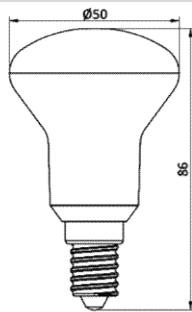


Product Datasheet



Products Family : Bulbs
Products Name : LED R-Bulbs

Datasheet is valid for following Model numbers

Product Code	CCT
BA34-00610	3000K
BA34-00613	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 : R-Bulb
- Mounting Type : Socket
- Socket : E14
- Lamp Shape : Non-Directional
- Dimmable : No(Optional)
- Light Source : LED
- Warranty : 2 years

Electrical Characteristics

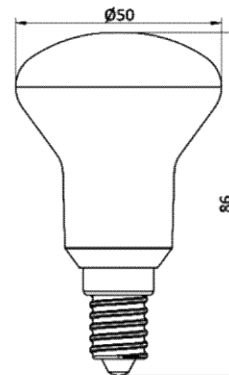
- Lifetime (at 2.7 hrs/day) : 15000 h
- Voltage : 220-240 V
- Frequency : 50-60 Hz
- Current : 50 mA
- Power Factor : > 0.5
- Starting Time : < 0.5 s
- Lumen Maintenance Factor : 0.7
- Number of Switch Cycles : > 12500
- Material : Plastic+Aluminium
- Working Temperature : -20°C~+45°C
- Storage Temperature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

Lamp Characteristics

- Wattage : 6 w
- Equivalent : 45 w
- Color Temperature : 3000K/6500K
- Color Category : Warm White/Cool White
- Luminous Flux : 550 lm
- Color Rendering Index(CRI) : > 80
- Energy Efficiency Level : A+
- Beam Angle : 150 Degree(s)
- SDCM : < 6

Lamp Dimensions & Weight

- Diameter : 50 mm
- Height : 47 mm
- Weight(Net) : 30 gr

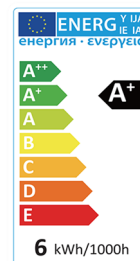


Reliability requirements

- 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:

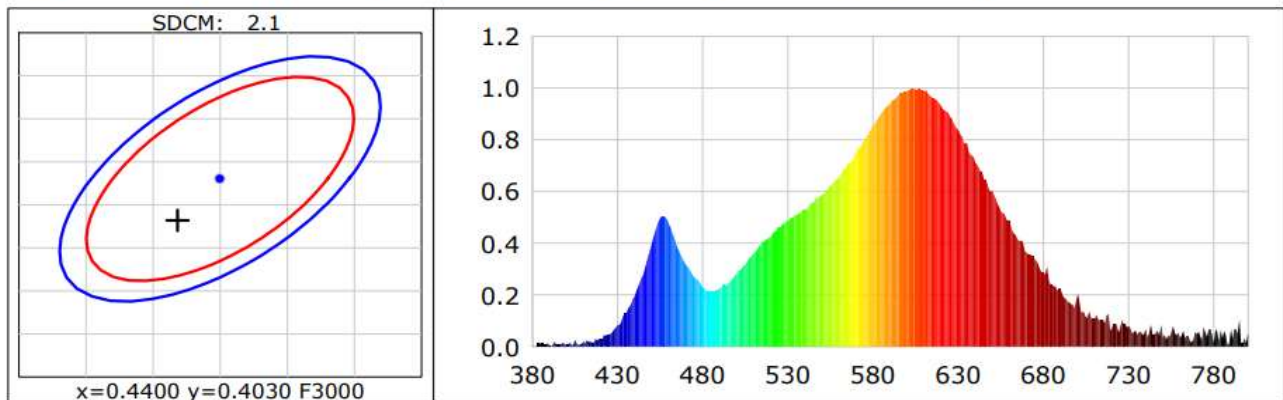
Declared values above may vary ±%5



Optical and electrical test parameter:

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.4368$ $y=0.3982$ $u(u')=0.2531$ $v=0.3460$ $v'=0.5190$
 CCT: $T_c=2953K$ ($duv=-0.00235$) Color Ratio: $R=0.235$ $G=0.738$ $B=0.027$
 Peak Wavelength: 603.9nm Half Bandwidth: 125.7nm
 Dominant Wavelength: 583.9nm Color Purity: 0.506
 CRI: $R_a=82.9$ TM30: $R_f=82$, $R_g=95$
 $R1=82$ $R2=92$ $R3=95$ $R4=80$ $R5=82$ $R6=91$ $R7=80$ $R8=58$
 $R9=10$ $R10=82$ $R11=78$ $R12=74$ $R13=84$ $R14=98$ $R15=75$
 Color Quality Scale: $Q_a=82.1$, $Q_f=83.5$, $Q_p=84.4$, $Q_g=92.1$
 $Q1=79$ $Q2=95$ $Q3=83$ $Q4=78$ $Q5=82$ $Q6=83$ $Q7=83$ $Q8=85$
 $Q9=95$ $Q10=90$ $Q11=85$ $Q12=82$ $Q13=82$ $Q14=73$ $Q15=75$



Photometric Parameters

Luminous Flux: 528.91 lm Efficiency: 89.80 lm/W Radiant Power: 1.649 W
 EEI: 0.14 Energy Efficiency Class: A+ (EU 874-2012)

Electric Parameters

Voltage: 230.30V Current: 0.0510A Power: 5.89W
 Power Factor: 0.5030 Frequency: 49.99Hz