

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Module designation	LED-0612/840
Colour temperature	4000 K
Colour rendering index	CRI > 80
Module luminous flux	2475 lm
Luminaire luminous flux	1302 lm
Luminaire luminous efficiency	69,3 lm/W

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Module designation	LED-0612/830
Colour temperature	3000 K
Colour rendering index	CRI > 80
Module luminous flux	2265 lm
Luminaire luminous flux	1191 lm
Luminaire luminous efficiency	63,4 lm/W

Light distribution**Lifetime of the LED**

Ambient temperature $t_a = 15$ °C
– at 50,000h: L 80 B 50
– at 98,000h: L 70 B 50

Ambient temperature $t_a = 25$ °C
– at 50,000h: L 80 B 50
– at 83,000h: L 70 B 50

max. ambient temperature $t_a = 40$ °C
– at 50,000h: L 80 B 50
– at 65,000h: L 70 B 50

Lighting technology

Half beam angle 12/85°
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 our website www.bega.com.

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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	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.