

BEGA**50 513.1**

Ceiling luminaire · downlight for indoor use



Project · Reference number



Date

Product data sheet

Application

LED ceiling luminaire downlight · indoor
luminaire with wide beam light distribution.

Product description

Luminaire housing made of cast aluminium,
velvet white enamel finish
Crystal glass, partially satin matt,
with screw neck
Reflector made of pure anodised aluminium
2 mounting holes \varnothing 4.5 mm
Distance apart 112 mm
The luminaire is suitable for through-wiring.
Connecting terminals 2.5[□]
Earth conductor connection
LED power supply unit
220-240 V \sim 0/50-60 Hz
DALI controllable
A basic isolation exists between power cable
and control line
Safety class I
 – Safety mark
 – Conformity mark
 Weight: 1.7 kg

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

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

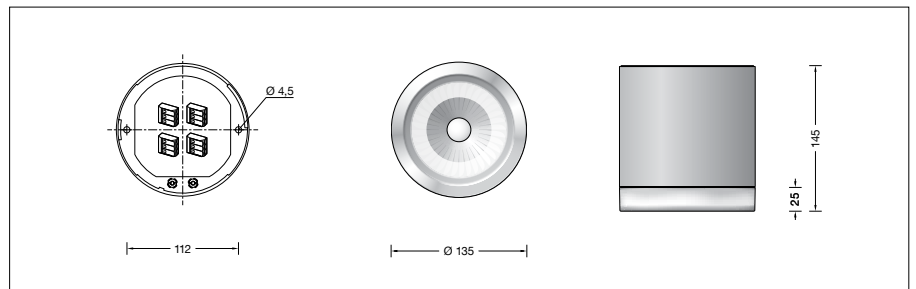
Module connected wattage	11.5 W
Luminaire connected wattage	13.7 W
Rated temperature	$t_a = 25$ °C
Ambient temperature	$t_{a \max} = 30$ °C

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Module designation	LED-0800/930
Colour temperature	3000 K
Colour rendering index	CRI > 90
Module luminous flux	1735 lm
Luminaire luminous flux	1151 lm
Luminaire luminous efficiency	84 lm/W

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Module designation	LED-0800/940
Colour temperature	4000 K
Colour rendering index	CRI > 90
Module luminous flux	1760 lm
Luminaire luminous flux	1168 lm
Luminaire luminous efficiency	85,3 lm/W



Service life · Ambient temperature

Ambient 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 $t_a = 30$ °C	
LED psu:	50,000 h
LED module:	> 200,000 h (L 80 B 50) 50,000 h (L 90 B 50)

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

Optional finishes

- Velvet white enamel with code number **.1**
- Stainless steel with code number **.2**