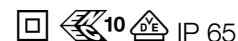


BEGA**24 279**

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 symmetrical narrow beam light distribution.

Product description

Luminaire made of aluminium alloy, aluminium and stainless steel
Cover ring stainless steel
Clear 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 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: 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	$t_{a\text{max}} = 25^\circ\text{C}$

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

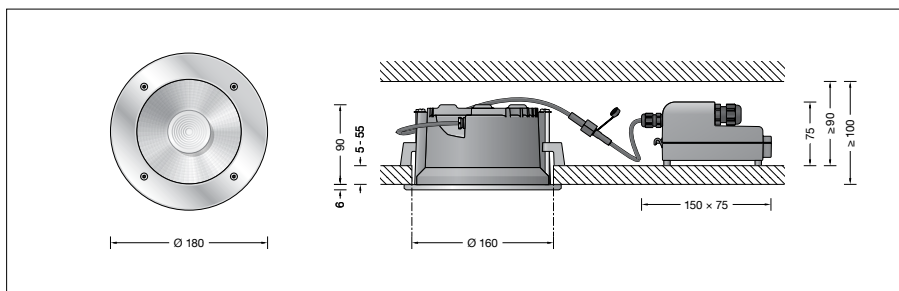
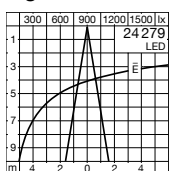
24 279 K3

Module designation	LED-0800/830
Colour temperature	3000 K
Colour rendering index	CRI > 80
Module luminous flux	3910 lm
Luminaire luminous flux	2930 lm
Luminaire luminous efficiency	104,6 lm/W

24 279 K4

Module designation	LED-0800/840
Colour temperature	4000 K
Colour rendering index	CRI > 80
Module luminous flux	4010 lm
Luminaire luminous flux	3005 lm
Luminaire luminous efficiency	107,3 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 $t_{a\text{max}} = 25^\circ\text{C}$ (100 %)	
LED psu:	50,000h
LED module:	75,000h (L 80 B 50) 100,000h (L 70 B 50)

Lighting technology

Half beam angle 14°
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. 24 279

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.