

BEGA**24 147**

Recessed ceiling downlight

IP 65

Project · Reference number

Date

Product data sheet**Application**

Recessed ceiling luminaire with asymmetrical wide 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
 0.5 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 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	$t_{a\text{ max}} = 40\text{ °C}$

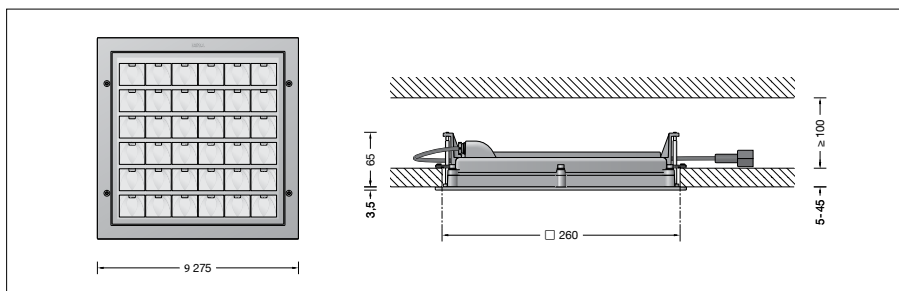
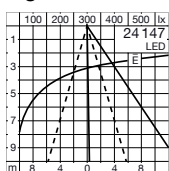
On request we can offer you modifications for environments with higher temperatures as a customized product.

24 147 K3

Module designation	4 x LED-0586/830
Colour temperature	3000 K
Colour rendering index	CRI > 80
Module luminous flux	8000 lm
Luminaire luminous flux	5746 lm
Luminaire luminous efficiency	92,7 lm/W

24 147 K4

Module designation	4 x LED-0586/840
Colour temperature	4000 K
Colour rendering index	CRI > 80
Module luminous flux	8000 lm
Luminaire luminous flux	5746 lm
Luminaire luminous efficiency	92,7 lm/W

Light distribution**Service life · Ambient temperature**

Rated temperature $t_a = 25\text{ °C}$	
LED psu:	> 50,000 h
LED module:	86,000 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:	37,000 h (L 80 B 50) 56,000 h (L 70 B 50)

Lighting technology

Half beam angle 46/52°

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. 24 147

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.