

BEGA**84 510**

Surface floodlight



Project · Reference number

Date

Product data sheet

Application

LED floodlight for flat beam light distribution.
Floodlight with mounting box for permanent installation on a wall, under a ceiling or on a pillar.

Product description

Luminaire made of aluminium alloy,
aluminium and stainless steel
Safety glass with optical structure
Silicone gasket
Reflector made of pure anodised aluminium
Rotation range of floodlight 350°
Swivel range -35°/+90°
Mounting box with 2 fixing holes
ø 4.5 mm · 67 mm spacing
2 cable entries for through-wiring of mains
supply cable ø 7-10.5 mm
Connecting terminal 2.5[□]
with plug connection
Earth conductor connection
LED power supply unit
220-240 V ~ 0/50-60 Hz
DC 170-280 V
Safety class I
Protection class IP 65
Dust-tight and protection against water jets
Impact strength IK07
Protection against mechanical
impacts < 2 joule
⚡₁₀ – Safety mark
CE – Conformity mark
Wind catching area: 0.022 m²
Weight: 1.5 kg

Inrush current

Inrush current: 27 A / 250 µs
Maximum number of luminaires of this
type per miniature circuit breaker:
B 10A: 17 luminaires
B 16A: 27 luminaires
C 10A: 28 luminaires
C 16A: 45 luminaires

Lamp

Module connected wattage	9.7 W
Luminaire connected wattage	11.9 W
Rated temperature	$t_a = 25\text{ °C}$
Ambient temperature	$t_{a\text{ max}} = 40\text{ °C}$

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

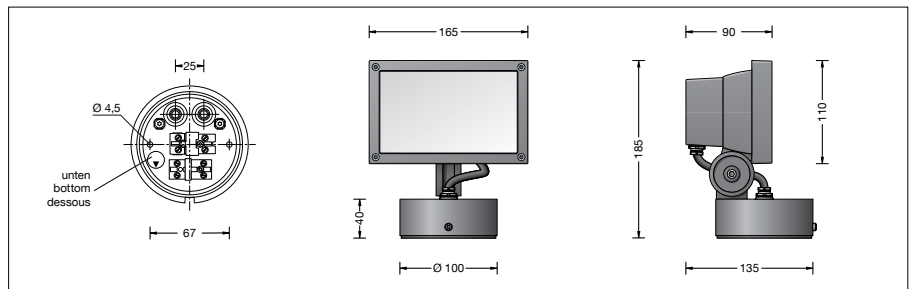
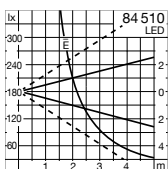
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Module designation	LED-0775/940
Colour temperature	4000 K
Colour rendering index	CRI > 90
Module luminous flux	1655 lm
Luminaire luminous flux	1061 lm
Luminaire luminous efficiency	89,2 lm/W

84 510 K3

Module designation	LED-0775/930
Colour temperature	3000 K
Colour rendering index	CRI > 90
Module luminous flux	1565 lm
Luminaire luminous flux	1020 lm
Luminaire luminous efficiency	85,7 lm/W

Light distribution



Service life · Ambient temperature

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

Ambient temperature $t_a = 40\text{ °C}$
LED psu: 50,000 h
LED module: 84,000 h (L 80 B 50)
100,000 h (L 70 B 50)

Lighting technology

Half beam angle 28/87°
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.

Article No. 84 510

LED colour temperature optionally 4000 K
or 3000 K
4000 K – Article number + **K4**
3000 K – Article number + **K3**

Colour optionally graphite, white or silver
Graphite – Article number
White – Article number + **W**
Silver – Article number + **A**

Accessories

70 500 Shield
The attachable shield screens the light upwards
or downwards.

A separate instructions for use can be provided
upon request.