

BEGA**50 676.2**

Ceiling luminaire · downlight for indoor use



Project · Reference number

Date

Product data sheet

Application

Ceiling luminaire downlight · indoor luminaire with aluminium housing for non-glare light deflected downwards.

Product description

Ceiling luminaire downlight »STUDIO LINE«
Luminaire housing made of aluminium, surface Colour velvet black inside hue aluminium matt
Trim ring · Chrome finish
Light-diffusing silicone lens
Reflector made of pure anodised aluminium
2 mounting holes \varnothing 4.5 mm
Distance apart 153 mm
Connecting terminals 2.5[□]
Earth conductor connection
LED power supply unit
220-240 V \sim 0/50-60 Hz
DC 170-280 V
DALI-controllable
Number of DALI addresses: 1
Basic insulation is provided between the mains and control cables
BEGA Thermal Switch®
Temporary thermal shutdown to protect temperature-sensitive components
Safety class I
 – Safety mark
 – Conformity mark
Weight: 1.9 kg
This product contains light sources of energy efficiency class(es) E

Inrush current

Inrush current: 5 A / 50 μ s
Maximum number of luminaires of this type per miniature circuit breaker:

B 10A: 31 luminaires
B 16A: 50 luminaires
C 10A: 52 luminaires
C 16A: 85 luminaires

Lighting technology

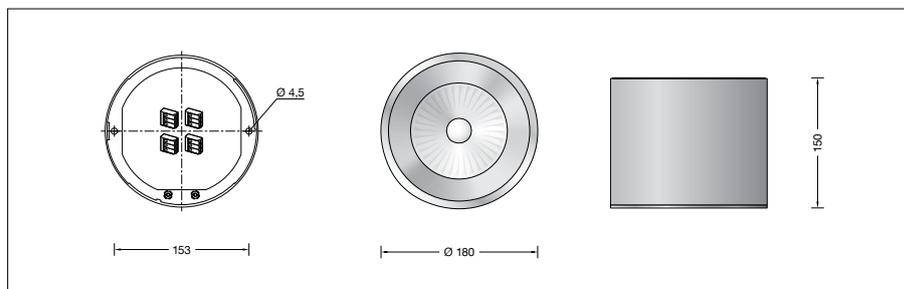
Symmetrical narrow beam light distribution
Half beam angle 35°
Luminaire data for the light planning program DIALux for outdoor lighting, street lighting and indoor lighting, as well as luminaire data in EULUMDAT and IES format are available on the BEGA website at www.bega.com.

Lamp

Module connected wattage	17.2 W
Luminaire connected wattage	19.5 W
Rated temperature	$t_a = 25$ °C
Ambient temperature	$t_{a \max} = 40$ °C

50 676.2 K3

Module designation	LED-0785/930
Colour temperature	3000 K
Colour rendering index	CRI > 90
Module luminous flux	2655 lm
Luminaire luminous flux	1861 lm
Luminaire luminous efficiency	95,4 lm/W



Service life · Ambient temperature

Rated temperature $t_a = 25$ °C	
LED psu:	> 50,000 h
LED module:	> 200,000 h (L 80 B 50) 50,000 h (L 90 B 50)

Ambient temperature max. $t_a = 40$ °C (100 %)

LED psu:	50,000 h
LED module:	195,000 h (L 80 B 50) 50,000 h (L 90 B 50)

BEGA Constant Optics®

BEGA Constant Optics® is an efficient optical system that is virtually impervious to wear and tear. The durable materials used, including glass, pure aluminium and silicone, show no effects of ageing, even under extreme conditions like high temperatures and UV radiation.

Article No. 50 676.2

Interior colour options

- matt aluminium
- matt brass
- matt copper

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

Light distribution

