

BEGA**50 175.2**

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 5,5 mm
 Distance apart 230 mm
 2 cable entries for through-wiring for mains
 cable up to \varnothing 10,5 mm max. 5 x 1.5²
 Connection terminal 2.5²
 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: 3,4 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

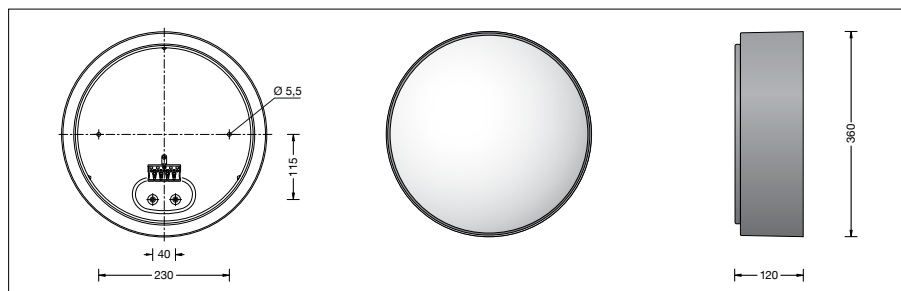
Luminaire data for the light planning program
 DIALux for outdoor lighting, street lighting and
 indoor lighting as well as luminaire data in
 EULUMDAT- and IES-format you will find on the
 BEGA web page www.bega.com.

Lamp

Module connected wattage	26.9 W
Luminaire connected wattage	30 W
Rated temperature	$t_a = 25$ °C
Ambient temperature	$t_{a \max} = 45$ °C

50 175.2 K3

Colour temperature	3000 K
Colour rendering index	CRI > 90
Module luminous flux	3385 lm
Luminaire luminous flux	1643 lm
Luminaire luminous efficiency	54,8 lm/W

**Service life of the LED**

Ambient temperature $t_a = 25$ °C
 – at 171,000h: L70B50
 max. ambient temperature $t_a = 45$ °C
 – at 56,000h: L70B50

Article No. 50 175.2

Interior colour options
 • matt aluminium
 • matt brass
 • matt copper

Code number .2
 Code number .4
 Code number .6