

BEGA**50 620.1**

Pendant luminaire for indoor use

Project · Reference number

Date

Product data sheet**Application**LED ceiling luminaire downlight · indoor
luminaire with broad spread light distribution.**Product description**

Pendant luminaire downlight »GENIUS«
Die-cast aluminium housing,
Velvet white enamel finish
Reflector surface made of pure aluminium
Optical silicone lens
Trim ring · Chrome finish
Safety glass
White flex suspension $5 \times 0,7$ □
with 1 steel messenger wire
Overall length of luminaire approx. 3000 mm
Connection terminal 2.5 □
Earth conductor connection
Connecting terminal for digital control
LED power supply unit
220-240 V \sim 0/50-60 Hz
DALI controllable
A basic isolation exists between power cable
and control line
Safety class I
CE – Conformity mark
Weight: 2.9 kg

Inrush current

Inrush current: 20 A / 400 μ s
Maximum number of luminaires of this
type per miniature circuit breaker:
B10A: 9 luminaires
B16A: 15 luminaires
C10A: 16 luminaires
C16A: 25 luminaires

Lamp

Module connected wattage 25 W
Luminaire connected wattage 29 W
Rated temperature $t_a = 25$ °C
Ambient temperature $t_{a \max} = 45$ °C

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Module designation LED-0785/830
Colour temperature 3000 K
Colour rendering index CRI > 80
Module luminous flux 4365 lm
Luminaire luminous flux 3585 lm
Luminaire luminous efficiency 123,6 lm/W

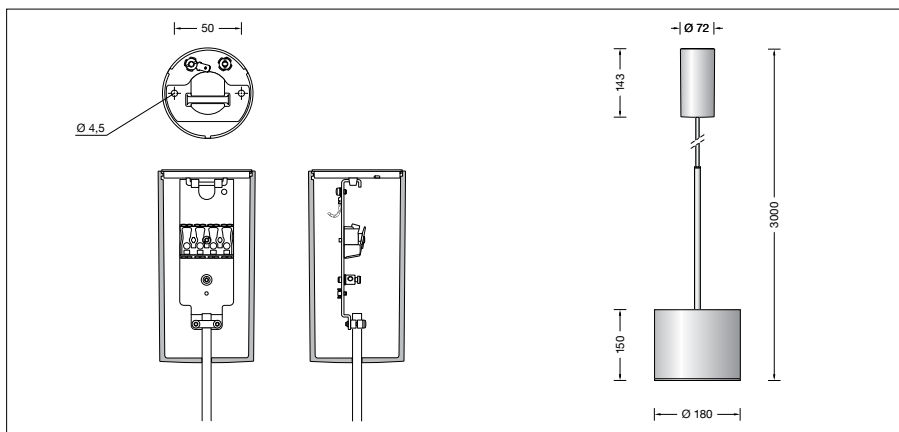
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Module designation LED-0785/840
Colour temperature 4000 K
Colour rendering index CRI > 80
Module luminous flux 4480 lm
Luminaire luminous flux 3679 lm
Luminaire luminous efficiency 126,9 lm/W

Service life of the LED

Ambient temperature $t_a = 25$ °C
– at 360,000h: L70B50

max. ambient temperature $t_a = 45$ °C
– at 280,000h: L70B50

**Lighting technology**

Half beam angle 59°
Luminaire data for the light planning program
DIALux for outdoor lighting, street lighting and
interior lighting as well as luminaire data in
EULUMDAT and IES format are available on our
website www.bega.com.

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LED colour temperature optionally 3000 K
or 4000 K
3000 K – Article number + **K3**
4000 K – Article number + **K4**

Optional finishes

- Velvet white enamel finish Code number **.1**
- Velvet black enamel finish Code number **.5**