

# AL TSA Fortis Grill



## INDOOR SERIES



## PRODUCT OVERVIEW

The **AL TSA FORTIS GRILL** utilizes SMD 2835 LED chip set technology, which provide stable and long Lasting lumen output. Constructed with cold rolled steel sheet body and polycarbonate lenses. Offering A life expectancy of >50 000 hrs. Easily installed and with virtually no maintenance ever.

The **AL TSA FORTIS GRILL** radiates no UV or Infra-Red Rays and comply with RoHS, CE and UL safety standards.

Quality comes standard...



Hours  
LIFESPAN



IP42  
Indoor



Low  
MAINTENANCE



Year  
WARRANTY



Product  
CERTIFICATION

### APPLICATIONS

Hotels

Conference Facilities

Factories

Schools / Colleges

Commercial Space

Universities

Hospitals

Offices

Industrial Areas

Warehouses

### FEATURES

High Brightness Cree chip sets

Glare Rating: UGR 19

Uniform Light Spread

Flicker Free

Durable Design

### CONSTRUCTION DETAILS

Silver/White Housing Finish

IP42 Ingress Protection

Iron Housing

PC Lens

## Fortis Grill

### TECHNICAL DATA

| MODEL No.:      | SIZE<br>(mm) | VOLTAGE<br>(V) | POWER<br>(W) | LUMEN<br>(lm) | BEAM<br>ANGLE | CRI | CCT<br>(K) | GLARE RATE<br>(UGR) |
|-----------------|--------------|----------------|--------------|---------------|---------------|-----|------------|---------------------|
| PAN/FG/606/30/* | 600x600      | 184-265        | 30           | 3300          | 120°          | >80 | 2200-6000  | UGR 22              |
| PAN/FG/606/36/* | 600x600      | 184-265        | 36           | 3960          | 120°          | >80 | 2200-6000  | UGR 22              |
| PAN/FG/606/48/* | 600x600      | 184-265        | 48           | 5280          | 120°          | >80 | 2200-6000  | UGR 22              |
| PAN/FG/123/36/* | 1200x300     | 184-265        | 36           | 3960          | 120°          | >80 | 2200-6000  | UGR 22              |
| PAN/FG/126/40/* | 1200x600     | 184-265        | 40           | 4400          | 120°          | >80 | 2200-6000  | UGR 22              |
| PAN/FG/126/52/* | 1200x600     | 184-265        | 52           | 5720          | 120°          | >80 | 2200-6000  | UGR 22              |

\* Colour Temperature: 2000-3000K (02) / 4000K (04) / 6000K (06)

### MECHANICAL DATA

|                            |                     |
|----------------------------|---------------------|
| Humidity Range:            | 30-60%              |
| LED Brand:                 | Hongli 2835         |
| Operating Temperature:     | -20°C ~ 50°C        |
| Housing Material:          | Iron                |
| Lens Material:             | PC                  |
| Housing Finish:            | Silver/White        |
| IP Rating                  | IP42                |
| Mounting Configuration:    | Recessed/Suspended  |
| Glare Rating:              | UGR 19              |
| Flicker&DLC Specification: | SVM<0.4    DLC V4.0 |

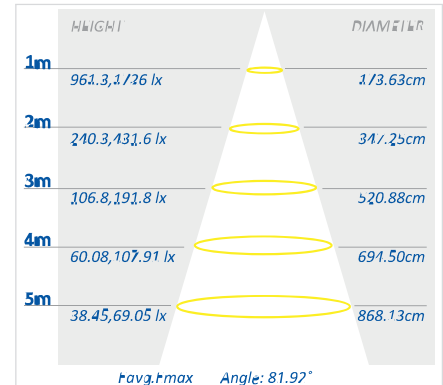
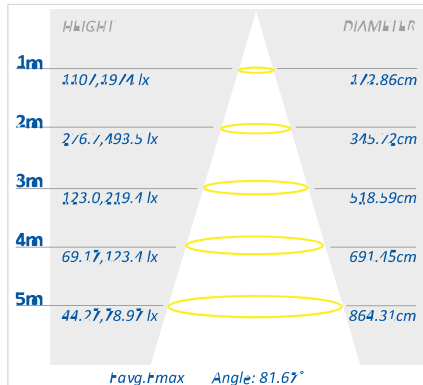
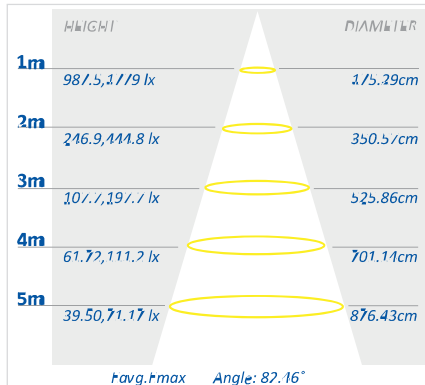
### ELECTRICAL DATA

| FEATURES               |                                |                          |
|------------------------|--------------------------------|--------------------------|
| Driver:                | Greenbo                        | EMC Applicable           |
| Electrical Class:      | Class 1                        | Triac Dimmable           |
| Nominal Voltage Range: | 184 - 265 VAC                  | DALI Control             |
| Power Factor:          | >0.95                          | 1-10V Control            |
| THD:                   | 12%                            | Motion Sensor Integrated |
| Surge Protection:      | Standard 1000V- Optional 2750V |                          |
| Battery Backup:        | 20% 30 - 90 Minutes            |                          |
| Photocell:             | External                       |                          |
| Cable Entry:           | Bottom                         |                          |

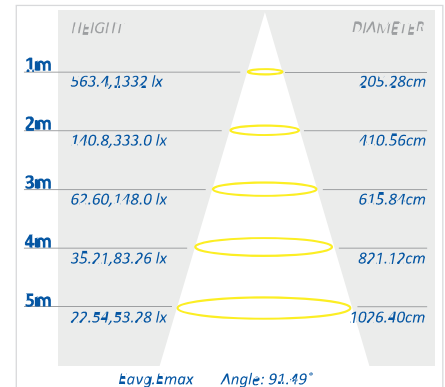
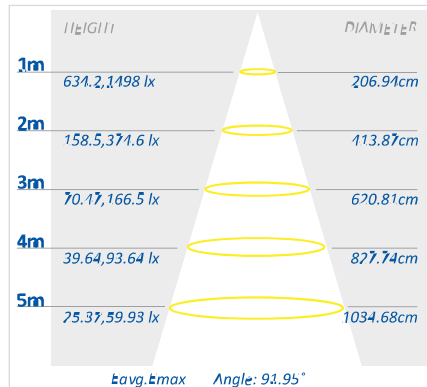
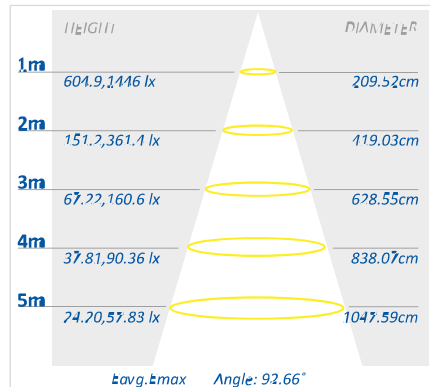
# Fortis Grill

## ILLUMINATION DATA

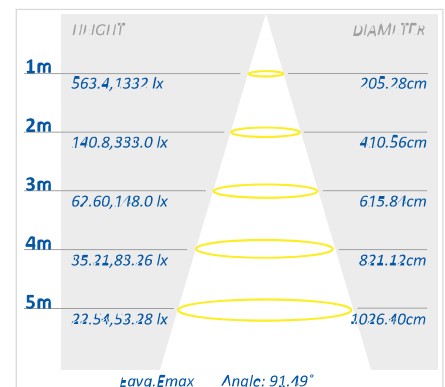
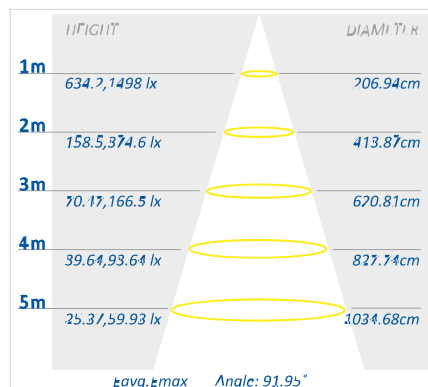
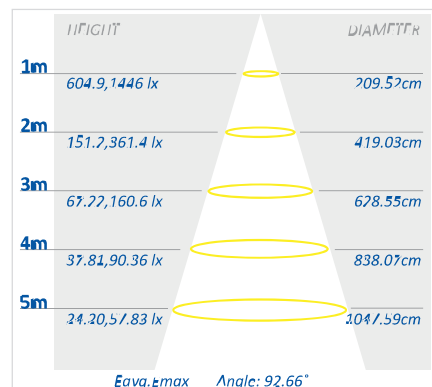
### 600x600



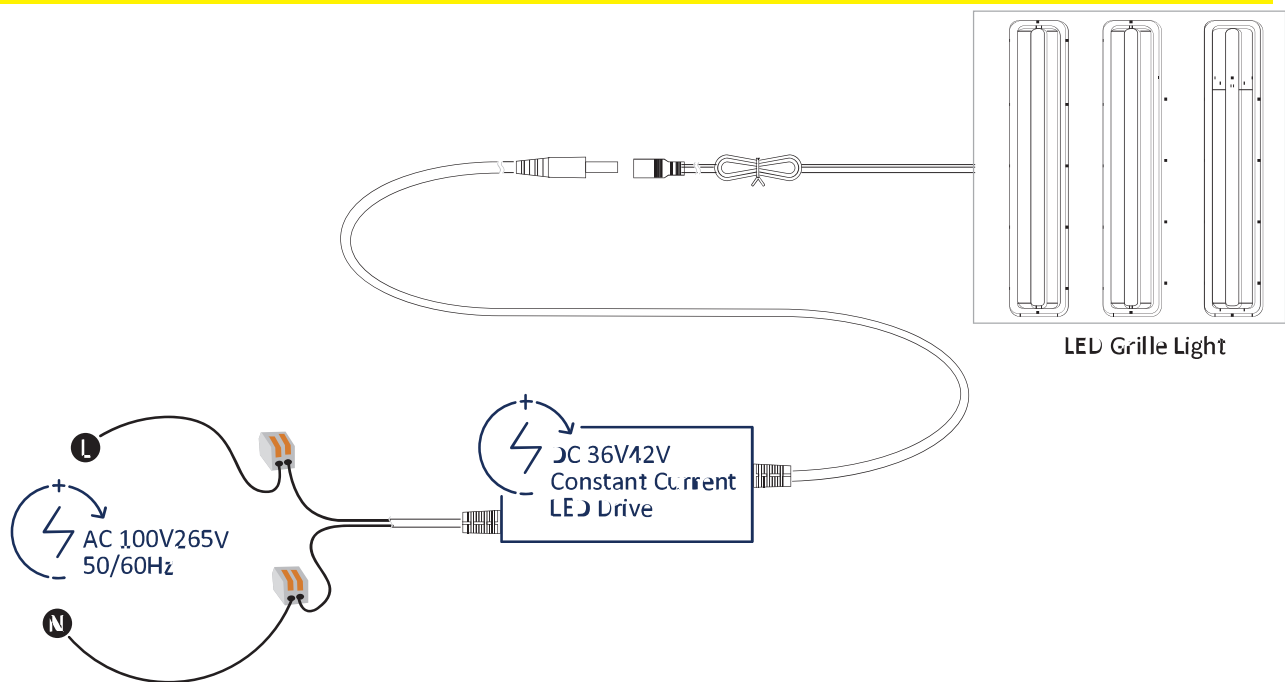
### 1200x300



### 1200x600

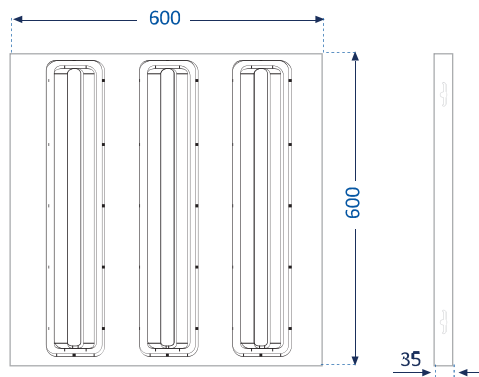


## Fortis Grill | Connection



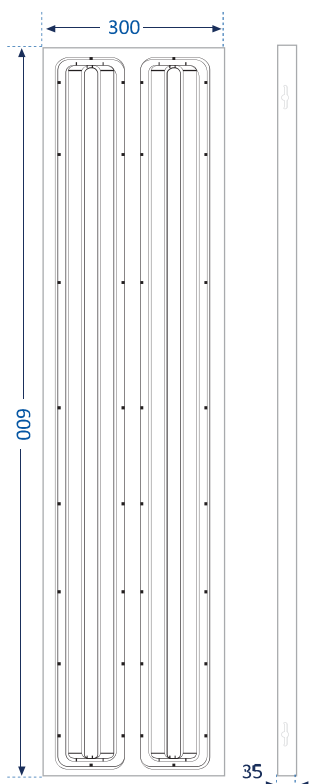
## DIMENSIONAL DATA

**MB-GL0606**



All dimension tolerance is +/- 0.5mm unless otherwise noted.

**MB-GL0312**



**MB-GL0612**

