

## Product Datasheet



Products Family : Led Lighting Fixture  
Products Name : LED Panel Light

### Datasheet is valid for following Model numbers

Product Code	CCT	Body Color
BP21-06600	3000K	White
BP21-06610	4000K	White
BP21-06630	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](http://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](mailto:info@braytron.com) [www.braytron.com](http://www.braytron.com)

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

## General Characteristics

- Family : Led Lighting Fixture
- Sub Family : LED Panel Light
- Mounting Type : Surface Mounting
- Lamp Shape : Non-Directional
- Dimmable : Not-Dimmable
- Light Source : LED
- Warranty : 5 years
- IP : IP20

## Lamp Characteristics

- Wattage : 50 w
- Color Temperatue : 3000K/4000K/6500K
- Luminous Flux(whole Product) : 5300 lm
- Luminous Flux(LED System) : 5300 lm
- Color Rendering Index(CRI) : > 80
- Energy Efficiency Level : F
- Beam Angle : 110 Degree(s)
- Chromaticity(SDCM) : < 6

## Electrical Characteristics

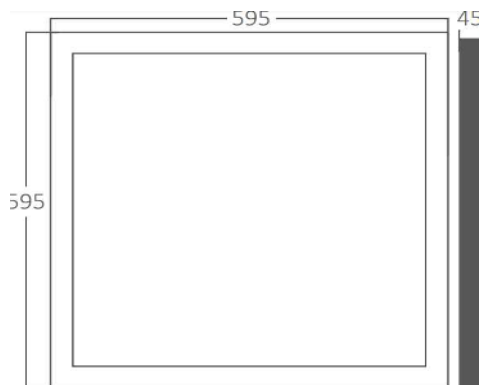
- Lifetime (L70B50) : 30000 h
- Input Voltage : 220-240V
- Frequency : 50-60 Hz
- Power Factor : > 0.9
- Starting Time : < 0.5 s
- Lumen Maintenance Factor : > 0.899
- Number of Switch Cycles : > 15000
- Material : Iron
- Working Temperature : -20°C~+45°C
- Storage Temperature : -20°C~+60°C
- Environment humidity(working) : 10%~65%

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

## Lamp Dimensions & Weight

• Diameter	:	
• Lenght	:	595
• Width	:	595
• Height	:	45
• Cutout	:	
• Weight(Net)	:	2,45 kg

## 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 30000 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:

### Luminosity Parameter

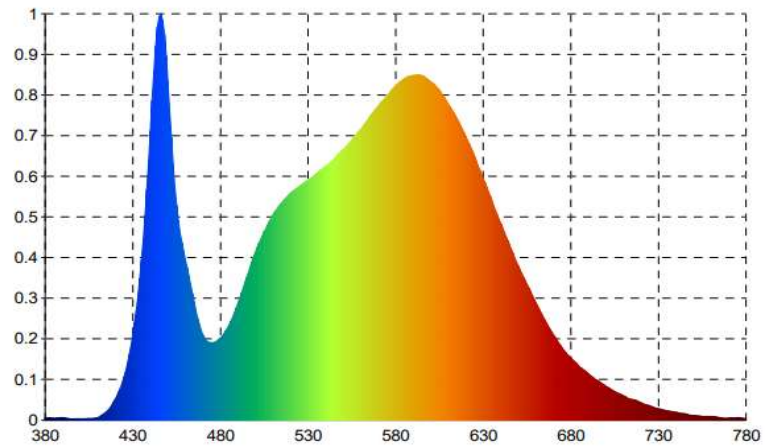
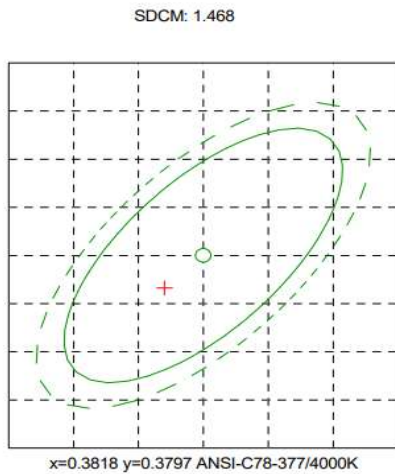
Luminous Flux(380-780nm):4935.41lm    Optical Power(380-780nm):12.26W    Efficient(380-780nm):103.81lm/W  
 EEI: 0.1566    Energy Class: A+(EU874-2012)

### Electric Parameter

Voltage: U=229.7V    Current: I=213mA    Power: P=47.54W    PF: PF=0.971

### Device State

Wavelength Range: 380nm-780nm    Wavelength Interval: 1nm



## Darkroom Test report

