

Product Datasheet



Products Family : LED Strip Light
Products Name : LED Strip

Datasheet is valid for following Model numbers

Product Code	CCT	Body Color
BS01-00300	3000K	White
BS01-00301	4000K	White
BS01-00303	6500K	White

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 : LED Strip Light
- Sub Family : LED Strip
- Mounting Type : Strip
- Lamp Shape : Non-Directional
- Dimmable : Dimmable
- Light Source : LED
- Warranty : 2 years
- Class : Class III
- IP : IP20

Lamp Characteristics

- Wattage : 12 w/mt
- Color Temperature : 3000K/4000K/6500K
- Luminous Flux(whole Product) : 720 lm/mt
- Luminous Flux(LED System) : 720 lm/mt
- Color Rendering Index(CRI) : > 80
- Energy Efficiency Level : G
- Beam Angle : 120 Degree(s)
- Chromaticity(SDCM) : < 6

Electrical Characteristics

- Lifetime(L70B50) : 20000 h
- Input Voltage : 12 VDC
- Frequency : 50-60 Hz
- Starting Time : < 0.5 s
- Lumen Maintenance Factor : > 0.899
- Number of Switch Cycles : > 15000
- Material : FPCB
- 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(mm)	:	
• Length(mm)	:	1000
• Width(mm)	:	10
• Height(mm)	:	
• Cutout(mm)	:	
• Weight(kg)	:	12

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 20000 h at 25°C±1°C

- **Remarks:**

Declared values above may vary ±5

