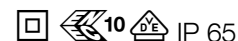


BEGA**24 326**

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 202 mm
Recessed depth required 125 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 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
 - Safety mark
 - Conformity mark
Weight: 2.4 kg

Lamp

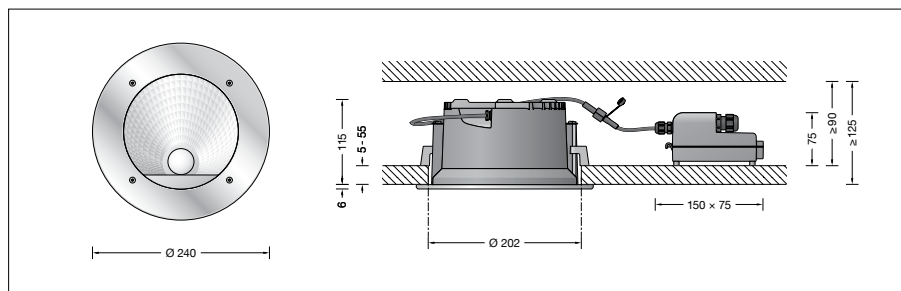
Module connected wattage	25 W
Luminaire connected wattage	28 W
Rated temperature	$t_a = 25^\circ\text{C}$
Ambient temperature	$t_{a\text{max}} = 30^\circ\text{C}$

24 326 K3

Module designation	LED-0785/830
Colour temperature	3000 K
Colour rendering index	CRI > 80
Module luminous flux	4365 lm
Luminaire luminous flux	2828 lm
Luminaire luminous efficiency	101 lm/W

24 326 K4

Module designation	LED-0785/840
Colour temperature	4000 K
Colour rendering index	CRI > 80
Module luminous flux	4480 lm
Luminaire luminous flux	2903 lm
Luminaire luminous efficiency	103,7 lm/W

**Service life · Ambient temperature**

Rated temperature $t_a = 25^\circ\text{C}$	
LED psu:	> 50,000h
LED module:	130,000h (L80B50)
Ambient temperature $t_{a\text{max}} = 30^\circ\text{C}$ (100 %)	
LED psu:	50,000h
LED module:	120,000h (L80B50)

Ambient temperature $t_{a\text{max}} = 50^\circ\text{C}$ (62 %)	
LED psu:	50,000h
LED module:	50,000h

BEGA Thermal Control® protects temperature-sensitive luminaire components by temporarily limiting the nominal power at high temperatures.

Inrush current

Inrush current: 5 A / 100 μs
Maximum number of luminaires of this type per miniature circuit breaker:

B 10A:	27 luminaires
B 16A:	44 luminaires
C 10A:	27 luminaires
C 16A:	44 luminaires

Lighting technology

Half beam angle 67/65°
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.

Article No. 24 326

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

Accessories

10 443 Installation housing

A separate instructions for use can be provided upon request.

Light distribution