

BEGA**24 464**

Compact downlight



Project · Reference number

Date

Product data sheet

Application

Compact downlight with symmetrical wide beam light distribution.

Product description

Luminaire made of aluminium alloy,
aluminium and stainless steel
BEGA Unidure® coating technology
Colour graphite or white
Safety glass with optical structure
Silicone gasket
Reflector surface made of pure aluminium
2 mounting holes $\varnothing$ 4.8 mm
Distance apart 70 mm
1 cable entry for mains supply cable
up to $\varnothing$ 10,5 mm
Connection terminal 2.5²
Earth conductor connection
BEGA Ultimate Driver®
LED power supply unit
220-240 V $\sim$ 0/50-60 Hz
DC 176-264 V
BEGA Thermal Switch®
Temporary thermal shutdown to protect
temperature-sensitive components
Safety class I
⚡ Ballproof according to DIN VDE 0710
part 13
Protection class IP 65
Dust-tight and protection against water jets
Impact strength IK06
Protection against mechanical
impacts < 1 joule
⚡ – Safety mark
CE – Conformity mark
Weight: 0.85 kg
This product contains light sources of energy
efficiency class(es) B, C

Lamp

Module connected wattage	2.9 W
Luminaire connected wattage	4 W
Rated temperature	$t_a = 25^\circ\text{C}$
Ambient temperature	$t_{a\text{ max}} = 50^\circ\text{C}$

24 464 K3

Module designation	LED-1106/830
Colour temperature	3000 K
Colour rendering index	CRI > 80
Module luminous flux	565 lm
Luminaire luminous flux	404 lm
Luminaire luminous efficiency	101 lm/W

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Module designation	LED-1106/840
Colour temperature	4000 K
Colour rendering index	CRI > 80
Module luminous flux	580 lm
Luminaire luminous flux	415 lm
Luminaire luminous efficiency	103,8 lm/W

Ratio of luminous flux

Luminous flux upper half-space	0 %
Luminous flux lower half-space	100 %

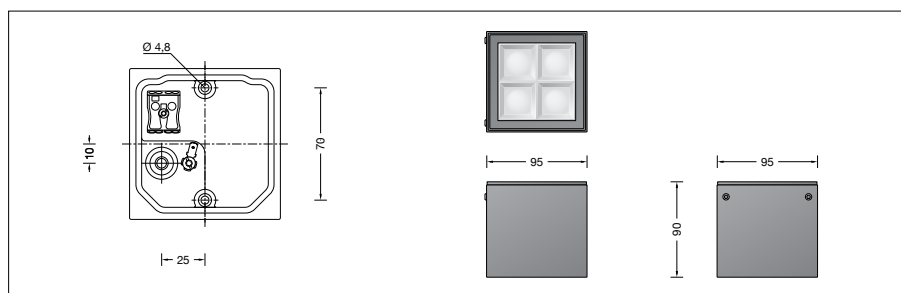
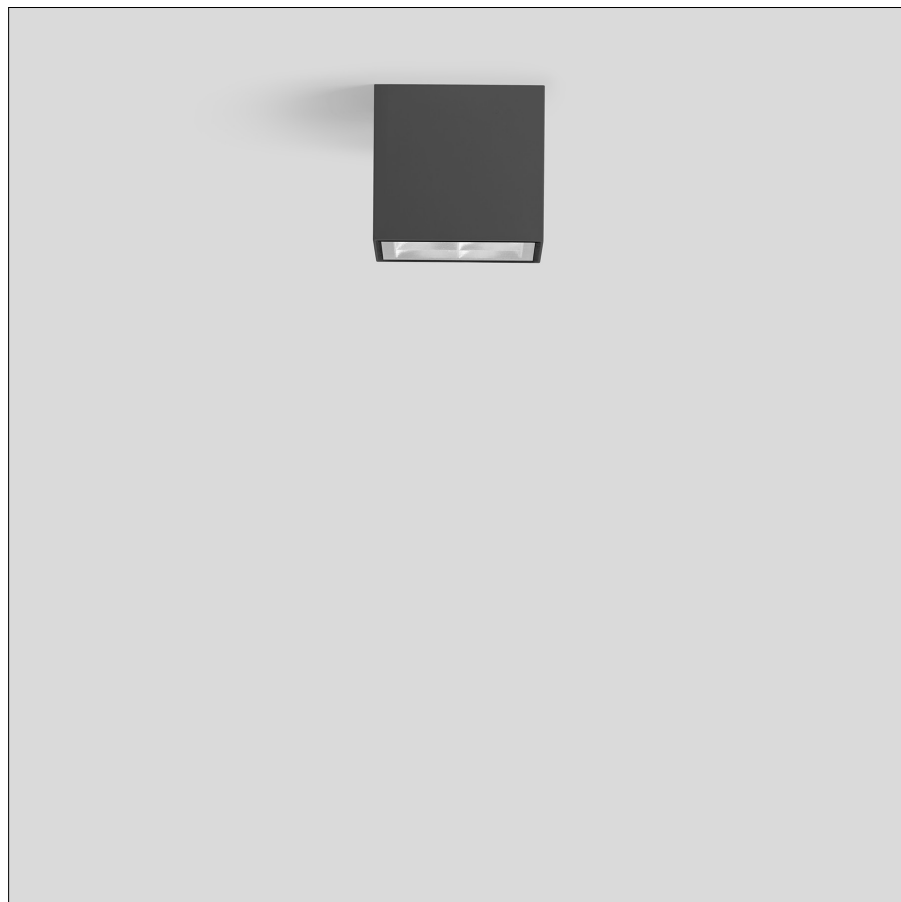
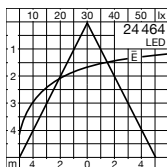
BUG rating according to IES TM-15-07:

0-0-0

CEN Flux Code according to EN 13032-2:

63-92-99-100-100

Light distribution



Service life · Ambient temperature

Rated temperature $t_a = 25^\circ\text{C}$
LED psu: > 50,000 h
LED module: > 200,000 h (L 80 B 50)
100,000 h (L 90 B 50)

Ambient temperature max. $t_a = 50^\circ\text{C}$ (100 %)

LED psu: 50,000 h
LED module: > 200,000 h (L 80 B 50)
100,000 h (L 90 B 50)

Lighting technology

Symmetrical wide beam light distribution

Half beam angle 90°

Luminaire data for the light planning program
DIALux for outdoor lighting, street lighting and
indoor lighting, as well as luminaire data in
EULUMDAT and IES format are available on the
BEGA website at www.bega.com.

Inrush current

Inrush current: 7.8 A / 112 μs

Maximum number of luminaires of this type per miniature circuit breaker:

B 10 A: 38 luminaires

B 16 A: 61 luminaires

C 10 A: 64 luminaires

C 16 A: 102 luminaires

Article No. 24 464

LED colour temperature optionally 3000 K or 4000 K

3000 K – Article number + **K3**4000 K – Article number + **K4**

Colour optionally graphite or white

Graphite – Article number

White – Article number + **W**