

BEGA**24 056**

Compact downlight



Project · Reference number

Date

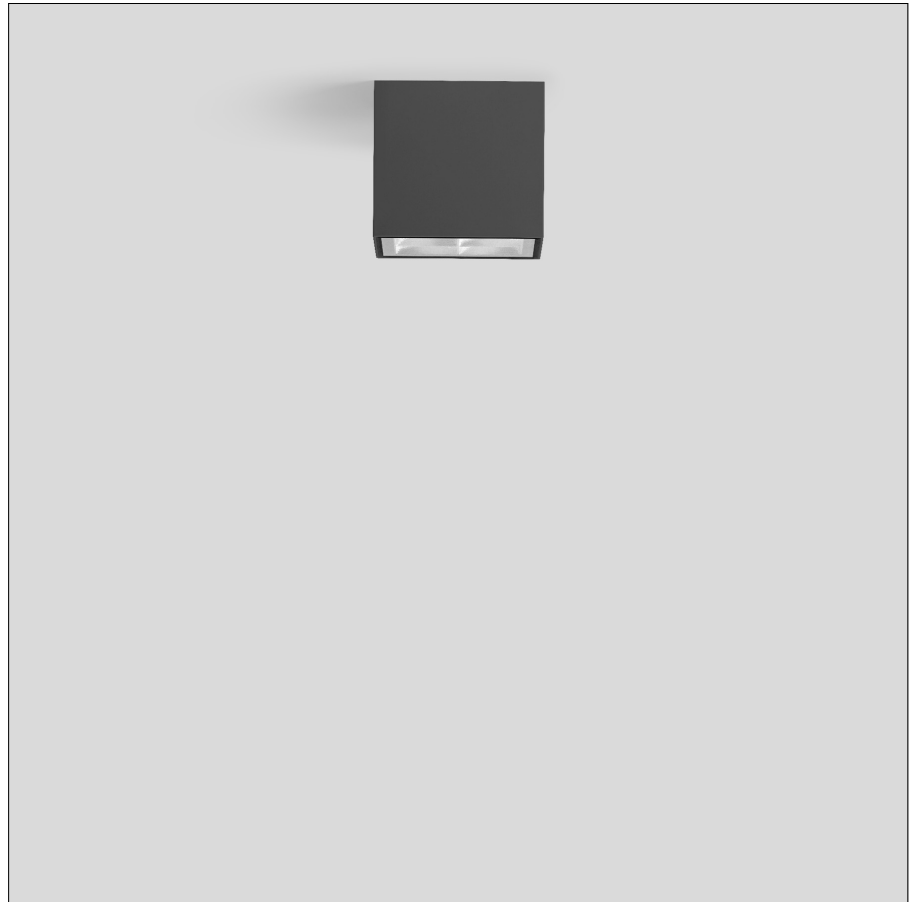
Product data sheet

Application

Compact downlight with asymmetrical broad spread light distribution.

Product description

Luminaire made of aluminium alloy,
aluminium and stainless steel
BEGA Unidure® coating technology
Safety glass with optical structure
Silicone gasket
BEGA Vortex Optics®
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 2.5[□]
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
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: 0.9 kg



Lamp

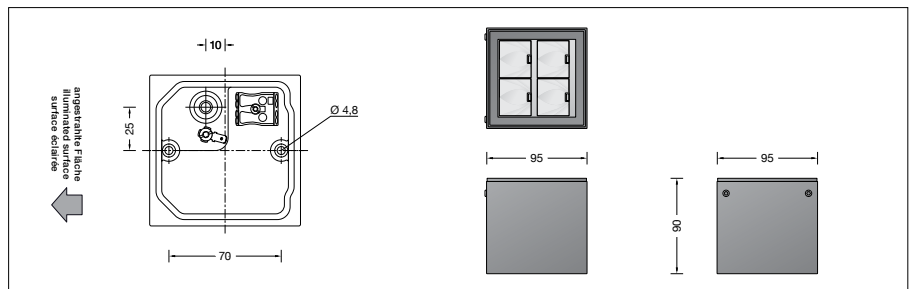
Module connected wattage	3 W
Luminaire connected wattage	4.1 W
Rated temperature	$t_a = 25\text{ °C}$
Ambient temperature	$t_{a\text{ max}} = 50\text{ °C}$

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Module designation	LED-0591/830
Colour temperature	3000 K
Colour rendering index	CRI > 80
Module luminous flux	560 lm
Luminaire luminous flux	338 lm
Luminaire luminous efficiency	82,4 lm/W

24 056 K4

Module designation	LED-0591/840
Colour temperature	4000 K
Colour rendering index	CRI > 80
Module luminous flux	580 lm
Luminaire luminous flux	350 lm
Luminaire luminous efficiency	85,4 lm/W



Service life · Ambient temperature

Rated temperature $t_a = 25\text{ °C}$
 LED psu: > 50,000h
 LED module: > 200,000h (L80 B50)
 100,000h (L90 B50)
 Ambient temperature $t_{a\text{ max}} = 50\text{ °C}$ (100 %)
 LED psu: 50,000h
 LED module: 167,000h (L80 B50)

Inrush current

Inrush current: 7 A / 112 μ s
 Maximum number of luminaires of this
 type per miniature circuit breaker:
 B10A: 38 luminaires
 B16A: 61 luminaires
 C10A: 64 luminaires
 C16A: 102 luminaires

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LED colour temperature optionally 3000K
 or 4000K
 3000 K – Article number + **K3**
 4000 K – Article number + **K4**
 Colour optionally graphite or white
 Graphite – Article number
 White – Article number + **W**

Lighting technology

Half beam angle 50/52°
 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.

Light distribution

