

BEGA**24 145**

Recessed ceiling downlight

IP 65

Project · Reference number

Date

Product data sheet**Application**

Recessed LED ceiling luminaire
with symmetrical narrow beam light distribution.

Product description

LED recessed luminaire without power supply unit
Luminaire made of cast aluminium, aluminium and stainless steel
BEGA Unidure® coating technology
Safety glass with optical structure
Silicone gasket
BEGA Vortex Optics®
Reflector surface made of pure aluminium
Required recessed opening 260 x 260 mm
Recessed depth 150 mm
0,4 m mains supply cable A05VV-F 2×0,5[□] with plug
BEGA Thermal Control®
Temporary thermal regulation to protect temperature-sensitive components without switching off the luminaire
Safety class III ⚡
⚡ Ballproof according to DIN VDE 0710 part 13
Protection class IP 65
Dust-tight and protection against water jets
Impact strength IK08
Protection against mechanical impacts < 5 joule
CE – Conformity mark
Weight: 2.2 kg

Lamp

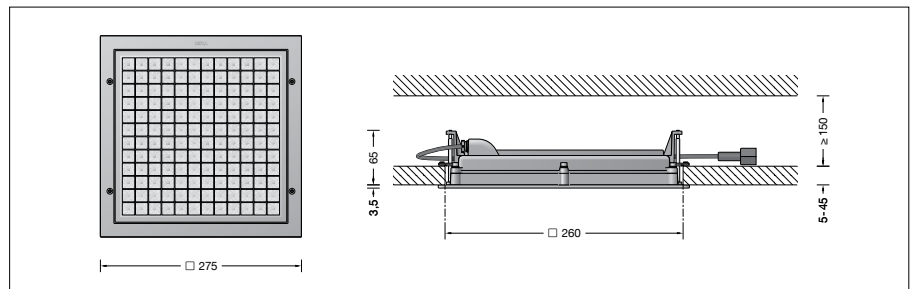
Module connected wattage	56 W
Luminaire connected wattage	62 W
Rated temperature	$t_a = 25\text{ °C}$
Ambient temperature	$t_{a\text{ max}} = 40\text{ °C}$

24 145 K3

Module designation	LED-1002/830
Colour temperature	3000 K
Colour rendering index	CRI > 80
Module luminous flux	8015 lm
Luminaire luminous flux	4294 lm
Luminaire luminous efficiency	69,3 lm/W

24 145 K4

Module designation	LED-1002/840
Colour temperature	4000 K
Colour rendering index	CRI > 80
Module luminous flux	8015 lm
Luminaire luminous flux	4294 lm
Luminaire luminous efficiency	69,3 lm/W

**Service life · Ambient temperature**

Rated temperature $t_a = 25\text{ °C}$	
LED psu:	> 50,000 h
LED module:	120,000 h (L 80 B 50) 100,000 h (L 70 B 50)

Ambient temperature $t_{a\text{ max}} = 40\text{ °C}$ (100 %)	
LED psu:	50,000 h
LED module:	34,000 h (L 80 B 50) 53,000 h (L 70 B 50)

Lighting technology

Half beam angle 20°
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. 24 145

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

Colour white or silver
white – article number
silver – article number + **A**

Accessories

Power supply units for LED luminaires
220-240 V · 0/50-60 Hz with strain relief and plug connector system.

13573 Power supply unit on/off
13574 Power supply unit DALI

The power supply units are only suitable for the operation of one LED luminaire.

13578 Installation housing

A separate instructions for use can be provided upon request.

Light distribution