BEGA

Performance floodlight

85 164

〰10 ⌂ IP 65

Project · Reference number	Date

Ø 115 · 105 · 185 · +100° · -30° · G½
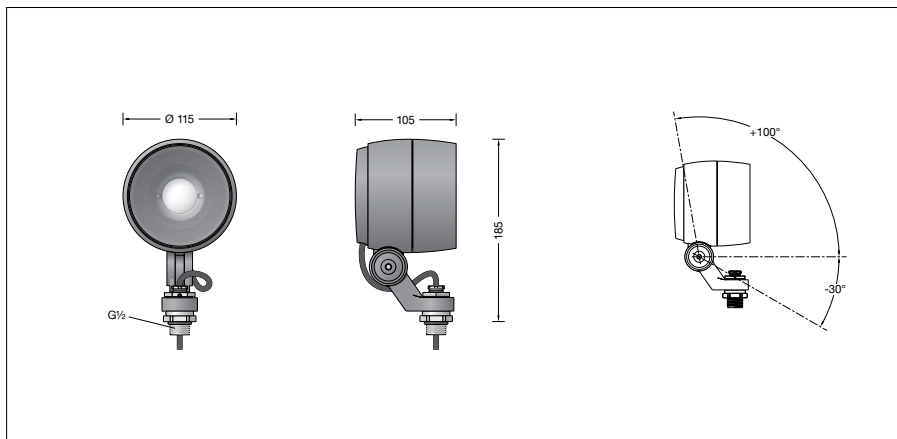
Product data sheet

Product description
Luminaire made of aluminium alloy,
aluminium and stainless steel
BEGA Unidure® coating technology
Colour graphite or silver
Matt safety glass
Silicone gasket
Optical lens is made of silicate glass
Rotation range of floodlight 350°
Swivel range -30°/+100°
Mounting bracket with G½ threaded connection
Thread length: 14 mm
Connecting cable X05BQ-F 5 G 1 mm²
Cable length 1 m
BEGA Ultimate Driver®
Complies with flicker requirements in
accordance with IEEE 1789,
DIN IEC/TR 63158, DIN IEC/TR 61547-1
LED power supply unit
220-240 V ⏦ 0/50-60 Hz
DC 176-280 V
DALI-controllable
Number of DALI addresses: 1
Basic insulation is provided between the mains
and control cables
BEGA Thermal Control®
Temporary thermal regulation to protect
temperature-sensitive components without
switching off the luminaire
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: 0.014 m²
Weight: 1.4 kg
This product contains light sources of energy
efficiency class(es) E, F

Application
Performance floodlight with focusable zoom
optics.
Half beam angle adjustable between 14° and
52° by turning the optical lens unit.
The floodlight can be screwed on by the customer
with any G½ female thread in accordance with
ISO 228 or with BEGA accessories.
For a variety of interior and exterior lighting
applications.

Lamp
Module connected wattage	10.8 W
Luminaire connected wattage	12.5 W
Rated temperature	$t_a = 25$ °C
Ambient temperature	$t_{a\,max} = 45$ °C

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

85 164 K3
Module designation	LED-1661/930
Colour temperature	3000 K
Colour rendering index	CRI > 90
Module luminous flux	1270 lm
Luminaire luminous flux	797 lm
Luminaire luminous efficiency	63,8 lm/W

85 164 K4
Module designation	LED-1661/940
Colour temperature	4000 K
Colour rendering index	CRI > 90
Module luminous flux	1345 lm
Luminaire luminous flux	844 lm
Luminaire luminous efficiency	67,5 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)

Ambient temperature max. $t_a = 45$ °C (100 %)
LED psu:	50,000 h
LED module:	120,000 h (L 80 B 50)

Accessories
71 289	Optical filter flat beam
71 331	Shield
71 336	Cylindrical shield
70 214	Pole cap for pole ø 48 mm
70 248	Pole cap for pole ø 60 mm
70 245	Mounting box
70 252	General fastener
70 280	Tube clamp G½
70 283	Screw clamp
70 379	Cross beam G½
70 889	Tension belt

Article No. 85 164
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