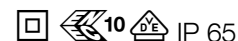


BEGA**50 001.1**

Recessed ceiling luminaire for indoor use



Project · Reference number

Date

Product data sheet

Application

LED recessed ceiling luminaire with crystal glass for wide beam light. For installation in suspended ceilings of 10-45 mm in interior applications.

Product description

Recessed LED luminaire with a remote non-dimmable power supply unit
 Luminaire made of aluminium alloy, aluminium and stainless steel
 Crystal glass with thread, partially frosted
 Silicone gasket
 Reflector made of pure anodised aluminium
 Metal ceiling frame ring, finish white enamel
 Luminaire housing with 2 fixing claws and guide screws
 Ceiling aperture \varnothing 71 mm
 Free space installation depth required 75 mm
 Connecting compartment with 2 cable entries for through-wiring of the mains supply cable up to \varnothing 8-10 mm max. 3×1.5 [□]
 1 screw cable gland factory-closed with sealing plug
 Connecting terminals 2.5[□]
 LED power supply unit
 220-240 V \sim 0/50-60 Hz
 DC 170-280 V
 Safety class II
 Protection class IP 65
 Dust-tight and protection against water jets
 Impact strength IK06
 Protection against mechanical impacts < 1 joule
 – Safety mark
 – Conformity mark
 Weight: 0.47 kg

Inrush current

Inrush current: 27 A / 250 μ s
 Maximum number of luminaires of this type per miniature circuit breaker:
 B 10A: 17 luminaires
 B 16A: 27 luminaires
 C 10A: 28 luminaires
 C 16A: 45 luminaires

Lamp

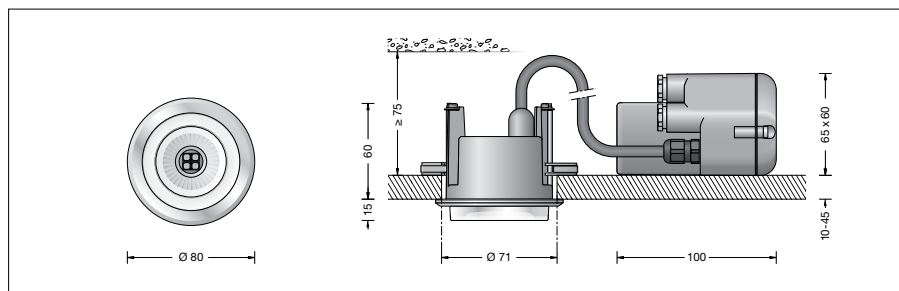
Module connected wattage	4.2 W
Luminaire connected wattage	6 W
Rated temperature	$t_a = 25$ °C
Ambient temperature	$t_{a \max} = 50$ °C
When installed in heat-insulating material	$t_{a \max} = 35$ °C

50 001.1 K3

Module designation	LED-0458/930
Colour temperature	3000 K
Colour rendering index	CRI > 90
Module luminous flux	505 lm
Luminaire luminous flux	260 lm
Luminaire luminous efficiency	43,3 lm/W

50 001.1 K4

Module designation	LED-0458/940
Colour temperature	4000 K
Colour rendering index	CRI > 90
Module luminous flux	525 lm
Luminaire luminous flux	270 lm
Luminaire luminous efficiency	45 lm/W



Service life of the LED

Ambient temperature $t_a = 25$ °C
 – at 186,000 h: L70 B50

max. ambient temperature $t_a = 50$ °C
 – at 105,000 h: L70 B50

Lighting technology

Half beam angle 40°
 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**

Finish options

• Enamel, white	Code number .1
• Stainless steel	Code number .2
• Polished stainless steel	Code number .3

Accessories

10 407 Installation housing

A separate instructions for use can be provided upon request.