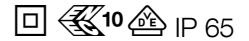


BEGA**24 299**

Recessed ceiling downlight



Project · Reference number

Date

Product data sheet

Application

LED recessed ceiling downlight with external DALI controllable power supply unit for installation into concrete ceilings or suspended ceilings both indoors and out.
With asymmetrical light distribution.

Product description

Luminaire made of aluminium alloy, aluminium and stainless steel
Cover ring stainless steel
Matt safety glass
Optical silicone lens · BEGA Constant Optics®
Reflector surface made of pure aluminium
Luminaire housing with 2 fixing claws and guide screws
Recessed opening \varnothing 97 mm
Recessed depth required 120 mm
The external connection housing is made of glass fibre reinforced synthetic material (polyamide)
220-240 V \sim 0/50-60 Hz
2 screw cable glands with strain relief for through-wiring power connecting cable \varnothing 4-10 mm, max. 5 x 1.5[□]
Connecting terminals 2.5[□]
0,7 m connection cable with plug between the luminaire and the power supply unit
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: 0.8 kg

Lamp

Module connected wattage	8.5 W
Luminaire connected wattage	10.4 W
Rated temperature	$t_a = 25^\circ\text{C}$
Ambient temperature	$t_{a\text{max}} = 40^\circ\text{C}$
When installed in heat-insulating material	$t_{a\text{max}} = 40^\circ\text{C}$

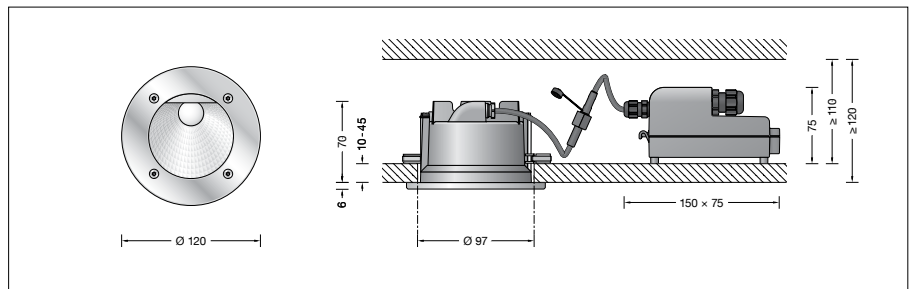
On request we can offer you modifications for environments with higher temperatures as a customized product.

24 299 K3

Module designation	LED-0986/830
Colour temperature	3000 K
Colour rendering index	CRI > 80
Module luminous flux	1400 lm
Luminaire luminous flux	711 lm
Luminaire luminous efficiency	68,4 lm/W

24 299 K4

Module designation	LED-0986/840
Colour temperature	4000 K
Colour rendering index	CRI > 80
Module flux	1440 lm
Luminaire luminous flux	731 lm
Luminaire luminous efficiency	70,3 lm/W



Service life · Ambient temperature

Rated temperature $t_a = 25^\circ\text{C}$
LED psu: > 50,000h
LED module: 145,000h (L80B50)

Ambient temperature $t_{a\text{max}} = 40^\circ\text{C}$ (100 %)
LED psu: 50,000h
LED module: 110,000h (L80B50)

Lighting technology

Half beam angle 51/57°
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.

Inrush current

Inrush current: 5 A / 50 μs
Maximum number of luminaires of this type per miniature circuit breaker:
B10A: 31 luminaires
B16A: 50 luminaires
C10A: 52 luminaires
C16A: 85 luminaires

Article No. 24 299

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

Accessories

10 440 Installation housing

A separate instructions for use can be provided upon request.

Light distribution

