

Bottlelight Pendant lamp for Wine, Champagne and Beer bottles

Our Bottlelight pendant lamp module BOT01-V3 fits in all empty standard Wine, Champagne, most beer bottles, as well as into other bottles which have an inner bottleneck diameter of 16,5 - 22 mm (0.67-0.87 Inch).

The lamp module easily insertable into a bottle through its bottleneck, and by pulling it back it gets automatically safely arrested within the bottle by a patented mechanism. Advantageously the bottle does not need to become modified in any way. Similarly, the bottle may also become disconnected or replaced. No tools are needed.

As the glass bottle gets warmed up by the lamp, we cannot guarantee that an unknown bottle wouldn't crack. Therefore, for safety reasons the lamp must not be installed above any person area, except using Bottlelight Company approved bottles.

The lamp emits smooth all over the inside of the bottle.

LED-Light colours

3000K ▲	800 Lumen @ 1 A (6W)
5000K ▲	800 Lumen @ 1 A

With an exchangeable LED module, highly efficient, 140 lm/W

6 W, input current 0-1000 mA, dimmable, low voltage 5,5-6 VDC

800 Lumen @ 1000 mA (6 W) – 300 Lumen @ 350mA (2W)

Light colour 3000 K (warm white) or 5000 K (cold white)

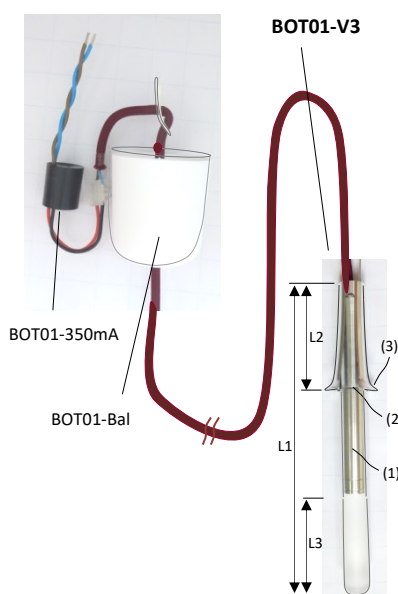
LED-endurance > 55.000 h = 18,8 years * 8 hours/day




Art.-No./Model	Description	EAN Code
BOT01-V3-xx-350mA	LED Pendant Lamp Insert with 6W LED module (3000K), 3m cable (a cable „xx“ has to be indicated) power-adapter (input 100-240 VAC, output 350mA DC), cable cup and cable holding elements.	0610098499947
BOT01-V3-xx	LED Pendant Lamp Insert with 6W LED module (3000K), 3m cable (a cable „xx“ has to be indicated) (without power-adapter and cable cup)	
BOT01-V3-3000 / 5000	LED module 6 W dimmable 3000 K or 5000 K (to be indicated) for our LED Pendant Lamp Insert	
BOT01-350mA	Power-adapter 3W, SELV, IP20, Input 100-240VAC 50/60Hz, Output 350 mA @3-10 V	
BOT01-700mA	Power-adapter 9W, SELV, IP65, Input 100-240VAC 50/60Hz, Output 700 mA @3-10 V	
BOT01-Bal	Cable cup of metal, painted or chromed, as accessory for the Pendant Lamp Insert	

xx	cable model		colour	
Tr	Silicon-cable	2x0,75mm ²	transparent	
Gr	Textile cable	2x0,75mm ²	grey	
Bo	Textile cable	2x0,75mm ²	bordeaux	

The package does not include any bottle, but it can be ordered separately.



Technical Data - Pendant lamp insert BOT01-V3 for glass bottles

Device type	LED pendant lamp insert for insertion into empty glass bottles through their bottle neck and for locking it in the bottle.
Dimensions	L1= 185 mm; L2= 50mm; L3= 65mm (±5mm); Ø 16,5 ±0,1 mm
Spring clamp (3)	during insertion Ø 16,5 mm, after insertion locked 24,9 ±0,1 mm
Cable connector part (2)	Aluminium socket with cable retention for cables with Ø 5-7 mm, with two electrical contact clamps for AWG 18-24 wires, Reverse polarity protection by means of a short-circuit diode and short-circuit in case of a wrong polarity connection.
LED module (1)	replaceable lamp module suitable to be screwed onto the cable connector (2), made of aluminium with PMMA, emits unfocussed light with a beam angle of approx. 160° (80%); integrated 6 W LED, dimmable, light colour 3000 K, R80, 143 lm/W; MacAdam ellipse (3-step), (x/y) = (0.4338 / 0.4030) maximum 1000 mA (@ 5.5-6V); short time 3 A for <1s.
LED module (1) spare part	as above, with light colour 3000K or optionally 5000K, R80;
LED lifetime	> 55.000 hours (=> 18,8 years x 8 hours/day)
LED light intensity	ca. 800 lm @ 1000 mA (6 W) ca. 560 lm @ 700 mA (3,9 W) ca. 300 lm @ 350mA (1,9 W)
LED module temperature	≤ 90 °C (≤ 80 °C at the cable connector) @ 6 W in a bottle normally 60 °C at the cable connector @ 700 mA
Ambient temperature	-40° .. +50°C
Safety class	SK  Low voltage, the metal casing is connected to GND.
Safety	The device may only be operated with SELV Power-Adapters !!!
Cable length	3 m; AWG 18-20, two-wire, cable with textile or silicon
Weight with cable	330 g
Materials	Aluminium, Acrylic glass, electronic components, cable (PVC/Silicon)
Bottle weight	maximum 1,3 kg
Environment protection	IP 50 (no splash water allowed), for indoor use only.
Certifications	CE-Declaration of Conformity 2021-02-22; EN 62031:2020-08; EN60598-1/-2; EN 55015:2014; EN 61000; EN 61547:2019-02; EG 2014/35/EG, EG2011/65 (RoHS), EG 1907/2006 (REACH).
Guaranty	2 years
Customs tariff number	9405-9900

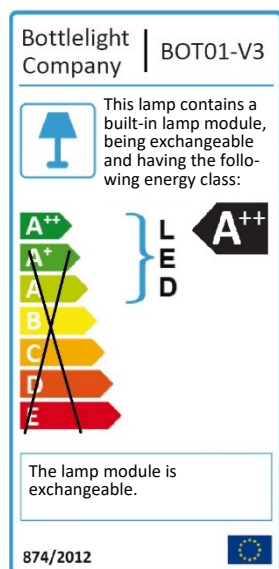
ATTENTION: The pendant lamp insert heats up and must be sufficiently ventilated or used in contact with a glass bottle as a heat sink. The pendant lamp insert conducts its heat to the glass bottle. The manufacturer cannot give any guarantee or liability, in case the attached for the manufacture unknown bottle cracks and falls off said lamp insert. **Because of the foresaid and for safety reasons, said pendant lamp must not be placed above any person area.** An installation may only be carried out by a person skilled in the art, wherein our installation instructions must be followed. Otherwise, an approved bottle from the Bottlelight Company can be used. **Only CE-approved safety power supplies of SELV category with a current output may be used!**

Technical data - Power Supply model BOT01-350mA, suitable to BOT01-V3

Input: 100-240 VAC, 50/60 Hz; Current output: 350 mA (3-10.5 V); 3 W, not dimmable. Efficiency: > 74%; Protection class SKII, SELV; IP20; short circuit and over temperature proof; Dimensions: 37 x 26 x 21 mm³; Weight 41 g.

Technical data - Power Supply model BOT01-700mA, suitable to BOT01-V3

Input: 100-240 VAC, 50/60 Hz; Current output: 700 mA (3-10.5 V); 9 W, not dimmable. Efficiency:> 74%; Protection class SKII, SELV; IP65; short circuit and over temperature proof; Dimensions: Ø 52 H 22.5 mm; Weight 89 g.



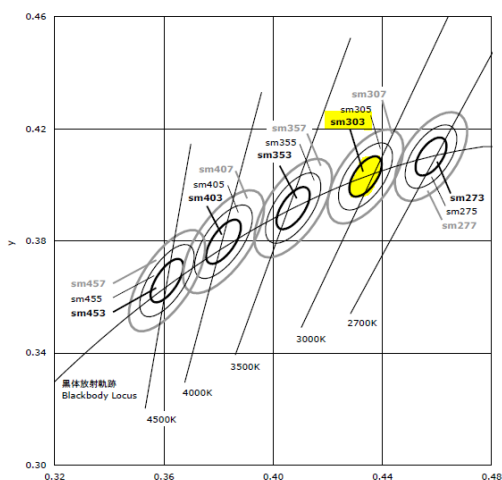


ATTACHMENT - Additional TECHNICAL DATA -

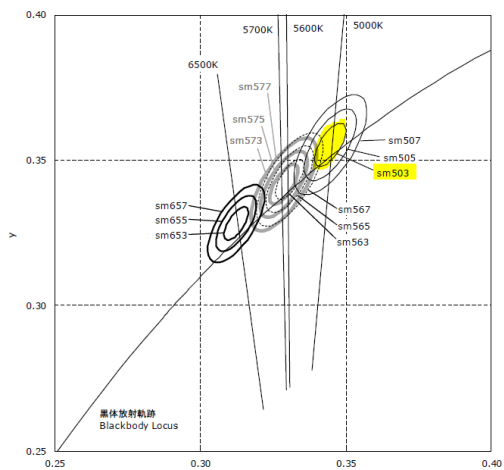
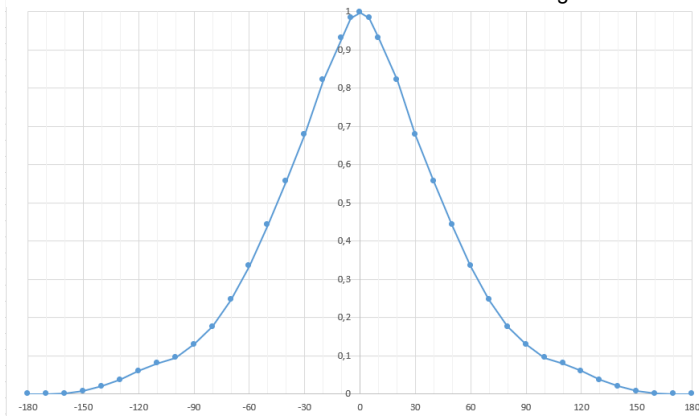
lifetime: at Ts 85°C, 8,4W: L70: > 55.000 h; L80: >55.000 h; L90: >55.000 h
 at Ts 105°C, 8,4W: L70: > 55.000 h; L80: >55.000 h; L90: 38.100 h
 at Ts 120°C, 8,4W: L70: > 55.000 h; L80: 37.700 h; L90: 17.700 h (Extreme charge > 6 W)

Luminous flux: 97,6% after 10.000 h at 8,4 W power and 85 °C;
 96,7% after 10.000 h at 8,4 W power and 105 °C;
 94,3% after 10.000 h at 8,4 W power and 120 °C. (Extreme charge > 6 W)

CHROMATICITY DIAGRAM



BOT01-V3: luminous flux normalised as function of the angle of radiation



発光スペクトル Spectrum

