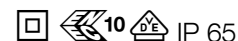


BEGA**24 332**

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 flat beam light distribution.

Product description

Luminaire made of aluminium alloy, aluminium and stainless steel
Cover ring stainless steel
Matt safety glass
Optical silicone lens · BEGA Hybrid Optics®
Reflector surface made of pure aluminium
Luminaire housing with 2 fixing claws and guide screws
Recessed opening \varnothing 160 mm
Recessed depth required 100 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
BEGA Thermal Control®
Temporary thermal regulation to protect temperature-sensitive components without switching off the luminaire
Safety class II
Protection class IP 65
Dust-tight and protection against water jets
Impact strength IK07
Protection against mechanical impacts < 2 joule
 – Safety mark
CE – Conformity mark
Weight: 1.5 kg

Lamp

Module connected wattage	24.1 W
Luminaire connected wattage	28 W
Rated temperature	$t_a = 25^\circ\text{C}$
Ambient temperature	$t_{a, \max} = 25^\circ\text{C}$

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

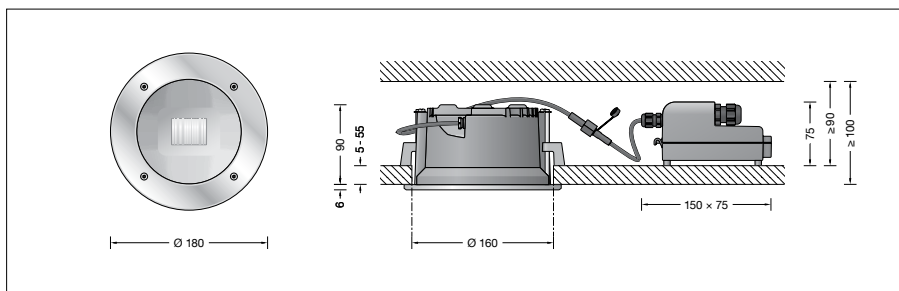
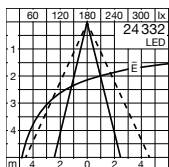
24 332 K3

Module designation	LED-0800/830
Colour temperature	3000 K
Colour rendering index	CRI > 80
Module luminous flux	3910 lm
Luminaire luminous flux	2620 lm
Luminaire luminous efficiency	93,6 lm/W

24 332 K4

Module designation	LED-0800/840
Colour temperature	4000 K
Colour rendering index	CRI > 80
Module luminous flux	4010 lm
Luminaire luminous flux	2687 lm
Luminaire luminous efficiency	96 lm/W

Light distribution



Service life · Ambient temperature

Rated temperature $t_a = 25^\circ\text{C}$
LED psu: > 50,000h
LED module: 75,000h (L 80 B 50)
100,000h (L 70 B 50)

Ambient temperature $t_{a, \max} = 25^\circ\text{C}$ (100 %)
LED psu: 50,000h
LED module: 75,000h (L 80 B 50)
100,000h (L 70 B 50)

Lighting technology

Half beam angle 105/58°
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: 24 A / 115 μs
Maximum number of luminaires of this type per miniature circuit breaker:
B 10 A: 31 luminaires
B 16 A: 51 luminaires
C 10 A: 53 luminaires
C 16 A: 86 luminaires

Article No. 24 332

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

Accessories

10 442 Installation housing

A separate instructions for use can be provided upon request.