BEGA

Light design element

77 731

⧉10 ⧉ IP 65

Project · Reference number	Date

Product data sheet

Application

Light design element to structure and divide surfaces and squares in public and private areas.
Symmetrical broad spread light distribution below the horizontal plane.

Product description

The luminaire consists of aluminium profiles, cast aluminium and stainless steel
Matt safety glass
2 Mounting plates with 2 elongated holes, width 10 mm, 250 mm spacing
Connection box with cable entries for through-wiring of mains supply cable up to ø 18 mm max. 5 × 2.5$^\square$
Connecting terminal 5 × 4$^\square$
LED power supply unit
220-240 V ⏦ 0/50-60 Hz
DC 176-280 V
DALI controllable
A basic isolation exists between power cable and control line
Safety class I
Protection class IP 65
Dust-tight and protection against water jets
Impact strength IK08
Protection against mechanical impacts < 5 joule
⧉10 ⧉ – Safety mark
CE – Conformity mark
Weight: 19.0 kg

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

Lamp

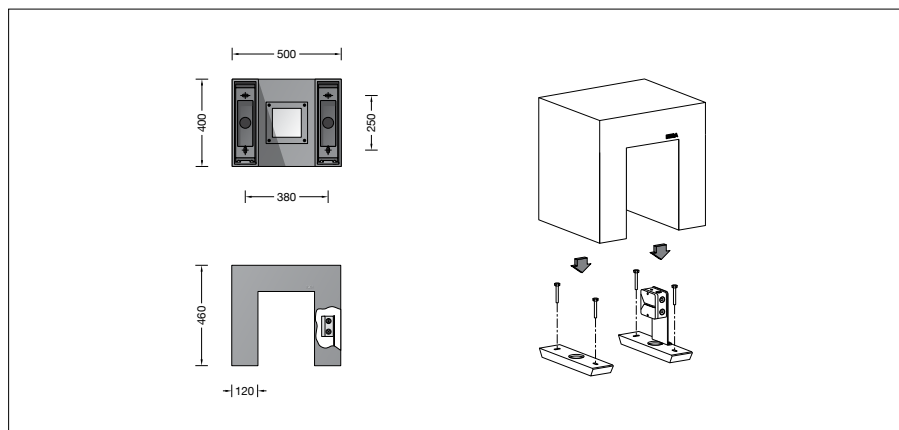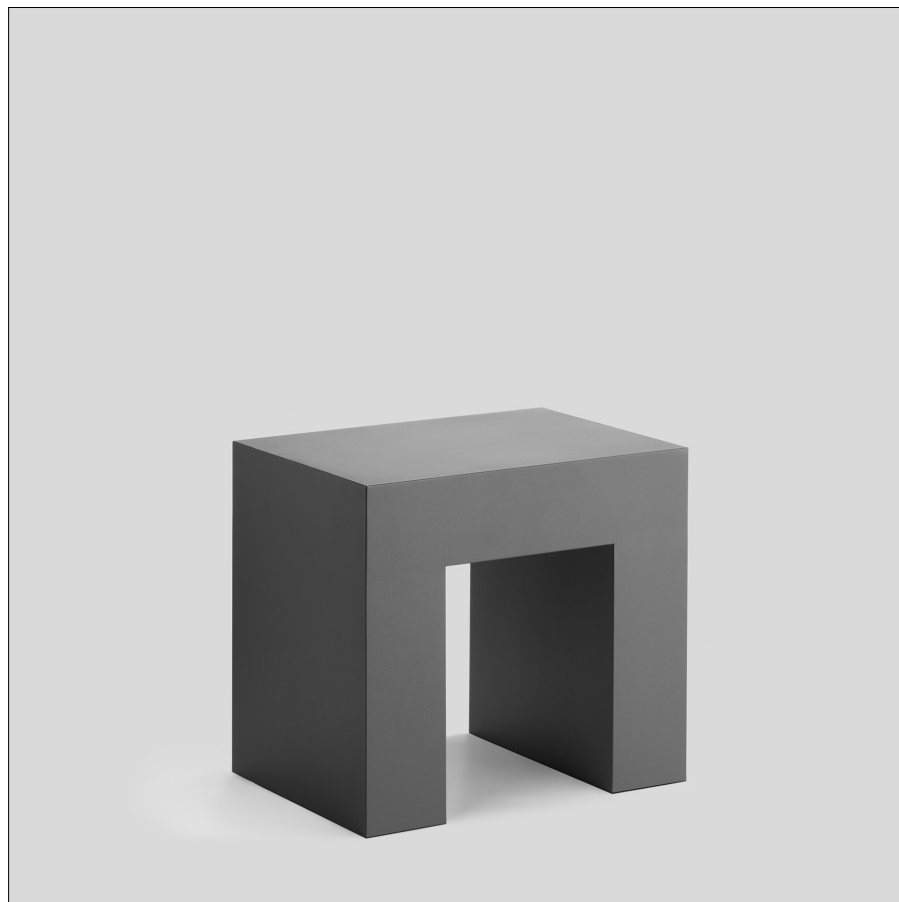|	
Module connected wattage	5.6 W
Luminaire connected wattage	7.4 W
Rated temperature	t_a = 25 °C
Ambient temperature	$t_{a\,max}$ = 40 °C

On request we can offer you modifications for enviroments with higher temperatures as a customized product.

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Module designation	LED-0357/830
Colour temperature	3000 K
Colour rendering index	CRI > 80
Module luminous flux	1165 lm
Luminaire luminous flux	554 lm
Luminaire luminous efficiency	74,9 lm / W

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Module designation	LED-0357/840
Colour temperature	4000 K
Colour rendering index	CRI > 80
Module luminous flux	1195 lm
Luminaire luminous flux	574 lm
Luminaire luminous efficiency	77,6 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)
                  100,000 h (L 90 B 50)

Ambient temperature t_a = 40 °C
LED psu: 50,000 h
LED module: > 200,000 h (L 80 B 50)
                  100,000 h (L 90 B 50)

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.

Article No. 77 731

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

Colour graphite or silver
graphite – article number
silver – article number + **A**