

BEGA**50 794.2**

Large-area ceiling luminaire for indoor use

Project · Reference number

Date

Product data sheet

Application

Large-area LED ceiling luminaire · indoor
luminaire with high light power and high uniform
light distribution. With metal luminaire shield for
shielded light deflectetd downwards.

Product description

Large-area LED luminaire »STUDIO LINE«
Aluminium housing shield,
velvet white enamel finish,
Inside hue matt aluminium
Metal luminaire mounting plate,
finish white enamel
Light-diffusing synthetic luminaire cover
Silicone gasket
Mounting round plate with 3 fixing holes,
Angle 120° · pitch circle ø 840 mm
and with 3 fixing holes, ø 10 mm on pitch circle
ø 790 mm
Connecting terminals 2.5[□] · Plug system
Earth conductor terminal
LED power supply unit
220-240 V ~ 0/50-60 Hz
DALI controllable
A basic isolation exists between power cable
and control line
Safety class I
CE – Conformity mark
Weight: 34.7 kg

Inrush current

Inrush current: 50 A / 209 µs
Maximum number of luminaires of this
type per miniature circuit breaker:
B 10A: 6 luminaires
B 16A: 10 luminaires
C 10A: 10 luminaires
C 16A: 16 luminaires

Light technique

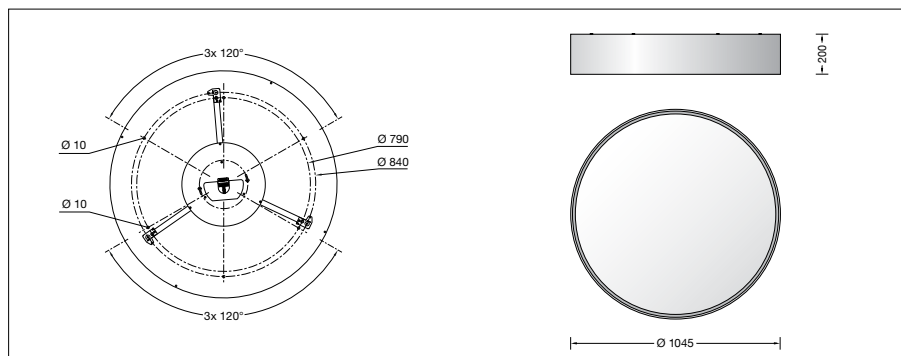
Luminaire data for the light planning program
DIALux for outdoor lighting, street lighting and
indoor lighting as well as luminaire data in
EULUMDAT- and IES-format you will find on the
BEGA web page www.bega.com.

Lamp

Module connected wattage	92.4 W
Luminaire connected wattage	101 W
Rated temperature	t _a = 25 °C
Ambient temperature	t _{a max} = 35 °C

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Module designation	4 x LED-0704/930
Colour temperature	3000 K
Colour rendering index	CRI > 90
Module luminous flux	14960 lm
Luminaire luminous flux	10990 lm
Luminaire luminous efficiency	108,8 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 t _{a max} = 35 °C (100 %)	
LED psu:	50,000 h
LED module:	> 200,000 h (L 80 B 50) 50,000 h (L 90 B 50)

Article No. 50 794.2**Interior colour options**

- white
- matt aluminium
- matt brass
- matt copper

Code number .1
Code number .2
Code number .4
Code number .6