

# LED Troffer Light

## AP212663 Series

### Product highlights:

- 0.2W 196ea Cool White and 0.2W 196ea Warm White color temperatures both are available. LM\_80 report is available.
- Use of closely spaced and high brightness chips minimizes pixilation and provide uniform luminance.
- Brightness and Color temperature can be controlled through wireless by APP and ON/OFF power toggle to B model and C/D/D1/T model individually.
- Cooler running electronic components allow for improved lumen performance and longer life time.

### Product specification:

- Available in B, C, D, D1, T and N models.
- Input voltage: 100~240V 50/60Hz , Power factor > 0.9
- Low Glare : UGR<19
- Aluminum case and PMMA diffuser
- Size: 600mm x 600mm x 67mm ( exclude power supply and/or controller )

- CCT: 5000K , 2700K
- CRI: 80+
- System Input Power: 43W (Typical)
- Lifetime Rating: 36,000 Hours @L70
- Limited Warranty: 3 Years Standard

< B model: AP212663B > (Android only)

- ◆ Power supply and RF controller both located at the lateral of Aluminum case.
- ◆ Brightness and CT (color temperature) both are adjustable through APP (Refer to BTSWAPP or Light Control user manual). The key features are listed below:
  - ★ Friendly operation interface, brightness and CT (color temperature) can be controlled by finger easily.
  - ★ “Individual” and “Group” light control can be achieved easily through APP definition.
  - ★ Easy to remember and manage by means of naming each or group lamps.
  - ★ Brightness and CT (color temperature) setting can be stored.
  - ★ The definition of lamp group can be redefined or modified anytime.
- ◆ Luminous Flux: 3700 +/-10% @42W
- ◆ Luminous Efficiency (Lm/W): 87.75 Lm/W (@42.6W)

< C Model: AP212663C >

- ◆ Power supply and 3-steps color temperature controller located at the lateral of Aluminum case.
- ◆ Power: 43W (Typical)
- ◆ Luminous Efficiency (lm/W): 87.75 Lm/W
- ◆ Through power ON / OFF toggle procedure, customers can choose 50% / 50%, 100% / 0%, 0% / 100% blending ratio of 5000K, CW/2700K, WW LED source. The interval between each ON/OFF toggle should be about 1 second.

< D model: AP212663D >

- ◆ Power supply and 3-steps brightness controller located at the lateral of Aluminum case. .
- ◆ Power: Adjustable
- ◆ Luminous Efficiency (lm/W): depend on output power
- ◆ CT (Color Temperature): 5000K, 50%/2700K, 50%
- ◆ Through power ON / OFF toggle procedure, customers can choose different output power and his sequence is 43W(+/-10%) >> 6.5W(+/-10%) >> 25W(+/-10%). The interval between each ON/OFF toggle should be about 1 second.

< D1 model: AP212663D1 >

- ◆ Power supply and 3-steps brightness controller located at the lateral of Aluminum case.
- ◆ Power: Adjustable
- ◆ Luminous Efficiency (lm/W): depend on output power
- ◆ One output power matches one specific color temperature.
- ◆ Through power ON / OFF toggle procedure, the sequence of Brightness/CT showed as below: 43W(+/-10%)/CW >> 6.5W(+/-10%)/CW+WW >> 25W(+/-10%)/WW >> 43W(+/-10%)/CW…… etc. The interval between each ON/OFF toggle should be about 1 second.

< T model: AP212663T >

- ◆ Power supply and 10-steps brightness and CT (color temperature) controller located at the lateral of Aluminum case.
- ◆ The first 5 seconds after Power-ON was defined as “synchronous” function, any ON/OFF toggle was treated to activate synchronous function.
- ◆ The feature of synchronous can set all lights to specific brightness and CT together as troffer lights have set to different power or CT level before. The detail referred to user manual.

- ◆ User can wait 5 seconds if user want to skip “synchronous” , user can jump to brightness and CT setting.
- ◆ 5-steps brightness and 5-steps CT are adjustable by ON/OFF toggle, Single ON/OFF toggle is defined as Brightness change and Continuous twice ON/OFF toggle is defined as CT change. The detail referred to user manual.
- ◆ Brightness (output power): There are five levels of Brightness and listed as following; 43W, 34W, 23W, 12W and 9W. The sequence is showed as 34W → 43W → 9W → 12W → 23W → 34W → … etc.
- ◆ CT (Color Temperature): the ratio of 5000K/2700K is adjustable under specific brightness and the value listed below:  
100%/0 , 75%/25% , 50%/50% , 25%/75% , 0/100%  
The sequence of CT described below: → 50%/50% → 75%/25% → 100%/0 → 0/100% → 25%/75% → 50%/50% → 75%/25% → … etc.
- ◆ Single and twice toggle can be mixed use during brightness and CT setting.
- ◆ Final setting will be stored as customer keep setting more than 2 hours.

< N model: AP212663N >

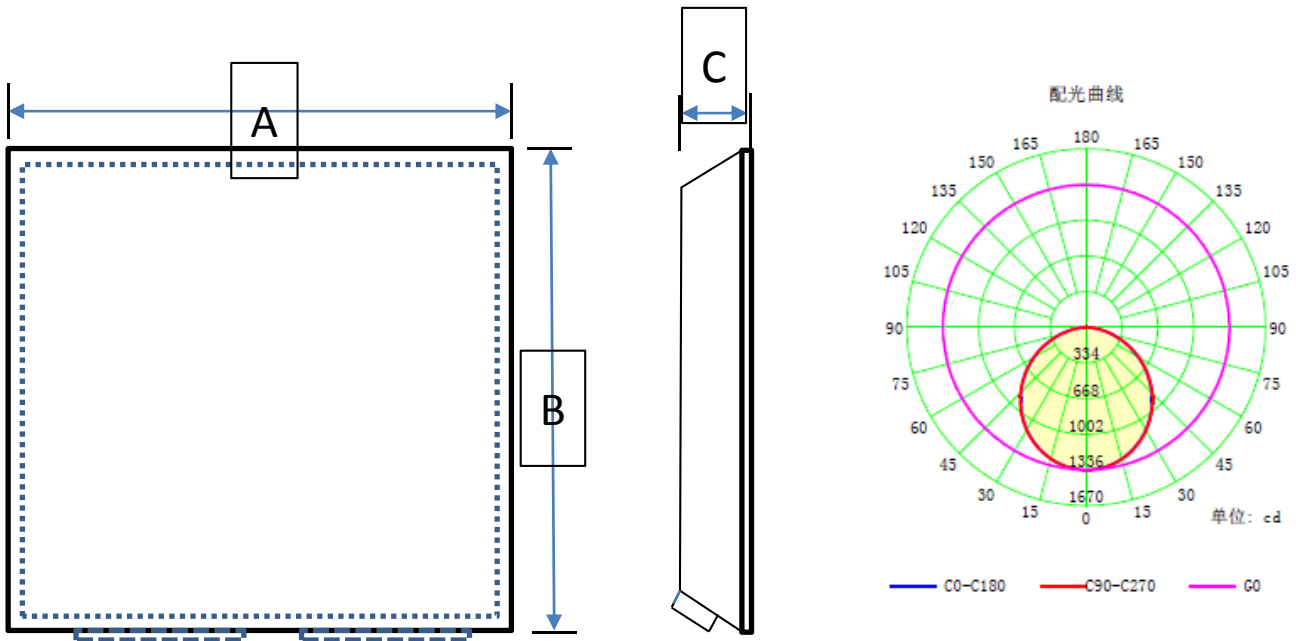
- ◆ Power supply located at the lateral of Aluminum case.

- ◆ Power : 43W (Typical)
- ◆ CT (color temperature): 5000K, 50%/2700K, 50%

### Applications:

- General lighting
- Ceiling Troffer fixtures
- Office , Commercial, Retail , Education

### Product Dimension and light distribution curve:



A=600mm    B=600mm    C=61.5mm

( Tolerance : +/- 10mm)