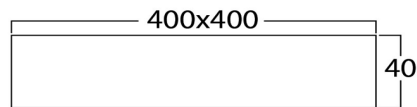


## Product Datasheet



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

### Datasheet is valid for following Model numbers

Product Code	CCT	Body Color
BP04-33600	3000K	White
BP04-33610	4000K	White
BP04-33630	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 : 2 years
- Class : Class II
- IP : IP20

## Lamp Characteristics

- Wattage : 36 w
- Color Temperatue : 3000K/4000K/6500K
- Luminous Flux(whole Product) : 3720 lm
- Luminous Flux(LED System) : 3720 lm
- Color Rendering Index(CRI) : > 80
- Energy Efficiency Level : F
- Beam Angle : 120 Degree(s)
- Chromaticity(SDCM) : < 6

## Electrical Characteristics

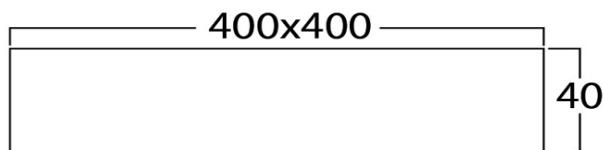
- Lifetime(L70B50) : 20000 h
- Input Voltage : 220-240V
- Frequency : 50-60 Hz
- Power Factor : > 0.9
- Starting Time : < 0.5 s
- Lumen Maintenance Factor : > 0.899
- Number of Switch Cycles : > 15000
- Material : Aluminium
- Working Temperature : -20°C~+45°C
- Storage Temperature : -20°C~+60°C
- Environment 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) : 400
- Width(mm) : 400
- Height(mm) : 40
- Cutout(mm) :
- Weight(kg) : 1,11

## 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 20000 h at 25°C±1°C

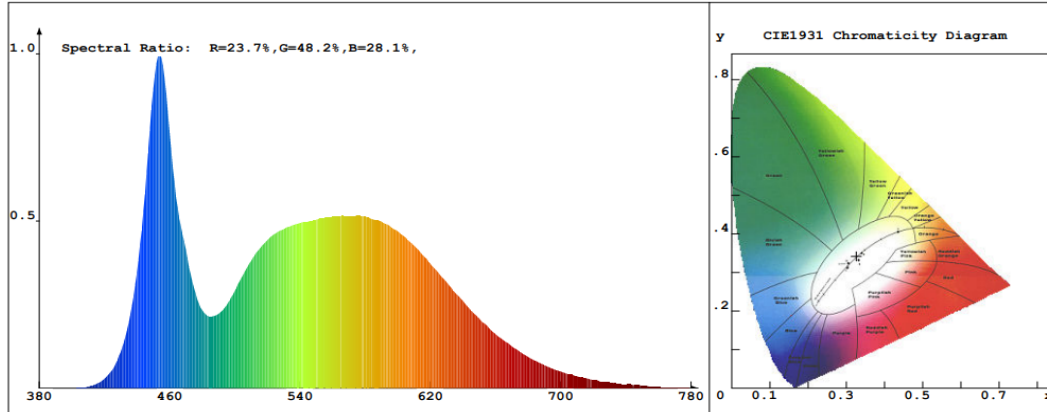
- **Remarks:**

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:



### Chroma Parameters

Chro. Coord.: x=0.3263 y=0.3417 u=0.2024 v=0.3180 duv=0.0031  
 CCT: 5777K Dominant Wave.: 508.4nm Purity: 2.2%  
 Flux RGB Ratio: R=14.1%, G=82.2%, B=3.7% Peak Wave: 453.8nm Half Width: 22.9nm

### Rendering Index: Ra= 81.7

R1 =79 R2 =87 R3 =91 R4 =80 R5 =80 R6 =82 R7 =87 R8 =67  
 R9 =2 R10=68 R11=78 R12=55 R13=82 R14=95 R15=75

### Photo Parameters

Flux: 3716.29lm Effi.: 105.2lm/W Radiant: 13614.1mW Iv: 0.0mcd  
 Efficiency: 0.130 Effi. Level: A+ (EU 874-2012)

### Ele. Parameters

Voltage: U=220.400V Current: I=0.1640A  
 Power: P=35.33W Power Factor: PF=0.976

## Darkroom Test report

