

BEGA**84 256**

Surface floodlight

IP 65

Project · Reference number

Date

Product data sheet**Application**

LED wall mounted surface floodlight with asymmetrical light distribution for lighting wall-, ceiling- and ground surfaces.

Product description

Luminaire made of aluminium alloy, aluminium and stainless steel
 Safety glass
 Reflector made of pure anodised aluminium
 Swivel range $-30^{\circ}/+120^{\circ}$
 Rotation range surface floodlight 350°
 Mounting plate with 3 fixing holes $\varnothing 5.3$ mm
 Angle 120° · Pitch circle $\varnothing 52$ mm
 1 cable entry for mains supply cable up to $\varnothing 10,5$ mm max. $3 \times 1,5^{\square}$
 Connection terminal 2.5^{\square}
 Earth conductor connection
 LED power supply unit
 $220-240$ V \sim 0/50-60 Hz
 DC 176-280 V
 Safety class I
 Protection class IP 65
 Dust-tight and protection against water jets
 Impact strength IK07
 Protection against mechanical impacts < 2 joule
CE – Conformity mark
 Wind catching area: 0.039 m²
 Weight: 1.8 kg

Inrush current

Inrush current: 20 A / 80 μ s
 Maximum number of luminaires of this type per miniature circuit breaker:
 B10A: 35 luminaires
 B16A: 56 luminaires
 C10A: 58 luminaires
 C16A: 94 luminaires

Lamp

Module connected wattage 11.5 W
 Luminaire connected wattage 13.5 W
 Rated temperature $t_a = 25$ °C
 Ambient temperature $t_{a,max} = 45$ °C

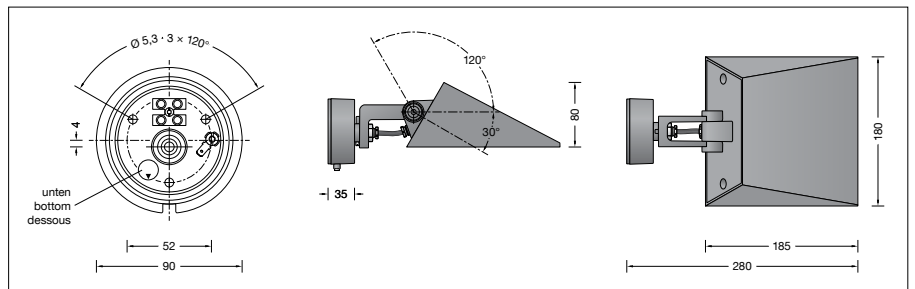
On request we can offer you modifications for environments with higher temperatures as a customized product.

84 256 K3

Module designation LED-0590/930
 Colour temperature 3000 K
 Colour rendering index CRI > 90
 Module luminous flux 1515 lm
 Luminaire luminous flux 1146 lm
 Luminaire luminous efficiency 84,9 lm/W

84 256 K4

Module designation LED-0590/940
 Colour temperature 4000 K
 Colour rendering index CRI > 90
 Module luminous flux 1570 lm
 Luminaire luminous flux 1188 lm
 Luminaire luminous efficiency 88 lm/W

**Service life · Ambient temperature**

Ambient temperature $t_a = 25$ °C
 LED psu: $> 50,000$ h
 LED module: $> 200,000$ h (L80B50)
 $100,000$ h (L90B50)

Ambient temperature $t_a = 45$ °C
 LED psu: $50,000$ h
 LED module: $98,000$ h (L80B50)
 $100,000$ h (L70B50)

Light technique

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 you will find on the BEGA web page www.bega.com.

Article No. 84 256

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

Colour graphite or silver
 graphite – article number
 silver – article number + **A**

Light distribution