BEGA

99 458

Pendant luminaire for catenary systems

IP 66

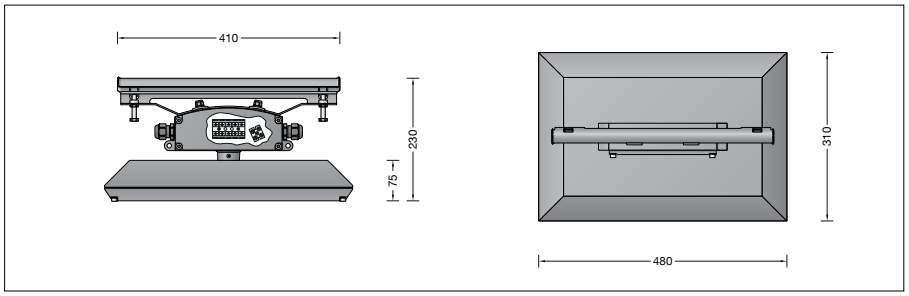
Project · Reference number

Date

Product data sheet

Application
LED pendant luminaire with symmetrical flat beam light distribution for use with catenary systems. Their light distribution is especially suitable for illuminating streets according to DIN EN 13 201.
The cable hanger system of the luminaire is suitable for transverse suspension systems and longitudinal chain systems.

Product description
Luminaire made of aluminium alloy, aluminium and stainless steel
BEGA Unidure® coating technology
Safety glass, antireflection-coated
Silicone gasket
Reflector made of pure anodised aluminium
Cable hanger for tension cable of ø 5 mm to ø 12 mm with suspending bracket and cable clamp
Thrust screws M8 and lock nuts are made of stainless steel – grade No 1.4301
Horizontal infinitely adjustable ± 5°
Vertical infinitely adjustable 360°
Connection box with cable entries for through-wiring of mains supply cable ø 10-14 mm
max. 5 × 2,5□
LED power supply unit
220-240 V ∿ 0/50-60 Hz
DC 176-264 V
DALI controllable
A basic isolation exists between power cable and control line
BEGA Thermal Control®
Temporary thermal regulation to protect temperature-sensitive components without switching off the luminaire
Safety class I
Protection class IP 66
Dust-tight and protection against strong water jets
Impact strength IK08
Protection against mechanical impacts < 5 joule
– Safety mark
CE – Conformity mark
Wind catching area: 0.065 m²
Weight: 8.2 kg



Inrush current
Inrush current: 5 A / 100 µs
Maximum number of luminaires of this type per miniature circuit breaker:
B 10 A: 35 luminaires
B 16 A: 56 luminaires
C 10 A: 35 luminaires
C 16 A: 56 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	31.2 W
Luminaire connected wattage	34.6 W
Rated temperature	t_a = 25 °C
Ambient temperature	$t_{a\,max}$ = 60 °C

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Module designation	4x LED-0363/840
Colour temperature	4000 K
Colour rendering index	CRI > 80
Module luminous flux	6180 lm
Luminaire luminous flux	5173 lm
Luminaire luminous efficiency	149,5 lm/W

99 458 K3

Module designation	4x LED-0363/830
Colour temperature	3000 K
Colour rendering index	CRI > 80
Module luminous flux	6020 lm
Luminaire luminous flux	5039 lm
Luminaire luminous efficiency	145,6 lm/W

Service life · Ambient temperature
Rated temperature t_a = 25 °C
LED psu: > 50,000 h
LED module: > 200,000 h (L 80 B 50)
100,000 h (L 90 B 50)

Ambient temperature $t_{a\,max}$ = 60 °C (100 %)
LED psu: 50,000 h
LED module: 112,000 h (L 80 B 50)

Article No. 99 458
LED colour temperature optionally 4000 K or 3000 K
4000 K – Article number + **K4**
3000 K – Article number + **K3**

Light distribution