BEGA

50 400.1

Pendant luminaire for indoor use

⊠05

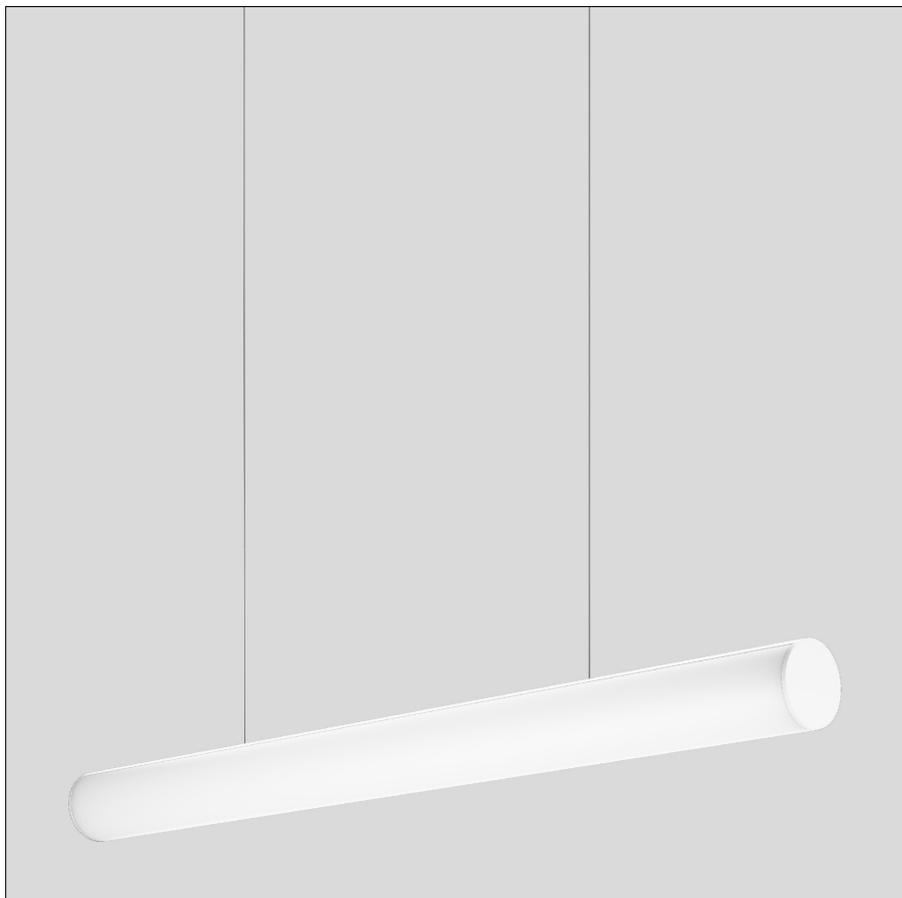| Project · Reference number	Date

Product data sheet

Application
Pendant luminaire · Indoor luminaire with impact-resistant synthetic cover and aluminium housing.
A luminaire with unshielded and uniform light distribution.
Bands of light of different lengths can be created by installing single luminaires in rows for linear indoor illumination.

Product description
Luminaire housing made of aluminium, finish Colour white
Light-diffusing synthetic luminaire cover
Mounting plate with 2 fixing holes ø 4.5 mm · 42 mm spacing
White flex suspension 5 x 0,75□
Steel wire suspension
Overall length of luminaire approx. 2000 mm
Connection terminal 2.5□
Earth conductor connection
LED power supply unit
220-240 V ∼ 0/50-60 Hz
DC 176-276 V
During DC operation the LED power is reduced to 15 %
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
⊠05 – Safety mark
CE – Conformity mark
Weight: 3.2 kg
This product contains light sources of energy efficiency class(es) D

Inrush current
Inrush current: 53 A / 200 µs
Maximum number of luminaires of this type per miniature circuit breaker:
B 10 A: 8 luminaires
B 16 A: 13 luminaires
C 10 A: 8 luminaires
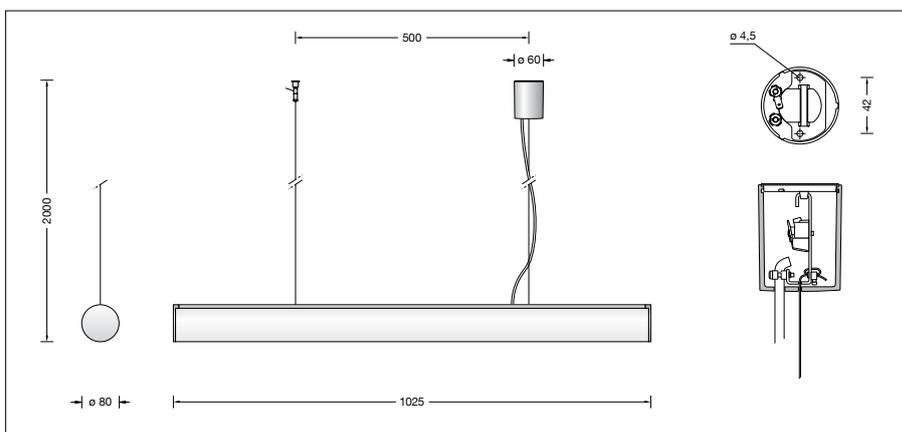C 16 A: 13 luminaires

Lamp
Module connected wattage	63.8 W
Luminaire connected wattage	73 W
Rated temperature	$t_a = 25\,°C$
Ambient temperature	$t_{a\,max} = 35\,°C$

50 400.1 K3
Module designation
4x LED-0694/930 + 2x LED-0853/930
Colour temperature	3000 K
Colour rendering index	CRI > 90
Module luminous flux	10240 lm
Luminaire luminous flux	8108 lm
Luminaire luminous efficiency	111,1 lm/W

50 400.1 K4
Module designation
4x LED-0694/940 + 2x LED-0853/940
Colour temperature	4000 K
Colour rendering index	CRI > 90
Module luminous flux	10830 lm
Luminaire luminous flux	8575 lm
Luminaire luminous efficiency	117,5 lm/W

Service life · Ambient temperature
Rated temperature $t_a = 25\,°C$
LED psu:	> 50,000 h
LED module:	138,000 h (L80 B50)
	50,000 h (L90 B50)

Ambient temperature max. $t_a = 35\,°C$ (100 %)
LED psu:	50,000 h
LED module:	76,000 h (L80 B50)

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.

Article No. 50 400.1
LED colour temperature optionally 3000 K or 4000 K
3000 K – Article number + **K3**
4000 K – Article number + **K4**

Finish options
• White	Code number **.1**
• Aluminium, matt	Code number **.2**