

GTLED LIGHTS

Surface Mount Down Lights Series

Innovative specification grade fixtures
utilizing today's most energy efficient
light sources



GET GO GREEN
small change . big impact



Save energy for nature for future

GTLED LIGHTS

Surface Monunt Down Lights Series

GET Technologies LED surface mounted down light uses high brightness LEDs as a light source which is suitable for hotels, restaurants, coffee shops, offices, banks, shopping malls, home interior decoration and can directly replace the original fluorescent light. It can light more equably and softly. There is no dark zones because of the great light evenness. It has longer Life span and energy saving. Since LED lights last 70 times longer than an incandescent light source, as a result, cost of maintenance and replacement are reduced.



Applications

- Offices Lighting
- Education Facilities Lighting
- Office Lighting
- Healthcare Facilities Lighting
- Municipal Lighting
- Recreation & Public Venue Lighting
- Restaurant & Hotel Lighting
- Retail & Grocery Lighting





Specifications

Item Code:	GTSMDSL12	GTSMDSL16	GTSMDSL24	GTSMDSL30
Total System Consumption (W):	12	16	24	30
Working Voltage:	AC 85 ~265V			
Power Factor:	>0.9			
Total Harmonic Distortion(THD):	< 20%			
Driver :	Constant current Driver			
Luminair Luminous Flux(Lm):	1200	1600	2400	3000
Color Temperature:	Warm White, Neutral White, Cool White(3000K/4000K/6000K)			
Junction Temperature:	< 80 °C			
Working Temperature:	- 40 °C ~+55 °C			
Working Relative Humidity:	10-90%			
CRI:	>80			
View Angle:	120°			
Classifications:	IP 20			
Fixture Material:	Housing: Die cast Aluminum PCB: MCPCB Sheet: Acrylic Milky Sheet			
Installation	Surface Mounted			
Fixture Color:	White			
Life Span:	> 50,000 hours(70% lumen maintenance @Ta=35°C)			

Unique Features/BOQ Specifications

Product Code: GTSMDSL12,GTSMDSL16,GTSMDSL24,GTSMDSL30
(Make by Get Technologies)

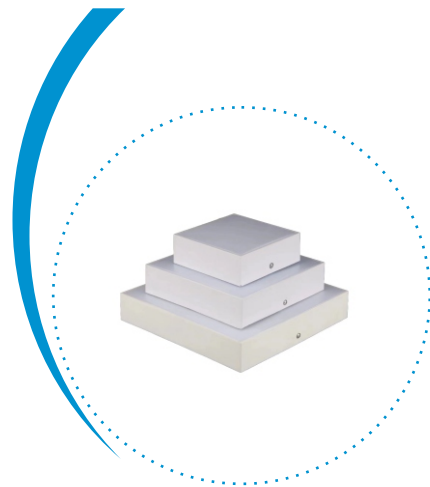
Power Tolerance Range: Driver input voltage range is 85~265V

Operating Ambient Temperature: Light can perform at -40°C ~+55°C

Driver Power Quality: Power Factor is >0.95 and THD<20%

LED Chip Efficiency: Very high luminous efficiency of LED Chips i.e 140-160 Lm/Watt

CRI:>80



Features & Benefits

Energy Saving: Saves Energy 70% as compare to conventional fluorescent panel Lights.

Longer Time: Lifetime reaches 50,000 Hours at L70, which requires no lamp replacement.

Low Maintenance Cost: Longer life ensures low maintenance with no need of internal cleansing as well as tool less opening of gear compartment and gear tray make easy the maintenance.

Input Voltage Tolerance Range: Bear voltage fluctuations as low as 100V and as high as up to 250V.

Ambiance: Create more beautiful ambiance than fluorescent tubes and compact fluorescent bulbs.

Environmentally Friendly: There are no IR and UV rays as well as in LED Lighting there is no toxic chemicals like that found in traditional incandescent, fluorescent and HID lighting like- arsenic, mercury, lead, carbon dioxide or phosphorous.

Project Total Cost Reduction/ Cable Cost Saving: Due to low power consumption thinner wire is used which saves the cable cost.

Instant Lighting & Frequent Switching: LED lights brighten up immediately and when powered on, which has great advantages for infrastructure projects. Also frequent switching in conventional lights consume more electricity.

Produces less glare: LED Lighting has higher productivity, less ill glare and safety.

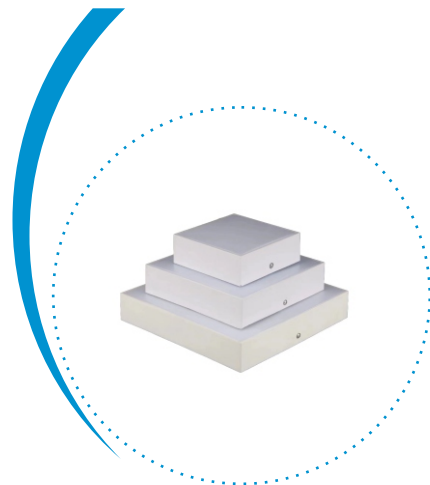
Compatibility with Solar System: LED lights are compatible with solar system due to low power consumption.

Billing Slab Difference: Billing slab differential (less unit usage, less billing) .The higher unit usage has higher tariff rates.

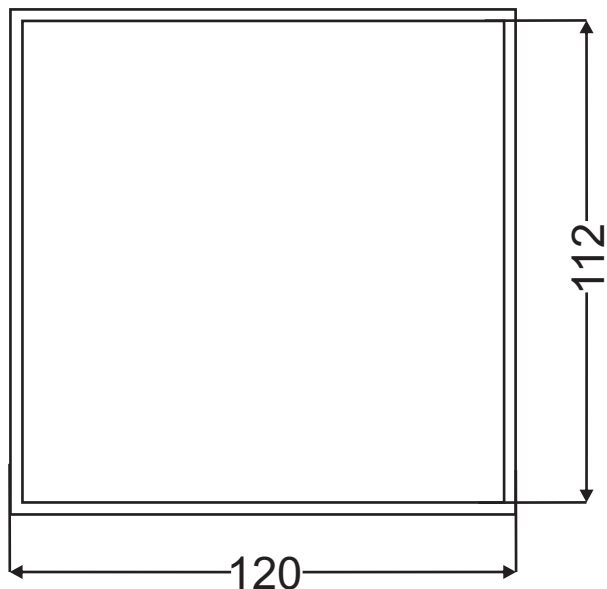
Power Factor Improvement: Get Technologies LED lights power factor is near to unity so there are no power losses.

CO₂ Emission Reduction: Under Kyoto protocol it has been estimated that LED Lights reduces much more CO₂ as compared to conventional Lights.

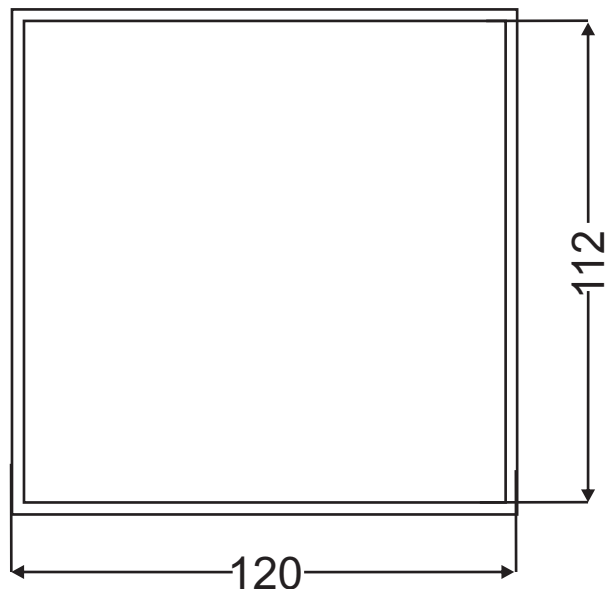
Generator /Fuel Saving: Now longer periods possible on UPS as the power drawn by LED light is much lesser so low capacity generator is required than higher.



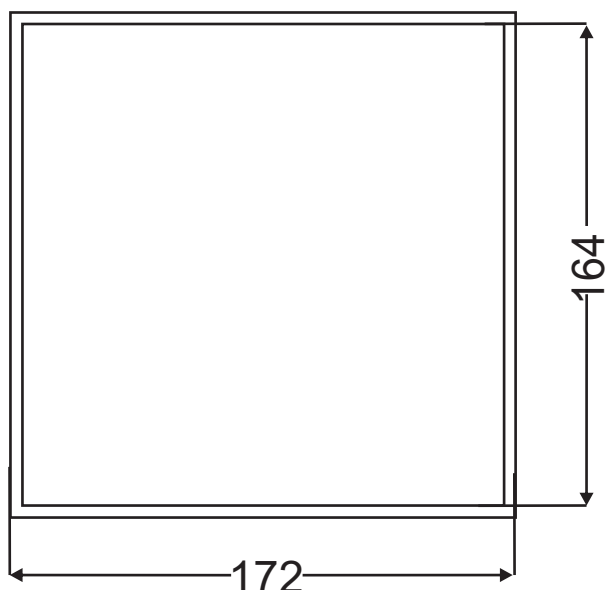
Dimensional Drawings



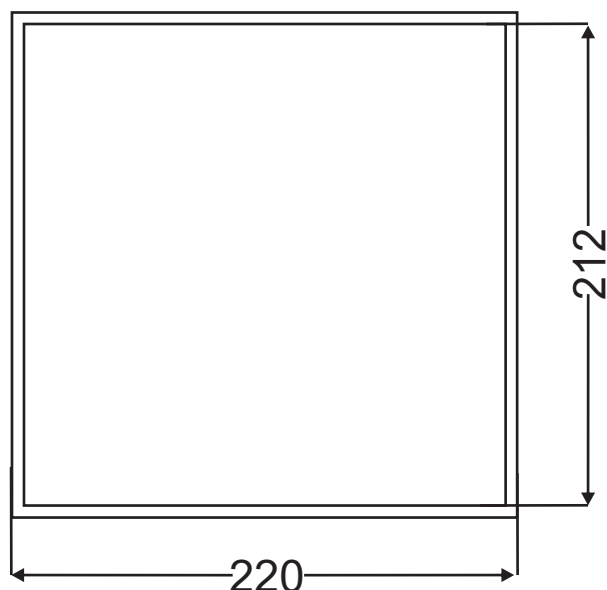
GTSSMDL12



GTSSMDL16



GTSSMDL24



GTSSMDL30



GetTechnologiesTM

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