

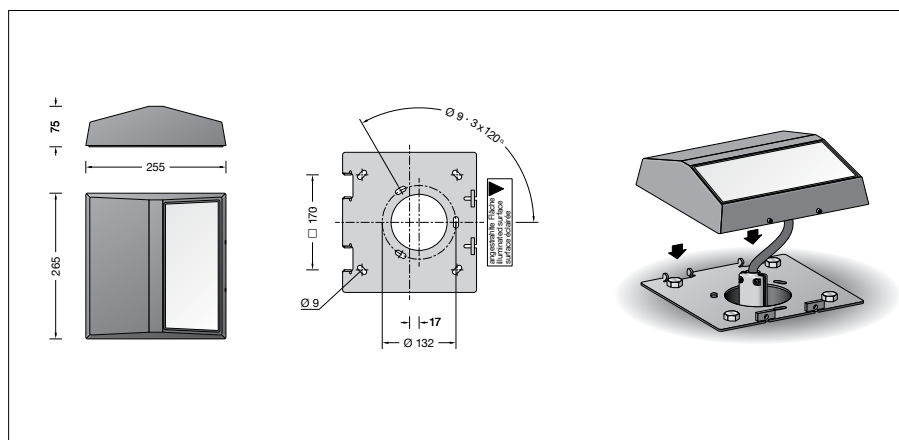
BEGA**84 174**

Surface-mounted floodlight



Project · Reference number

Date



Product data sheet

Product description

Luminaire made of aluminium alloy,
aluminium and stainless steel
BEGA Tricoat® coating technology
Matt safety glass
Luminaire with mounting plate for bolting onto a
foundation or onto a connecting housing
Mounting plate made of stainless steel
Steel grade number 1.4301
4 elongated fixing holes
Width 9mm · 170 x 170mm spacing
for bolting onto a foundation
3 elongated fixing holes
Width 9mm · pitch circle Ø 132mm
Reflector made of pure anodised aluminium
1,8m water-resistant connecting cable
07RN8-F 5G1[□] with implemented water
stopper and 1.2m PVC cable conduit
LED power supply unit
220-240 V ~ 0/50-60 Hz
DC 170-280 V
DALI controllable
A basic isolation exists between power cable
and control line
BEGA Thermal Control®
Temporary thermal regulation to protect
temperature-sensitive components without
switching off the luminaire
Safety class I
Protection class IP 67
Dust-tight and protection against temporary
immersion
Impact strength IK07
Protection against mechanical
impacts < 2 joule
Maximum surface temperature 30 °C
(measured according to EN 60598 of t_a 15 °C)
CE – Conformity mark
 – Safety mark
Weight: 5.2 kg
This product contains light sources of energy
efficiency classes C

Application

Surface-mounted luminaire · Wall washer
The design of this in-ground floodlight makes it
possible to fully illuminate a vertical surface, e.g.
a façade, from the ground to the lower edge of
the roof. The lower limit of the light distribution
is a straight line, without the usual "light cone".
For the various requirements at the installation
site, we offer a connection housing as a
accessory.
The luminaires can thus be installed on
unpaved surfaces.

Lamp

Module connected wattage	29.1 W
Luminaire connected wattage	33.2 W
Rated temperature	$t_a = 25$ °C
Ambient temperature	$t_{a \max} = 35$ °C

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

84 174 K4

Module designation	LED-0903/840
Colour temperature	4000 K
Colour rendering index	CRI > 80
Module luminous flux	5800 lm
Luminaire luminous flux	4201 lm
Luminaire luminous efficiency	126,5 lm/W

84 174 K3

Module designation	LED-0903/830
Colour temperature	3000 K
Colour rendering index	CRI > 80
Module luminous flux	5640 lm
Luminaire luminous flux	4085 lm
Luminaire luminous efficiency	123 lm/W

Service life · Ambient temperature

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

Ambient temperature max. $t_a = 35$ °C (100 %)	
LED psu:	50,000 h
LED module:	162,000 h (L 80 B 50)

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

Lighting technology

Luminaire data for the DIALux lighting design
program 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.

BEGA Tricoat®

BEGA Tricoat® is a protected trademark for
a technology that we use in order to achieve
optimal corrosion resistance. These carefully
coordinated inorganic and organic coating
processes applied to extremely resistant alloys
ensure the best possible surface protection and
outstanding corrosion resistance.

Article No. 84 174

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

Accessories

71 246 Connection housing
made of galvanised steel
Total length 225 mm

70 730 Distribution box

The distribution box is meant for installation in
the soil and allows a junction from the supply
cable to the luminaire and through-wiring to the
next luminaire.

After the electrical connection the distribution
box is filled up with gel and closed.

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