

BEGA**50 176.6**

Ceiling luminaire for indoor use



Project · Reference number

Date

Product data sheet

Application

LED ceiling luminaire · indoor luminaire with hand-blown opal glass and metal housing for non-glare light deflected downwards.

Product description

LED ceiling luminaire »STUDIO LINE«

Aluminium luminaire housing,

velvet black enamel finish,

inside hue matt copper

Metal luminaire mounting plate,

finish white enamel

Hand-blown opal glass, satin matt,

with bayonet closure

2 mounting holes \varnothing 6 mm

Distance apart 340 mm

2 cable entries for through-wiring for mains

cable up to \varnothing 10,5 mm max. 5 x 1.5[□]

Connection terminal 2.5[□]

Earth conductor connection

LED power supply unit

220-240 V \sim 0/50-60 Hz

DALI controllable

A basic isolation exists between power cable

and control line

Safety class I

– Safety mark

CE – Conformity mark

Weight: 5.3 kg

Inrush current

Inrush current: 20 A / 400 μ s

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

B 10A: 9 luminaires

B 16A: 15 luminaires

C 10A: 16 luminaires

C 16A: 25 luminaires

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.

Lamp

Module connected wattage 43.5 W

Luminaire connected wattage 48.7 W

Rated temperature $t_a = 25$ °C

Ambient temperature $t_{a \max} = 40$ °C

50 176.6 K3

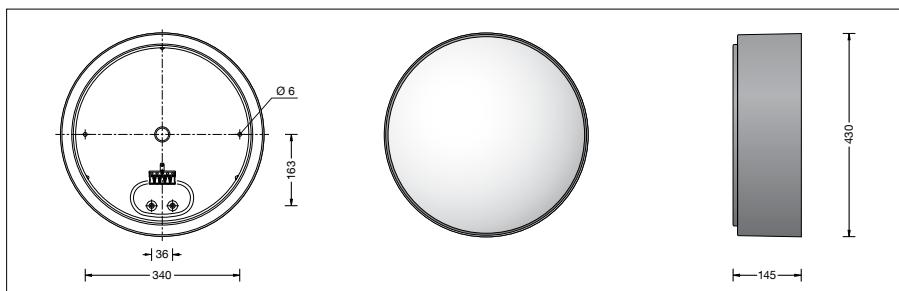
Colour temperature 3000 K

Colour rendering index CRI > 90

Module luminous flux 5505 lm

Luminaire luminous flux 2005 lm

Luminaire luminous efficiency 41,2 lm/W



Service life of the LED

Ambient temperature $t_a = 25$ °C

– at 120,000h: L70B50

max. ambient temperature $t_a = 40$ °C

– at 53,000h: L70B50

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Interior colour options

- matt aluminium
- matt brass
- matt copper

Code number **.2**

Code number **.4**

Code number **.6**