


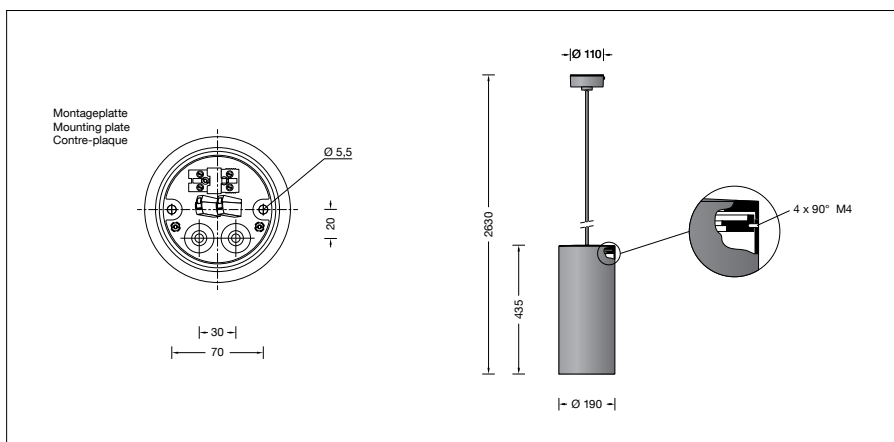
**BEGA****24 507**

Pendant luminaire

 **05** IP 65



Project · Reference number

Date



## Product data sheet

### Product description

Luminaire made of aluminium alloy, aluminium and stainless steel  
 BEGA Unidure® coating technology  
 Safety glass with optical structure  
 Reflector made of pure anodised aluminium  
 4 drilled holes with thread M4 to which tension cables preventing pendulum movement can be fixed  
 Mounting plate with 2 fixing holes  $\varnothing$  5.5 mm · 70 mm spacing  
 2 cable entries for through-wiring of mains supply cable  $\varnothing$  7-10.5 mm, max. 5 G 1.5<sup>□</sup>  
 Cable pendant H05RN-F 5 G 1<sup>□</sup> with 2 steel cords · Colour black  
 Connecting terminal 2.5<sup>□</sup> with plug connection  
 Earth conductor connection  
 BEGA Ultimate Driver®  
 LED power supply unit  
 220-240 V  $\sim$  0/50-60 Hz  
 DC 176-264 V  
 DALI-controllable  
 Number of DALI addresses: 1  
 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  
 Protection class IP 65  
 Dust-tight and protection against water jets  
 Impact strength IK06  
 Protection against mechanical impacts < 1 joule  
 **05** – Safety mark  
 – Conformity mark  
 Weight: 5.6 kg  
 This product contains light sources of energy efficiency class(es) C

### Application

Pendant with shielded light for mounting in arcades, galleries and passageways.  
 An integral reflector unit directs the light downwards in a rotationally symmetrical wide beam.  
 When installed in exterior applications, the luminaire must be protected from constant pendulum movement due to wind.

### Lamp

Module connected wattage	35.3 W
Luminaire connected wattage	39 W
Rated temperature	$t_a = 25^\circ\text{C}$
Ambient temperature	$t_{a\text{ max}} = 35^\circ\text{C}$

### 24 507 K3

Module designation	LED-0770/830
Colour temperature	3000 K
Colour rendering index	CRI > 80
Module luminous flux	6675 lm
Luminaire luminous flux	4294 lm
Luminaire luminous efficiency	110,1 lm/W

### 24 507 K4

Module designation	LED-0770/840
Colour temperature	4000 K
Colour rendering index	CRI > 80
Module luminous flux	6865 lm
Luminaire luminous flux	4416 lm
Luminaire luminous efficiency	113,2 lm/W

### 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](http://www.bega.com).

### Service life · Ambient temperature

Rated 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 max. $t_a = 35^\circ\text{C}$ (100 %)	
LED psu:	50,000 h
LED module:	138,000 h (L 80 B 50)

Ambient temperature max. $t_a = 50^\circ\text{C}$ (72 %)	
LED psu:	> 50,000 h
LED module:	> 50,000 h (L 70 B 50)

BEGA Thermal Control® protects temperature-sensitive luminaire components by temporarily limiting the nominal power at high temperatures.

### Inrush current

Inrush current: 5 A / 100  $\mu\text{s}$   
 Maximum number of luminaires of this type per miniature circuit breaker:  
 B 10 A: 28 luminaires  
 B 16 A: 45 luminaires  
 C 10 A: 28 luminaires  
 C 16 A: 48 luminaires

### Article No. 24 507

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

### Light distribution

