BEGA

84 526

Performance floodlight

⚡10 ⬦ IP 65

Project · Reference number	Date

Ø 175 · 100 · 245 · G½ · 10
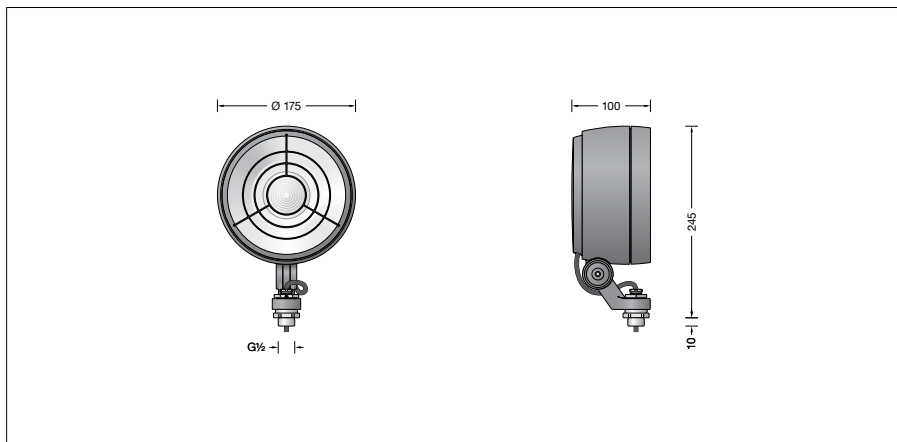
Product data sheet

Application
LED performance floodlight with G½ mounting bush in compact design.
The floodlight can be bolted together with any female thread G½ according to ISO 228 supplied by others or to BEGA accessories.
For a variety of interior and exterior lighting applications.

Product description
Luminaire made of aluminium alloy, aluminium and stainless steel
Clear safety glass
Silicone gasket
Reflector surface made of pure aluminium
Optical silicone lens
Inside louvre
made of glass-fibre reinforced polyamide
Rotation range of floodlight 350°
Swivel range -30°/+140°
Mounting bracket with G½ threaded connection
Thread length: 10 mm
Connecting cable X05BQ-F 5 G 1 □
Cable length 1 m
LED power supply unit
220-240 V ∼ 0/50-60 Hz
DC 176-264 V
During DC operation the LED power
is reduced to 50 %
DALI controllable
A basic isolation exists between power cable and control line
Safety class I
Protection class IP 65
Dust-tight and protection against water jets
Impact strength IK09
Protection against mechanical
impacts < 10 joule
⚡10 ⬦ – Safety mark
CE – Conformity mark
Wind catching area: 0.025 m²
Weight: 2.4 kg

Lamp
Module connected wattage	38.1 W
Luminaire connected wattage	42.5 W
Rated temperature	t_a = 25 °C
Ambient temperature	$t_{a\,max}$ = 25 °C

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

84 526 K4
Module designation	LED-0779/940
Colour temperature	4000 K
Colour rendering index	CRI > 90
Module luminous flux	4760 lm
Luminaire luminous flux	2044 lm
Luminaire luminous efficiency	48,1 lm/W

84 526 K3
Module designation	LED-0779/930
Colour temperature	3000 K
Colour rendering index	CRI > 90
Module luminous flux	4565 lm
Luminaire luminous flux	1960 lm
Luminaire luminous efficiency	46,1 lm/W

Service life of the LED
max. ambient temperature t_a = 25 °C
– at   170,000 h: L70 B50

Inrush current
Inrush current: 5 A / 100 µs
Maximum number of luminaires of this type per miniature circuit breaker:
B 10 A:	27 luminaires
B 16 A:	44 luminaires
C 10 A:	27 luminaires
C 16 A:	44 luminaires

Light technique
Floodlight with narrow beam rotationally symmetrical light distribution with integrated louvre for stray light suppression.
Half beam angle 10°
For special lighting tasks the symmectrical light cone can be changed to a flat beam light distribution by an additional the diffuser lens.
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. 84 526
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
71 113	Exchangeable lens flat beam
71 111	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	Tree screw
70 280	Tube clamp G½
70 283	Screw clamp
70 379	Outrigger arm G½
70 889	Tension belt
71 042	Adapter for mounting on a pole

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

Light distribution