

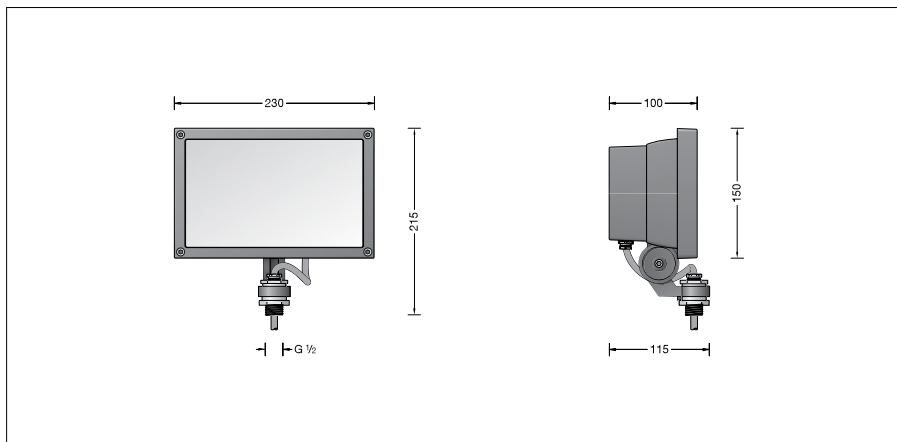
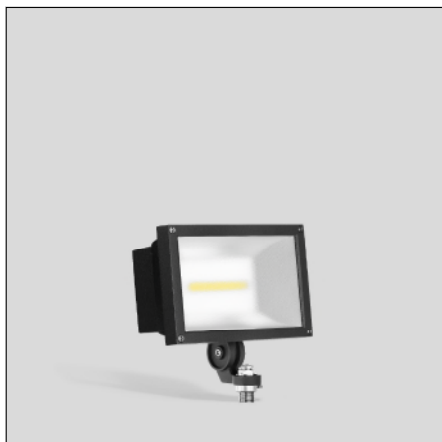
BEGA**77 486**

Surface floodlight



Project · Reference number

Date



Product data sheet

Application

Floodlight with mounting bush G $\frac{1}{2}$, for broad spread light distribution.
The floodlight can be bolted together with any female thread G $\frac{1}{2}$ according to ISO 228.

Product description

Luminaire made of aluminium alloy,
aluminium and stainless steel
BEGA Unidure® coating technology
Safety glass with optical structure
Reflector made of pure anodised aluminium
Rotation range of floodlight 350°
Swivel range -35°/+90°
Mounting bracket with G $\frac{1}{2}$ threaded connection
Thread length: 14 mm
Connecting cable X05BQ-F 5 G 1 \square
Cable length 1 m
BEGA Ultimate Driver®
LED power supply unit
220-240 V \sim 0/50-60 Hz
DC 176-264 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 65
Dust-tight and protection against water jets
Impact strength IK08
Protection against mechanical
impacts < 5 joule
 – Safety mark
 – Conformity mark
Wind catching area: 0.039 m²
Weight: 2.4 kg

Lamp

Module connected wattage 27.3 W
Luminaire connected wattage 30.4 W
Rated temperature $t_a = 25\text{ }^{\circ}\text{C}$
Ambient temperature $t_{a\text{ max}} = 55\text{ }^{\circ}\text{C}$

77 486 K4

Module designation LED-0935/940
Colour temperature 4000 K
Colour rendering index CRI >90
Module luminous flux 4575 lm
Luminaire luminous flux 3706 lm
Luminaire luminous efficiency 121,9 lm/W

77 486 K3

Module designation LED-0935/930
Colour temperature 3000 K
Colour rendering index CRI >90
Module luminous flux 4325 lm
Luminaire luminous flux 3504 lm
Luminaire luminous efficiency 115,3 lm/W

Service life · Ambient temperature

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

Ambient temperature $t_{a\text{ max}} = 55\text{ }^{\circ}\text{C}$ (100 %)
LED psu: 50,000 h
LED module: 61,000 h (L 80 B 50)
92,000 h (L 70 B 50)

Inrush current

Inrush current: 5 A / 100 μs
Maximum number of luminaires of this
type per miniature circuit breaker:
B 10A: 35 luminaires
B 16A: 56 luminaires
C 10A: 35 luminaires
C 16A: 56 luminaires

Light technique

Broad spread light distribution.
Half beam angle 92/97°

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. 77 486

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

70 214 Pole cap for pole \varnothing 48 mm
70 248 Pole cap for pole \varnothing 60 mm
70 245 Mounting box
70 252 Tree screw
70 280 Tube clamp G $\frac{1}{2}$
70 283 Screw clamp
70 379 Outrigger arm G $\frac{1}{2}$
70 889 Tension belt
71 042 Adapter for mounting on a pole
70 502 Shield

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

Light distribution