

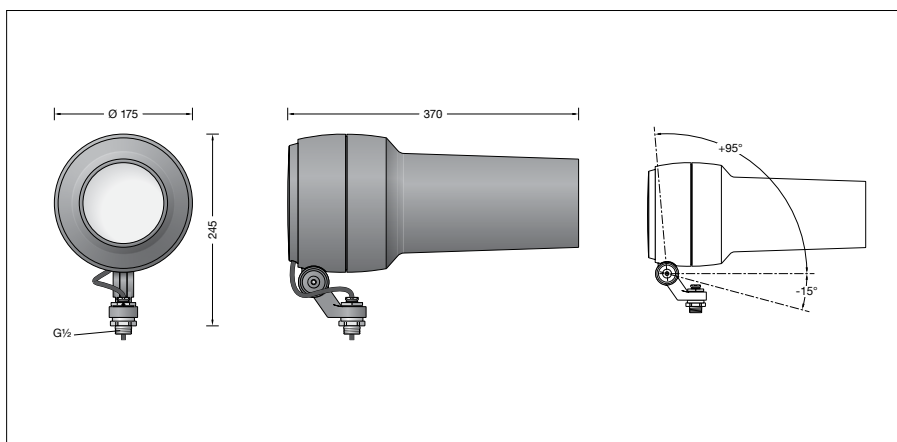
BEGA**84 982**

Gobo floodlight RGBW



Project · Reference number

Date



Product data sheet

Product description

Luminaire made of aluminium alloy, aluminium and stainless steel
 BEGA Unidure® coating technology
 Colour graphite or silver
 Clear safety glass
 Projector lens with adjustable glass lenses.
 Suitable for Gobos with an outer diameter of 66 mm, a max. image diameter of 48 mm and a material thickness of max. 1 mm
 Rotation range of floodlight 350°
 Swivel range -15°/+95°
 Mounting bracket with G½ threaded connection
 Thread length: 11 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 176-264 V
 DALI-controllable(DT8, RGBWAF, xy, TC)
 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 IK04
 Protection against mechanical impacts < 0.5 joule
 – Safety mark
 – Conformity mark
 Wind catching area: 0.06 m²
 Weight: 4.2 kg

Application

RGBW floodlight with G½ threaded connection for the projection of Gobo motifs.
 Suitable for Gobo motifs in accordance with Rosco default size M.
 The floodlight can be controlled by DALI colour light control (DT8, RGBWAF, xy, TC).
 The floodlight can be bolted together with any female thread G½ according to ISO 228 supplied by others or to BEGA accessories.

Lamp

Module connected wattage	35.1 W
Luminaire connected wattage	39 W
Rated temperature	t _a = 25 °C
Ambient temperature	t _{a max} = 30 °C

Module designation	LED-1266/RGBW
Colour temperature of the white LED	4000 K
Luminaire luminous flux*	420 lm
Luminaire luminous efficiency*	10,8 lm/W

* preliminary data

Service life · Ambient temperature

Rated temperature t _a = 25 °C	
LED psu:	> 50,000 h
LED module:	180,000 h (L 80 B 50)

Ambient temperature max. t _a = 30 °C (100 %)	
LED psu:	50,000 h
LED module:	160,000 h (L 80 B 50)
	100,000 h (L 70 B 50)

Ambient temperature max. t _a = 50 °C (54 %)	
LED psu:	> 50,000 h
LED module:	> 50,000 h (L 70 B 50)

BEGA Thermal Control® protects temperature-sensitive luminaire components by temporarily limiting the nominal power at high temperatures.

Lighting technology

Beam angle 20°-28°
 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.

Inrush current

Inrush current: 5 A / 100 µs
 Maximum number of luminaires of this type per miniature circuit breaker:

B 10A:	27 luminaires
B 16A:	43 luminaires
C 10A:	27 luminaires
C 16A:	43 luminaires

Accessories

70214	Pole cap for pole top ø 48 mm
70248	Pole cap for pole top ø 60 mm
70249	Pole cap for pole top ø 76 mm
70229	Pole cap for pole top ø 82 mm
71042	Adapter for installation on a pole
70379	Cross beam
70221	Mounting box for anchorage unit
70217	Mounting box ø 110 mm
70294	Mounting box ø 130 mm
70284	Mounting box ø 150 mm
70245	Mounting box · rectangular

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

Article No. 84 982

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