

BEGA**77 607**

Compact floodlight

IP 65

Project · Reference number

Date

Product data sheet

Application

LED compact floodlight with mounting box for permanent installations on a wall, under a ceiling or on a pillar.

Product description

LED floodlight **without power supply unit**

Luminaire made of cast aluminium, aluminium and stainless steel
 BEGA Unidure® coating technology
 Clear safety glass
 Silicone gasket
 Reflector made of pure anodised aluminium
 Rotation range of floodlight 350°
 Swivel range -15°/+90°
 Mounting plate with 3 fixing holes \varnothing 5.3 mm
 Angle 120° · Pitch circle \varnothing 52 mm
 1 cable entry for connecting cable up to \varnothing 10,5 mm max. $2 \times 1,5^{\square}$
 Connecting terminal 2.5[□]
 Safety class III ⚡
 Protection class IP 65
 Dust-tight and protection against water jets
 Impact strength IK07
 Protection against mechanical impacts < 2 joule
CE – Conformity mark
 Weight: 0.9 kg

Lamp

Module connected wattage	7.9 W
Luminaire connected wattage	9.3 W
Rated temperature	$t_a = 25^{\circ}\text{C}$
Ambient temperature	$t_{a, \text{max}} = 55^{\circ}\text{C}$
Voltage	24 V = DC

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Module designation	LED-0733/840
Colour temperature	4000 K
Colour rendering index	CRI > 80
Module luminous flux	1185 lm
Luminaire luminous flux	921 lm
Luminaire luminous efficiency	99 lm/W

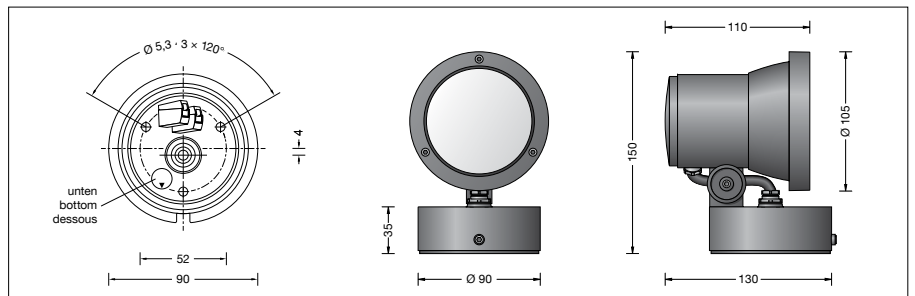
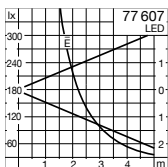
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Module designation	LED-0733/830
Colour temperature	3000 K
Colour rendering index	CRI > 80
Module luminous flux	1125 lm
Luminaire luminous flux	874 lm
Luminaire luminous efficiency	94 lm/W

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:	155,000 h (L 80 B 50)

Light distribution**Light technique**

Broad spread light distribution.
 Half beam angle 47°

By changing the diffuser lens it is possible to alter the symmetrical light distribution into a flat beam light distribution.

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. 77 607

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

70 755 Shield

70 050 Exchangeable lens flat beam

70 564 Power supply unit for 0- 15 W

70 465 Power supply unit for 0- 25 W

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