

BEGA**50 176.2**

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 aluminium
 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
 – 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:
 B10A: 9 luminaires
 B16A: 15 luminaires
 C10A: 16 luminaires
 C16A: 25 luminaires

Light technique

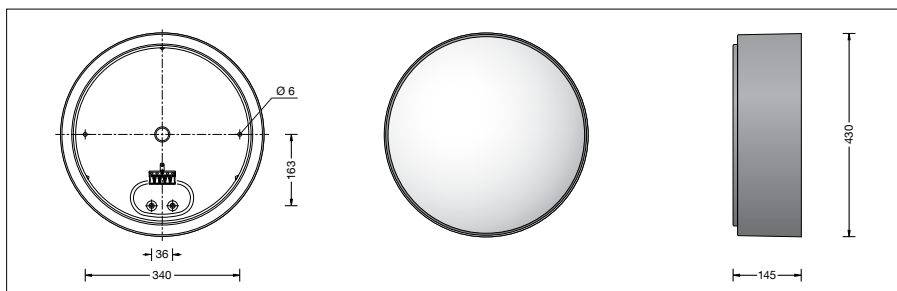
Luminaire data for the light planning program
 DIALux for outdoor lighting, street lighting and
 indoor lighting as well as luminaire data in
 EULUMDAT- and IES-format you will find on the
 BEGA web page www.bega.com.

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

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Colour temperature	3000 K
Colour rendering index	CRI > 90
Module luminous flux	5505 lm
Luminaire luminous flux	2338 lm
Luminaire luminous efficiency	48 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**