

BEGA**50 541.1**

Recessed ceiling luminaire for indoor use



Project · Reference number


Date

Product data sheet

Application

LED recessed ceiling downlight · indoor luminaire with symmetrical wide beam light distribution and an external non-dimmable power supply unit. For installation in suspended ceilings of 1,5-25 mm in interior applications.

Product description

Recessed LED ceiling luminaire with a remote power supply unit
 Luminaire housing made of cast aluminium
 Finish white enamel
 Reflector surface made of pure aluminium
 Light-diffusing disc
 Fixing is achieved by using 2 fastening springs
 Recessed opening \varnothing 144 x 144 mm
 Recessed depth required 80 mm
 External LED power supply unit
 220-240 V \sim 50-60 Hz
 Safety class II 
CE – Conformity mark
 Weight: 0.3 kg

Lighting technology

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

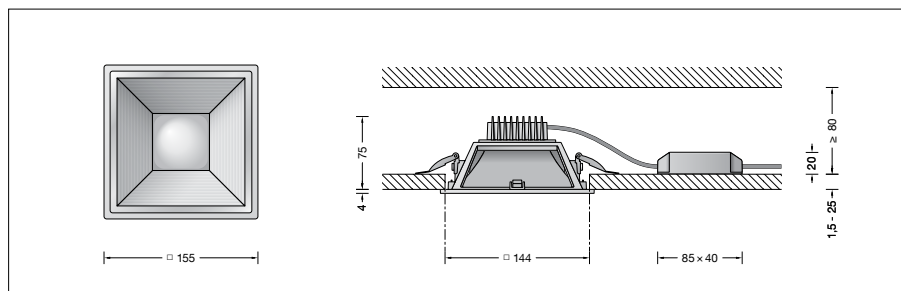
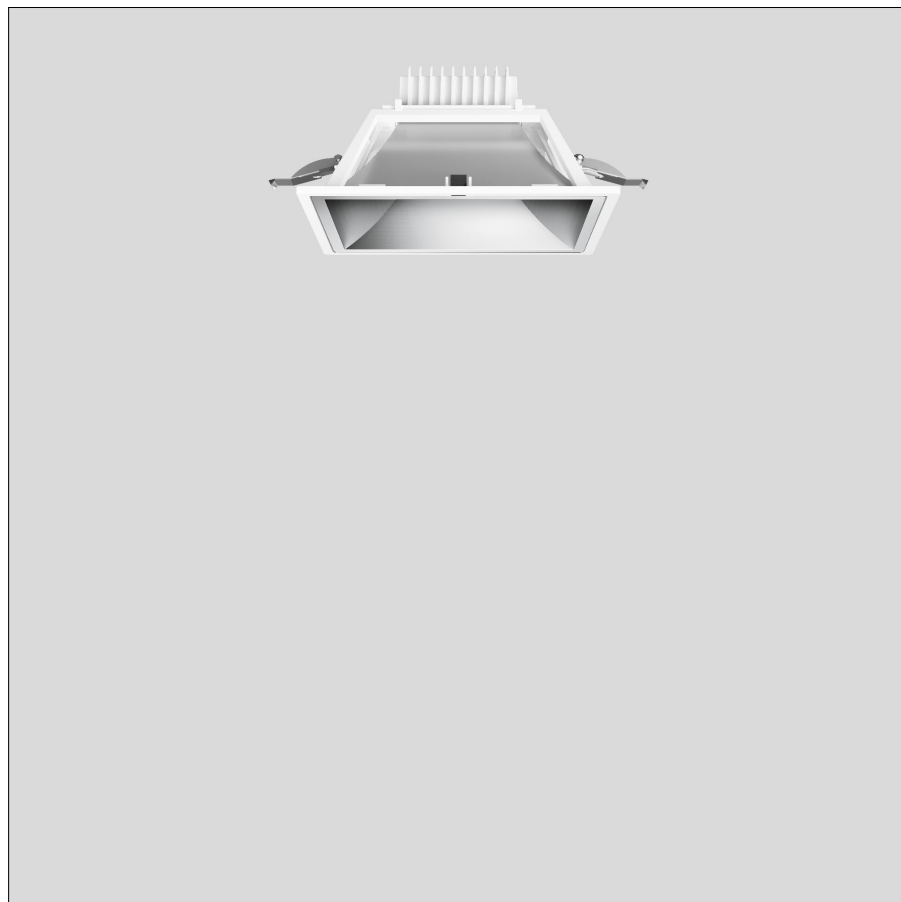
Module connected wattage	7 W
Luminaire connected wattage	8.7 W
Rated temperature	$t_a = 25$ °C
Ambient temperature	$t_{a \max} = 45$ °C
When installed in heat-insulating material	$t_{a \max} = 30$ °C

50 541.1 K3

Module designation	LED-0892/930
Colour temperature	3000 K
Colour rendering index	CRI > 90
Module luminous flux	1015 lm
Luminaire luminous flux	708 lm
Luminaire luminous efficiency	81,4 lm/W

50 541.1 K4

Module designation	LED-0892/930
Colour temperature	4000 K
Colour rendering index	CRI > 90
Module luminous flux	1030 lm
Luminaire luminous flux	718 lm
Luminaire luminous efficiency	82,5 lm/W



Service life of the LED

Ambient temperature $t_a = 25$ °C
 – at 200,000h: L70B50
 max. ambient temperature $t_a = 45$ °C
 – at 190,000h: L70B50

Article No. 50 541.1

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