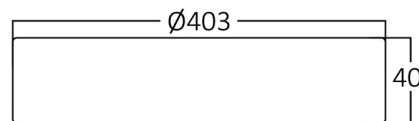


Product Datasheet



Products Family : Led Lighting Fixture

Products Name : Led Panel Light

Datasheet is valid for following Model numbers

Product Code	CCT	Body Color
BP03-33600	3000K	White
BP03-33610	4000K	White
BP03-33630	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

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 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

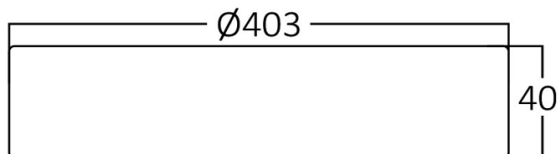
- Lifetime(L70B50) : 20000 h
- Input Voltage : 220-240V
- Frequency : 50-60 Hz
- Power Factor : >0.5
- Starting Time : < 0.5 s
- Lumen Maintenance Factor : > 0.899
- Number of Switch Cycles : > 15000
- Material : Aluminium
- Working Temperature : -20°C~+45°C
- Storage Temperature : -20°C~+60°C
- Environment 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) : 403
- Length(mm) :
- Width(mm) :
- Height(mm) : 40
- Cutout(mm) :
- Weight(kg) : 1,26

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

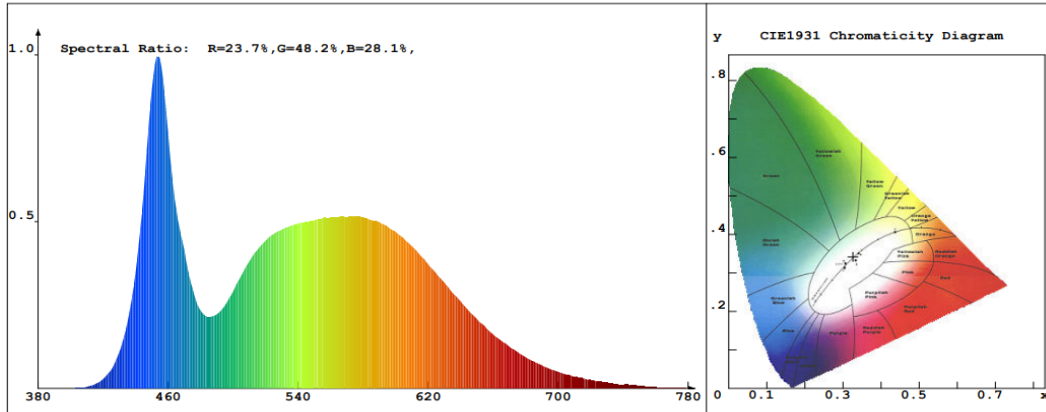
- **Remarks:**

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.Coor.: 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

