

BEGA**50 545.1**

Recessed ceiling luminaire for indoor use



Project · Reference number


Date

Product data sheet

Application

Recessed LED-ceiling luminaire · indoor luminaire with asymmetrical wide beam light distribution for connection to external LED 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 166 x 166 mm
 Recessed depth required 95 mm
 External LED power supply unit
 220-240 V \sim 50-60 Hz
 Safety class II 
CE – Conformity mark
 Weight: 0.35 kg

Light technique

Asymmetrical wide beam light distribution

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

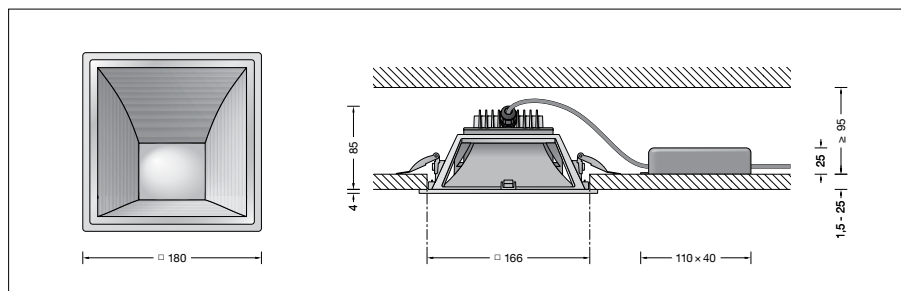
Module connected wattage	14 W
Luminaire connected wattage	17.5 W
Rated temperature	$t_a = 25$ °C
Ambient temperature	$t_{a \max} = 40$ °C

50 545.1 K3

Module designation	LED-0888/930
Colour temperature	3000 K
Colour rendering index	CRI > 90
Module luminous flux	2025 lm
Luminaire luminous flux	1285 lm
Luminaire luminous efficiency	73,4 lm/W

50 545.1 K4

Module designation	LED-0888/940
Colour temperature	4000 K
Colour rendering index	CRI > 90
Module luminous flux	2060 lm
Luminaire luminous flux	1307 lm
Luminaire luminous efficiency	74,7 lm/W



Service life of the LED

Ambient temperature $t_a = 25$ °C
 – at 195,000h: L70B50
 max. ambient temperature $t_a = 40$ °C
 – at 160,000h: L70B50

Article No. 50 545.1

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

Optional finishes

- White enamel code number **.1**
- Stainless steel code number **.2**
- Chrome code number **.3**