

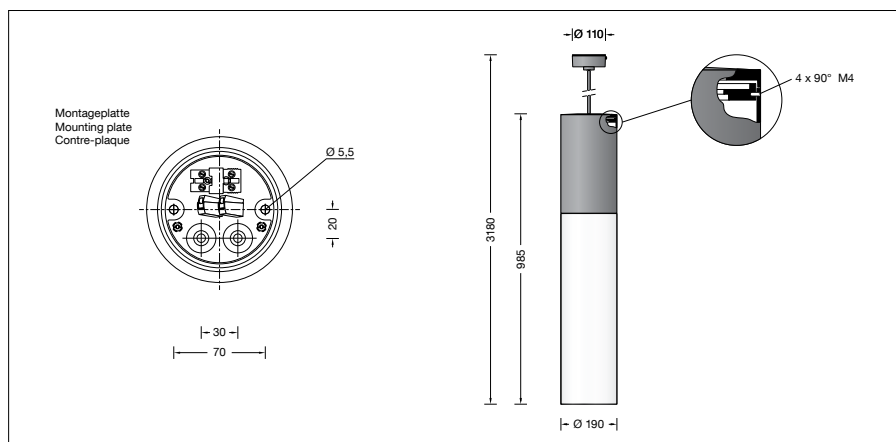
BEGA**24 508**

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
Synthetic diffuser, clear
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 Ø 5.5 mm · 70 mm spacing
2 cable entries for through-wiring of mains
supply cable Ø 7-10.5 mm, max. 5 G 1.5²
Cable pendant H05RN-F 5 G 1²
with 2 steel cords · Colour black
Connecting terminal 2.5²
with plug connection
Earth conductor connection
BEGA Ultimate Driver®
LED power supply unit
220-240 V ~ 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 IK07
Protection against mechanical
impacts < 2 joule
 05 – Safety mark
CE – Conformity mark
Weight: 7.0 kg
This product contains light sources of energy
efficiency class(es) C

Application

Pendant with symmetrical broad spread light
distribution 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	$t_{a\text{ max}} = 35^\circ\text{C}$

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Module designation	LED-0770/830
Colour temperature	3000 K
Colour rendering index	CRI > 80
Module luminous flux	6675 lm
Luminaire luminous flux	4724 lm
Luminaire luminous efficiency	121,1 lm/W

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Module designation	LED-0770/840
Colour temperature	4000 K
Colour rendering index	CRI > 80
Module luminous flux	6865 lm
Luminaire luminous flux	4859 lm
Luminaire luminous efficiency	124,6 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.

Inrush current

Inrush current: 5 A / 100 μs
Maximum number of luminaires of this
type per miniature circuit breaker:
B 10A: 28 luminaires
B 16A: 45 luminaires
C 10A: 28 luminaires
C 16A: 48 luminaires

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:	> 200,000 h (L 80 B 50) 100,000 h (L 90 B 50)

Ambient temperature max. $t_a = 50^\circ\text{C}$ (70 %)	
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.

Article No. 24 508

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

Light distribution

