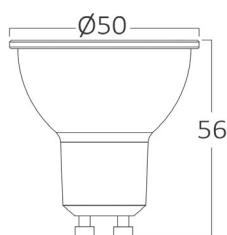


Product Datasheet



Products Family : Bulbs & Tubes
Products Name : GU10 Bulbs

Datasheet is valid for following Model numbers

Product Code	CCT	Socket
BA27-60650	3000K	GU10
BA27-60651	4000K	GU10

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

Importer / Company:
Braytron S.R.L
Bulevardul iuliu maniu,nr.616, corp B
etaj 1 sector 6,061129 bucuresti, Romania
info@braytron.com www.braytron.com

Test condition:light for 30 mins under nominal voltage input and 25°C±1°working environment

General Characteristics

- Family : Bulbs & Tubes
- Sub Family : GU10 Bulbs
- Mounting Type : Socket
- Lamp Shape : Directional
- Dimmable : Dimmable
- Light Source : LED
- Socket : GU10
- Warranty : 2 yrs
- Class : CLASS II
- IP : IP20

Lamp Characteristics

- Wattage : 5,5 w
- Color Temperature : 3000K/4000K
- Luminous Flux(whole Product) : 400 lm
- Luminous Flux(LED System) : 400 lm
- Color Rendering Index(CRI) : > 80
- Energy Efficiency Level : F
- Beam Angle : 38 degree(s)
- Chromaticity(SDCM) : < 6

Electrical Characteristics

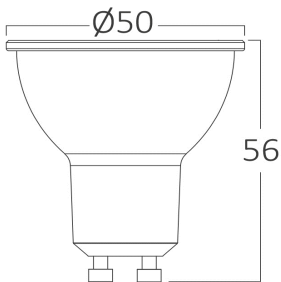
- Lifetime (L70B50) : 20000 hrs
- Input Voltage : 220-240V
- Frequency : 50-60 Hz
- Power Factor : >0,7
- Starting Time : < 0.5 s
- Lumen Maintenance Factor : > 0.899
- Number of Switch Cycles : > 12500
- Material : Thermoplastic
- Working Temperature : -20°C~+45°C
- Storage Temperature : -20°C~+60°C
- Environment humidity(working) : 10%~65%

Test condition:light for 30 mins under nominal voltage input and 25°C±1°working environment

Lamp Dimensions & Weight

- Diameter : 50 mm
- Height : 56 mm
- Weight(Net) : 45 gr
- Cutout :

Technical Drawing(s)



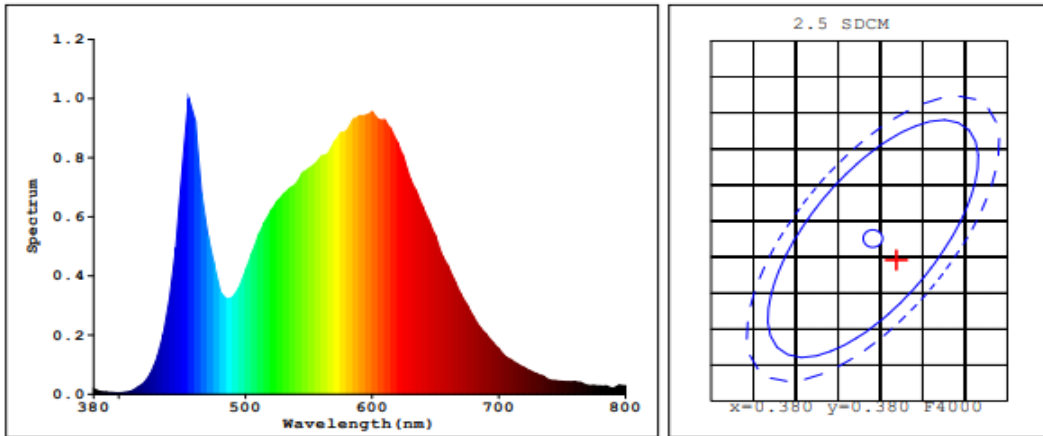
Reliability requirements and Test Conditions

- **Lumen maintenance**
Lumen maintenance is not lower than 89.9% after lighting for 2.5h on and 0.5h off for one cycle.
Total 1200 cycle and 3600h including 3000h on and 600h off.
- **Working life (L70B50)**
Under nominal voltage input, working life is forced not lower than 15000 h at 25°C±1°C
- **Remarks:**
Declared values above may vary ±5



Test condition: light for 30 mins under nominal voltage input and 25°C±1° working environment

Optical and electrical test parameter:



Color Parameters:

Chromaticity Coordinate: $x=0.3824$ ($dx=0.0002$) $y=0.3776$ ($dy=0.0005$)
 Chromaticity Coordinate: $u'=0.2261$ $v'=0.5022$ ($duv=-1.79e-04$)
 Tc=3953K Dominant WL:Ld=579.3nm Purity=28.1% Centroid WL:572.0nm
 Ratio:R=20.4% G=76.0% B=3.6% Peak WL:Lp=455.0nm HWL:26.8nm
 Render Index:Ra=85.0 CRI=79.1
 R1 =84 R2 =92 R3 =96 R4 =82 R5 =83 R6 =88 R7 =86
 R8 =67 R9 =19 R10=80 R11=81 R12=63 R13=87 R14=98 R15=79

Photo Parameters:

Flux: 469.19 lm Fe: 1.4683 W Efficacy:97.88 lm/W
 WHITE:ANSI_4000K

Electrical Parameters:

Luminaire: U=230.18V I=0.02394A P=4.793W PF=0.8701