

BEGA**77 730**

Light design element



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 \varnothing 18 mm max. 5×2.5^2
 Connecting terminals 5×4^2
 Earth conductor connection
 LED power supply unit
 220-240 V \sim 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
 – Safety mark
 – Conformity mark
 Weight: 34.0 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

Lamp

Module connected wattage	5.6 W
Luminaire connected wattage	14.8 W
Rated temperature	$t_a = 25^\circ\text{C}$
Ambient temperature	$t_{a, \text{max}} = 40^\circ\text{C}$

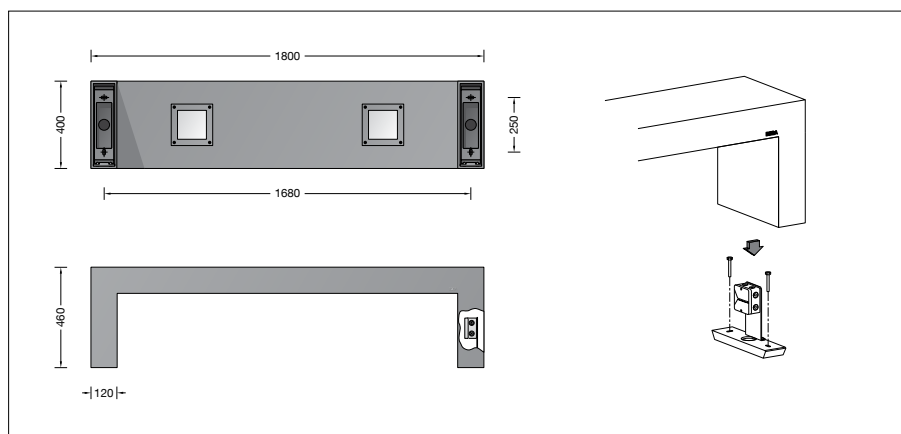
On request we can offer you modifications for environments with higher temperatures as a customized product.

77 730 K3

Module designation	2x LED-0357/830
Colour temperature	3000 K
Colour rendering index	CRI > 80
Module luminous flux	2330 lm
Luminaire luminous flux	1108 lm
Luminaire luminous efficiency	74,9 lm/W

77 730 K4

Module designation	2x LED-0357/840
Colour temperature	4000 K
Colour rendering index	CRI > 80
Module luminous flux	2390 lm
Luminaire luminous flux	1148 lm
Luminaire luminous efficiency	77,6 lm/W



Service life · Ambient temperature

Ambient temperature $t_a = 25^\circ\text{C}$	
LED psu:	> 50,000 h
LED module:	> 200,000 h (L 80 B 50)
	100,000 h (L 90 B 50)

Ambient temperature $t_a = 40^\circ\text{C}$	
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. 77 730

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**