

System pendant luminaire for indoor use



Project · Reference number

Date

## Product data sheet

### Application

Pendant luminaire downlight · indoor luminaire with wide beam light distribution.  
 BEGA Hybrid Optics® : Highly efficient and low-loss light distribution, thanks to reflector and optical lens.  
 BEGA System pendant luminaire for use in combination with various modular BEGA installation components.

### Product description

Pendant luminaire downlight  
 Die-cast aluminium luminaire housing, velvet black,  
 Reflector surface made of pure aluminium  
 Optical silicone lens · BEGA Hybrid Optics®  
 Trim ring · Chrome finish  
 Clear safety glass  
 Black flex suspension 2 x 0,75<sup>□</sup>  
 Overall length of luminaire approx. 1500 mm  
 Safety class III   
**CE** – Conformity mark  
 Weight: 1.5 kg  
 This product contains light sources of energy efficiency class(es) D  
 Luminaire without canopy,  
 for connection to an additional required BEGA Installation component (accessory)

### Lighting technology

Symmetrical narrow beam light distribution  
 Half beam angle 32°  
 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](http://www.bega.com).

### Accessories

**BEGA Installation components** with LED power supply unit.  
 Satin black finish  
 Depending on the desired type of installation, the following suitable installation components are available for this BEGA system pendant luminaire:  
 For all level ceilings:

**13 237** Surface-mounted canopy (Type A)  
 DALI · 220-240 V · 490 mA DC

Suitable for level ceilings and sloped ceilings with a pitch of 0 - 40°:

**13 243** Surface-mounted canopy (Type B)  
 DALI · 220-240 V · 490 mA DC

**13 249** Recessed canopy (Type C)  
 DALI · 220-240 V · 500 mA DC

**13 271** Recessed canopy (Type CS)  
 Smart controllable / dimmable ·  
 220-240 V · 500 mA DC

For flush and surface-mounted 3-phase Eurostandard-Plus® track systems:

**13 219** Stromschienenadapter (Typ D)  
 DALI · 220-240 V · 500 mA DC

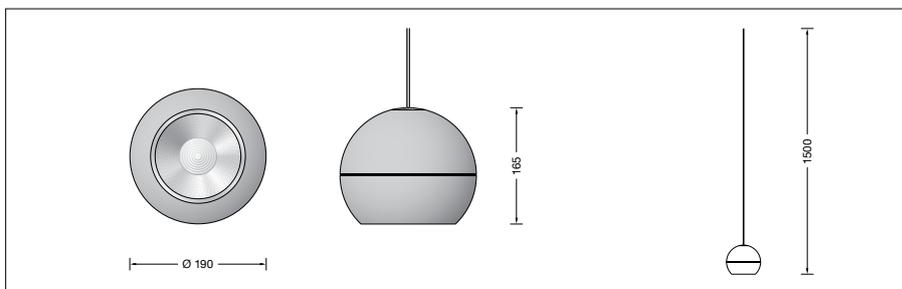
For the accessories a separate instructions for use can be provided upon request.

### Lamp

Module connected wattage	16.8 W
Luminaire connected wattage	19.8 W
Rated temperature	$t_a = 25 \text{ °C}$
Ambient temperature	$t_{a \text{ max}} = 35 \text{ °C}$

### 51 204.5 K3

Module designation	LED-0978/930
Colour temperature	3000 K
Colour rendering index	CRI > 90
Module luminous flux	2440 lm
Luminaire luminous flux	2005 lm
Luminaire luminous efficiency	101,3 lm/W



### Service life · Ambient temperature

Rated temperature  $t_a = 25 \text{ °C}$   
 LED module:  
 > 200,000h (L.80 B50)  
 50,000h (L.90 B50)

Ambient temperature max.  $t_a = 35 \text{ °C}$  (100 %)  
 LED module:  
 190,000h (L.80 B50)  
 50,000h (L.90 B50)

### BEGA Hybrid Optics®

BEGA Hybrid Optics® offers complete lighting control thanks to optimized refraction and reflection. Precisely calculated reflectors with a pure aluminium surface and lenses, for example made of ultra-clear silicone or glass, capture almost every single light beam emitted by the LED modules. Maximum light efficiency is achieved via the synergy between lens and reflector technology.

### Article No. 51 204.5

Optional finishes

- Velvet white
- Velvet black

Code number **.1**

Code number **.5**