

BEGA**84 642**

Bollard head



Project · Reference number

Date

Product data sheet

Application

Bollard head with shielded light. Light exit 360°. The light is deflected by means of a conical reflector onto the surface to be illuminated. For usage in the modular LED bollard concept.

Product description

Luminaire made of cast aluminium, aluminium and stainless steel
 BEGA Unidure® coating technology
 Borosilicate glass
 Silicone gasket
 All-side light output 360°
 Connecting cable X05BQ-F 5 G 1[□]
 Cable length 1,2 m
 LED power supply unit
 220-240 V ~ 0/50-60 Hz
 DC 176-280 V
 DC Start ≥ 190 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 65
 Dust-tight and protection against water jets
 Impact strength IK09
 Protection against mechanical impacts < 10 joule
 – Safety mark
 – Conformity mark
 Weight: 4.8 kg

Lamp

Module connected wattage	31.2 W
Luminaire connected wattage	35.5 W
Rated temperature	$t_a = 25\text{ °C}$
Ambient temperature	$t_{a\text{ max}} = 45\text{ °C}$

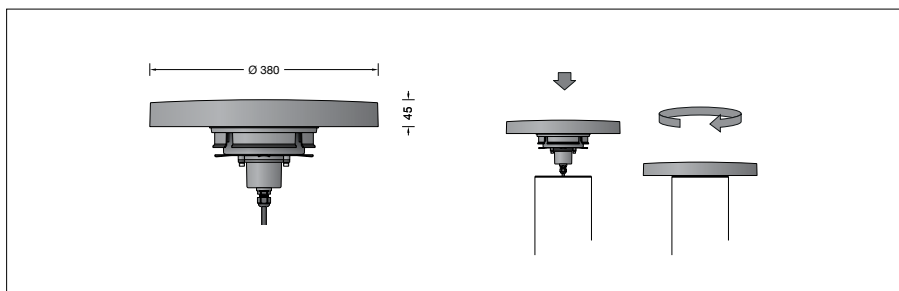
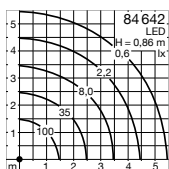
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Module designation	4x LED-0751/830
Colour temperature	3000 K
Colour rendering index	CRI > 80
Module luminous flux	6180 lm
Luminaire luminous flux	4558 lm
Luminaire luminous efficiency	128,4 lm/W

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Module designation	4x LED-0751/840
Colour temperature	4000 K
Colour rendering index	CRI > 80
Module luminous flux	6020 lm
Luminaire luminous flux	4679 lm
Luminaire luminous efficiency	131,8 lm/W

Light distribution



Service life · Ambient temperature

Rated temperature $t_a = 25\text{ °C}$	
LED psu:	> 50,000 h
LED module:	> 200,000 h (L 80 B 50) 100,000 h (L 90 B 50)
Ambient temperature $t_{a\text{ max}} = 45\text{ °C}$ (100 %)	
LED psu:	50,000 h
LED module:	> 200,000 h (L 80 B 50) 100,000 h (L 90 B 50)

Inrush current

Inrush current: 25 A / 177 μ s
 Maximum number of luminaires of this type per miniature circuit breaker:

B 10 A:	19 luminaires
B 16 A:	31 luminaires
C 10 A:	32 luminaires
C 16 A:	53 luminaires

Article No. 84 642

LED colour temperature optionally 3000K or 4000K

3000 K – Article number + **K3**
 4000 K – Article number + **K4**

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

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.