

BEGA**51 076.4**

Recessed ceiling luminaire for indoor use



Project · Reference number

Date

Product data sheet

Application

Recessed ceiling luminaire · indoor luminaire with symmetrical broad spread light distribution and a remote controllable power supply unit. For surface-mounted installation in indoor suspended ceilings of 5-30 mm thickness.

Product description

Recessed ceiling luminaire »STUDIO LINE« with a remote power supply unit
 Luminaire housing made of cast aluminium
 Ceiling trim ring finish, Colour velvet black inside hue matt brass
 Fixing is achieved by using
 2 fastening springs
 Recessed opening \varnothing 141 mm
 Required installation depth 90 mm
 Light-diffusing disc
 External LED power supply unit
 220-240 V \sim 0/50-60 Hz
 DC 176-275 V
 DALI controllable
 A basic isolation exists between power cable and control line
 BEGA Thermal Control®
 Temporary thermal regulation to protect temperature-sensitive components without switching off the luminaire
 Safety class II 
 CE – Conformity mark
 Weight: 0,55 kg
 This product contains light sources of energy efficiency class(es) D

Inrush current

Inrush current: 5 A / 50 μ s
 Maximum number of luminaires of this type per miniature circuit breaker:
 B10A: 31 luminaires
 B16A: 50 luminaires
 C10A: 52 luminaires
 C16A: 85 luminaires

Lighting technology

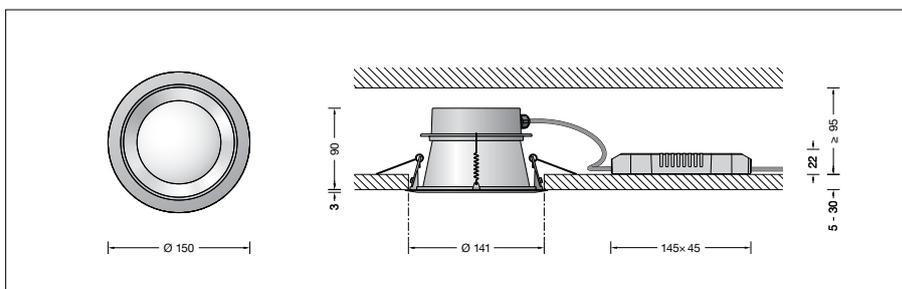
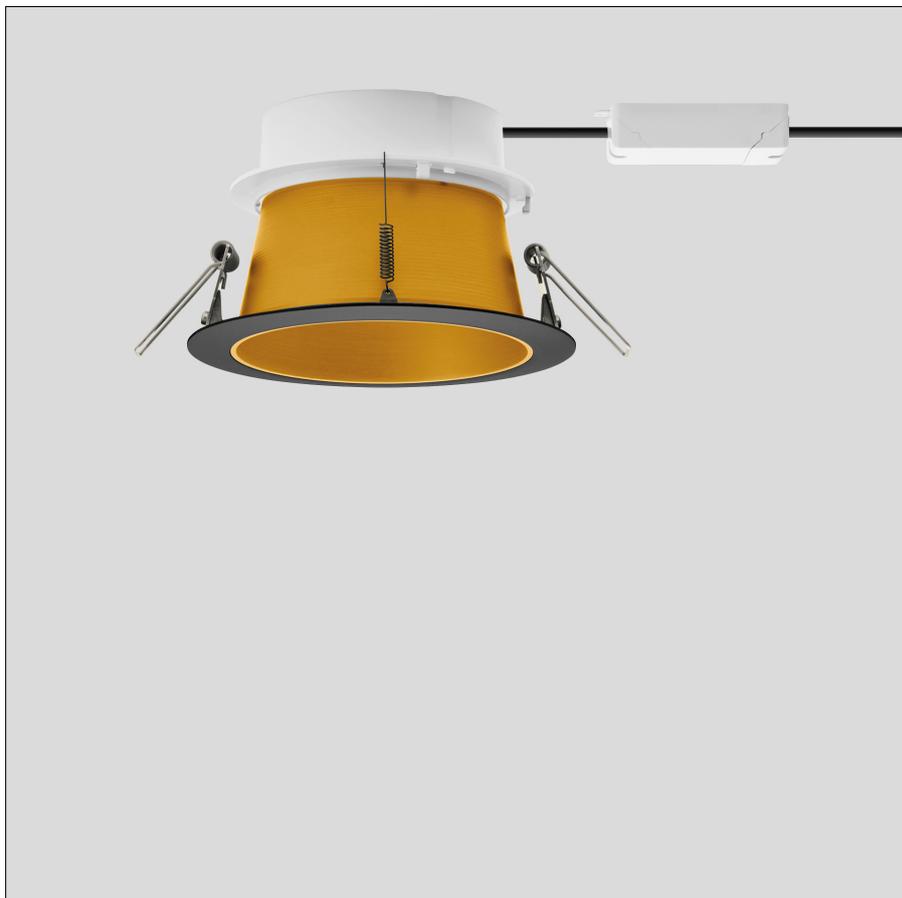
Luminaire data for the DIALux lighting design program for outdoor lighting, street lighting and indoor lighting, as well as luminaire data in EULUMDAT and IES format are available on the BEGA website at www.bega.com.

Lamp

Module connected wattage	17.6 W
Luminaire connected wattage	20 W
Rated temperature	$t_a = 25$ °C
Ambient temperature	$t_{a \max} = 40$ °C

51 076.4 K3

Module designation	LED-0838/930
Colour temperature	3000 K
Colour rendering index	CRI > 90
Module luminous flux	2670 lm
Luminaire luminous flux	1135 lm
Luminaire luminous efficiency	56,8 lm/W



Service life · Ambient temperature

Rated temperature $t_a = 25$ °C	
LED psu:	> 50,000h
LED module:	100,000h (L80B50)
Ambient temperature max. $t_a = 40$ °C (100 %)	
LED psu:	50,000h
LED module:	90,000h (L80B50)

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LED colour temperature optionally 3000 K or 4000 K
 3000 K – Article number + **K3**
 4000 K – Article number + **K4**