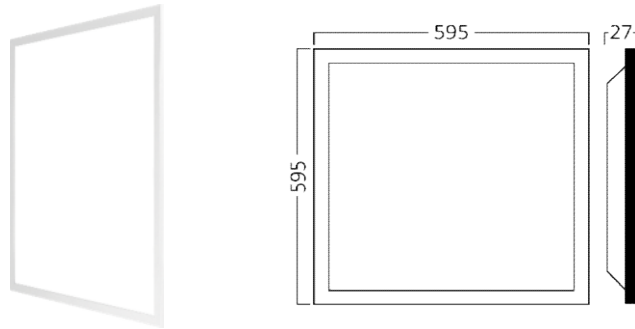


Product Datasheet



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

Datasheet is valid for following Model numbers

Product Code	CCT	Body Color
BP27-36600	3000K	White
BP27-36610	4000K	White
BP27-36630	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 : Recessed Mounting
- Lamp Shape : Non-Directional
- Dimmable : Not-Dimmable
- Light Source : LED
- Warranty : 3 years
- IP : IP20

Lamp Characteristics

- Wattage : 40 w
- Color Temperatue : 3000K/4000K/6500K
- Luminous Flux(whole Product) : 4200 lm
- Luminous Flux(LED System) : 4200 lm
- Color Rendering Index(CRI) : > 80
- Energy Efficiency Level : F
- Beam Angle : 110 Degree(s)
- Chromaticity(SDCM) : < 6

Electrical Characteristics

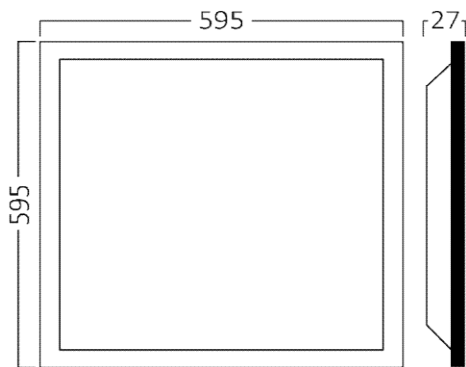
- Lifetime (L70B50) : 20000 h
- Input Voltage : 220-240V
- Frequency : 50-60 Hz
- Power Factor : > 0.9
- Starting Time : < 0.5 s
- Lumen Maintenance Factor : > 0.899
- Number of Switch Cycles : > 15000
- Material : Aluminium
- Working Temperature : -20°C~+45°C
- Storage Temperature : -20°C~+60°C
- Environment humidity(working) : 10%~65%

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

Lamp Dimensions & Weight

• Diameter	:	
• Lenght	:	595
• Width	:	595
• Height	:	27
• Cutout	:	
• Weight(Net)	:	1,4 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 20000 h at 25°C±1°C

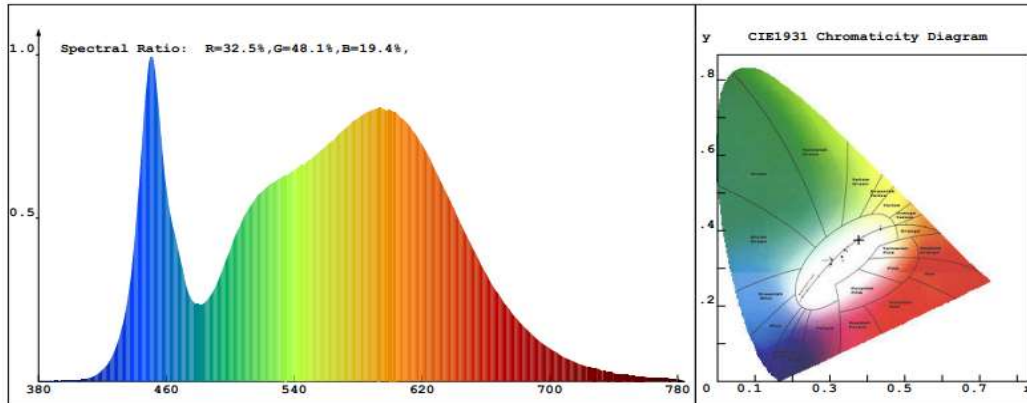
- **Remarks:**

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=0.3767 y=0.3755 u=0.2231 v=0.3337 duv=0.0005
 CCT: 4096K Dominant Wave.:578.4nm Purity:25.8%
 Flux RGB Ratio:R=18.1%,G=79.5%,B=2.4% Peak Wave:450.5nm Half Width:21.7nm

Rendering Index:Ra= 83.3

R1 =82 R2 =89 R3 =94 R4 =83 R5 =82 R6 =85 R7 =86 R8 =65
 R9 =10 R10=74 R11=82 R12=61 R13=83 R14=97 R15=76

Photo Parameters

Flux:4756.76lm Effi.:118.7lm/W Radiant:15584.4mW Iv:0.0mcd
 Efficiency:0.115 Effi Level:A+ (EU 874-2012)

Ele. Parameters

Voltage:U=230.000V Current:I=0.1790A
 Power:P=40.08W Power Factor:PF=0.969

Darkroom Test report

