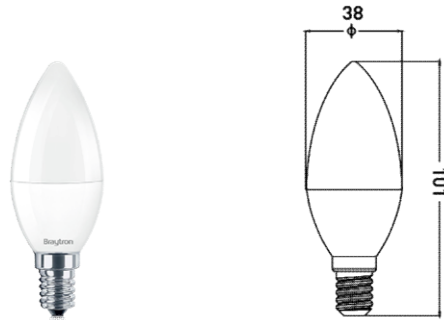


Product Datasheet



Products Family : Bulbs
Products Name : LED Candle Bulbs

Datasheet is valid for following Model numbers

Product Code	CCT
BA09-00710	3000K
BA09-00711	4000K
BA09-00713	6500K

Manufacturer:
Demgrup international lighting limited
unit d 16/f,one capital place,18 luard road
wan chai, Hong Kong
www.demgrup.com.tr

Importer/Brand Owner:
Braytron S.R.L
Bulevardul iuliu maniu,nr.616, corp B
etaj 3 sector 6,061129 bucuresti, Romania
info@braytron.com www.braytron.com

Test condition: light for 15 mins under nominal voltage input and 25°C±1° working environment

General Characteristics

- Family : Bulbs
- Sub Family : LED Canle Bulbs
- Mounting Type : Socket
- Socket : E14
- Lamp Shape : Non-Directional
- Dimmable : No(Optional)
- Light Source : LED
- Warranty : 2 years

Electrical Characteristics

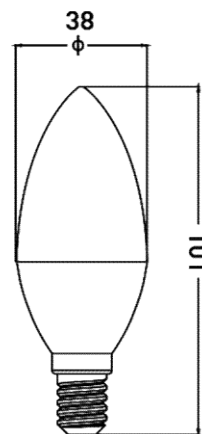
- Lifetime (at 2.7 hrs/day) : 15000 h
- Voltage : 220-240 V
- Frequency : 50-60 Hz
- Current : 55 mA
- Power Factor : > 0.5
- Starting Time : < 0.5 s
- Lumen Maintenance Factor : 0.7
- Number of Switch Cycles : > 12500
- Material : Plastic+Aluminium
- Working Temperature : -20°C~+45°C
- Storage Temperature : -20°C~+60°C
- Environment humidity(working) : 10%~60%

Lamp Characteristics

- Wattage : 7 w
- Equivalent : 45 w
- Color Temperatue : 3000K/4000K/6500K
- Color Category : Warm White/Natural White/Cool White
- Luminous Flux : 560 lm
- Color Rendering Index(CRI) : > 80
- Energy Efficiency Level : A+
- Beam Angle : 180 Degree(s)
- SDCM : < 6

Lamp Dimensions & Weight

- Diameter : 38 mm
- Height : 101 mm
- Weight(Net) : 21 gr



Reliability requirements

- Lumen maintenance : Lumen maintenance is not lower than 92% after lighting for 3000h, and not lower than 88% after lighting for 6000H and not lower than 70% after lighting for 70% of lifespan
- Working life : Under nominal voltage input, working life is forced not lower than 15000h in 25°C±1°C

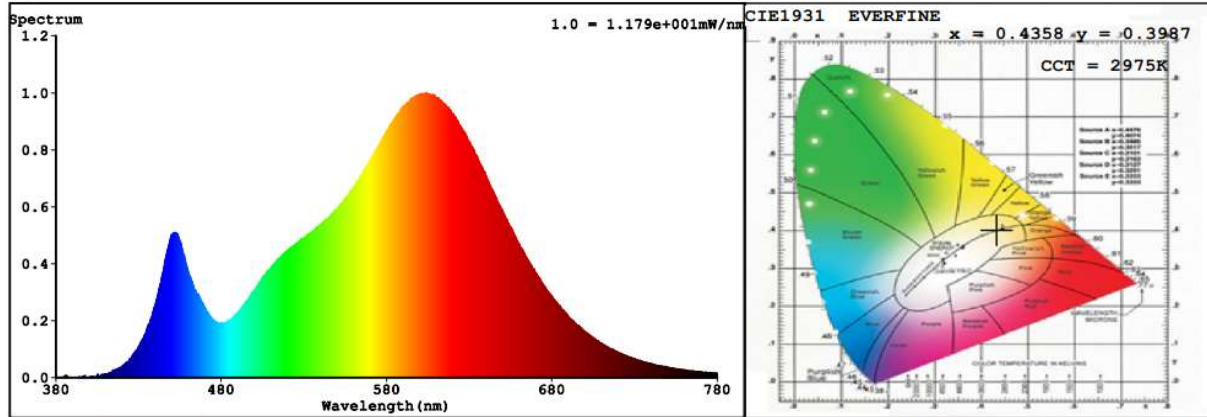
Remarks:

Declared values above may vary ±%5



Optical and electrical test parameter:

Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: $x = 0.4358$ $y = 0.3987$ / $u' = 0.2522$ $v' = 0.5191$ ($duv = -2.01e-03$) $Dx, Dy: -0.0029, -0.0060$

CCT= 2975K Prcp WL: $L_d = 583.7nm$ Purity=50.5%

Peak WL: $L_p = 604nm$ FWHM: =125.5nm Ratio:R=23.2% G=74.2% B=2.6%

Render Index: $R_a = 82.7$

R1 =81 R2 =92 R3 =96 R4 =80 R5 =82 R6 =90 R7 =82

R8 =59 R9 =8 R10=81 R11=80 R12=75 R13=84 R14=98 R15=74

Photometric & Radiometric Parameters

Flux = 569.36 lm Eff. : 90.40 lm/W $F_e = 1.7574 W$

Electrical parameters

$V = 230.3 V$ $I = 0.05028 A$ $P = 6.298 W$ PF = 0.5439 F=50.00 Hz