

BEGA**24 090**

Ceiling mounted downlight



Project · Reference number

Date

Product data sheet

Application

LED surface mounted downlight with asymmetrical light distribution and high protection class which is designed to illuminate uniformly walls from the ceiling.

Product description

Luminaire made of aluminium alloy,
aluminium and stainless steel
Safety glass
Silicone gasket
Reflector surface made of pure aluminium
2 mounting holes \varnothing 6 mm
Distance apart 210 mm
2 cable entries for through-wiring of mains
supply cable \varnothing 7-10.5 mm, max. 5 G 1.5[□]
Connecting terminal 2.5[□]
with plug connection
Earth conductor connection
LED power supply unit
220-240 V \sim 0/50-60 Hz
DC 170-276 V
DALI controllable
A basic isolation exists between power cable
and control line
BEGA Thermal Control[®]
Temporary thermal regulation to protect
temperature-sensitive components without
switching off the luminaire
Safety class I
Protection class IP 65
Dust-tight and protection against water jets
Impact strength IK08
Protection against mechanical
impacts < 5 joule
 – Safety mark
CE – Conformity mark
Weight: 3.4 kg

Lamp

Module connected wattage 36.8 W
Luminaire connected wattage 40.4 W
Rated temperature $t_a = 25$ °C
Ambient temperature $t_{a \max} = 35$ °C

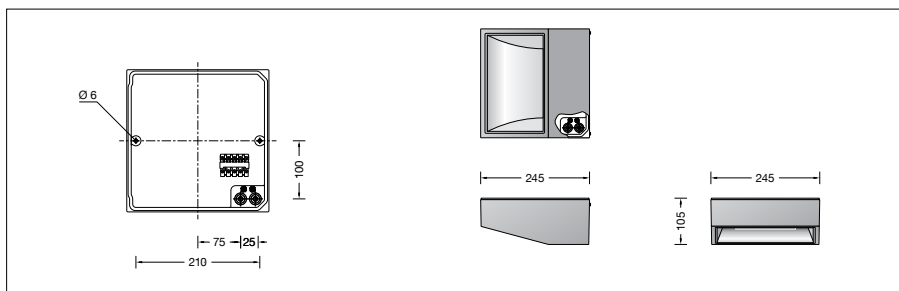
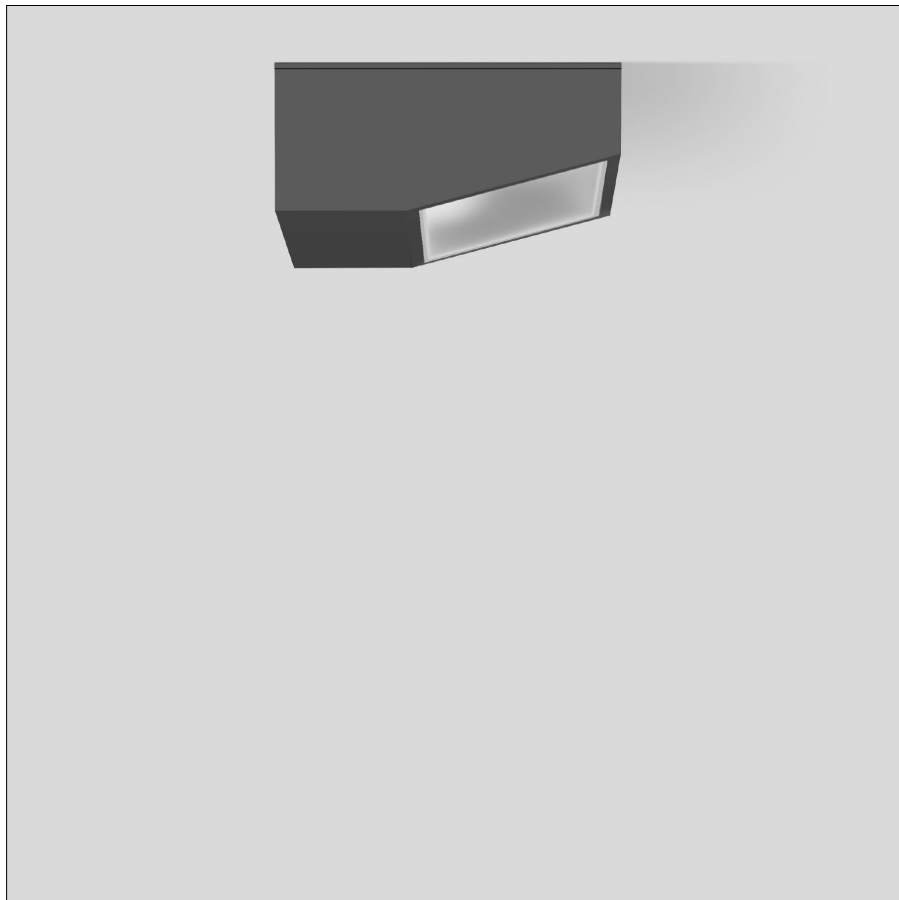
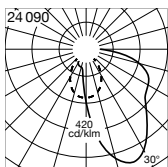
24 090 K3

Module designation LED-0891/830
Colour temperature 3000 K
Colour rendering index CRI > 80
Module luminous flux 7145 lm
Luminaire luminous flux 5379 lm
Luminaire luminous efficiency 133,1 lm/W

24 090 K4

Module designation LED-0891/840
Colour temperature 4000 K
Colour rendering index CRI > 80
Module luminous flux 7345 lm
Luminaire luminous flux 5529 lm
Luminaire luminous efficiency 136,9 lm/W

Light distribution



Service life · Ambient temperature

Rated temperature $t_a = 25$ °C
LED psu: > 50,000h
LED module: 146,000h (L80 B50)

Ambient temperature $t_{a \max} = 35$ °C (100 %)
LED psu: 50,000h
LED module: 79,000h (L80 B50)
100,000h (L70 B50)

Light technique

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 you will find on the
BEGA web page www.bega.com.

Inrush current

Inrush current: 20 A / 400 μ s
Maximum number of luminaires of this
type per miniature circuit breaker:
B10A: 9 luminaires
B16A: 15 luminaires
C10A: 16 luminaires
C16A: 25 luminaires

Article No. 24 090

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**