BEGA

50 140.2

Wall luminaire for indoor use

⬙10 ⬙

Project · Reference number	Date

Product data sheet

Application
Free-radiating wall wall luminaire · indoor luminaire made of hand-blown opal glass, satin matt and metal housing.
The character of the three-ply opal glass creates a smooth and uniform light distribution in the room.

Product description
Glass holder made of matt brushed aluminium
Hand-blown opal glass, satin matt
2 mounting holes ø 6 mm
Distance apart 197 mm
Connection terminal 2.5 □
Earth conductor connection
Installation surface 545 x 35 mm
2-pole connecting terminal for
digital control
LED power supply unit
220-240 V ∼ 0/50-60 Hz
DC 176-264 V
DALI-controllable
Basic insulation is provided between the mains and control cables
BEGA Thermal Control®
Temporary thermal regulation to protect temperature-sensitive components without switching off the luminaire
Safety class I
⬙10 ⬙ – Safety mark
CE – Conformity mark
Weight: 2.3 kg
This product contains light sources of energy efficiency class(es) C, D

Inrush current
Inrush current: 5 A / 50 µs
Maximum number of luminaires of this type per miniature circuit breaker:
B 10 A: 31 luminaires
B 16 A: 50 luminaires
C 10 A: 52 luminaires
C 16 A: 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.

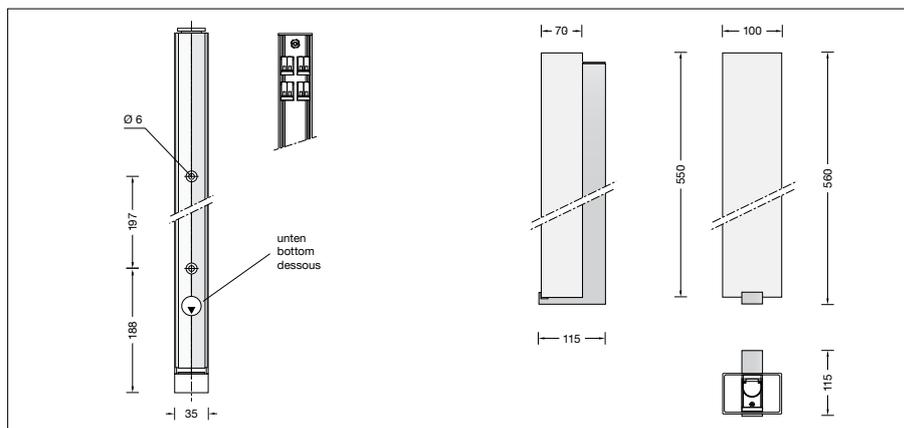### Lamp
Module connected wattage	19.2 W
Luminaire connected wattage	22.6 W
Rated temperature	$t_a = 25\ °C$
Ambient temperature	$t_{a\ max} = 45\ °C$

50 140.2 K3
Module designation	2x LED-0783/930
Colour temperature	3000 K
Colour rendering index	CRI > 90
Module luminous flux	3150 lm
Luminaire luminous flux	1864 lm
Luminaire luminous efficiency	82,5 lm/W

50 140.2 K4
Module designation	2x LED-0783/940
Colour temperature	4000 K
Colour rendering index	CRI > 90
Module luminous flux	3340 lm
Luminaire luminous flux	1976 lm
Luminaire luminous efficiency	87,4 lm/W

Service life · Ambient temperature
Rated temperature $t_a = 25\ °C$
LED psu:	> 50,000 h
LED module:	> 200,000 h (L80 B50)
	50,000 h (L90 B50)

Ambient temperature max. $t_a = 45\ °C$ (100 %)
LED psu:	50,000 h
LED module:	> 200,000 h (L80 B50)
	50,000 h (L90 B50)

Article No. 50 140.2
LED colour temperature optionally 3000 K or 4000 K
3000 K – Article number + **K3**
4000 K – Article number + **K4**