

GTLED LIGHTS

Fine Down Lights Series

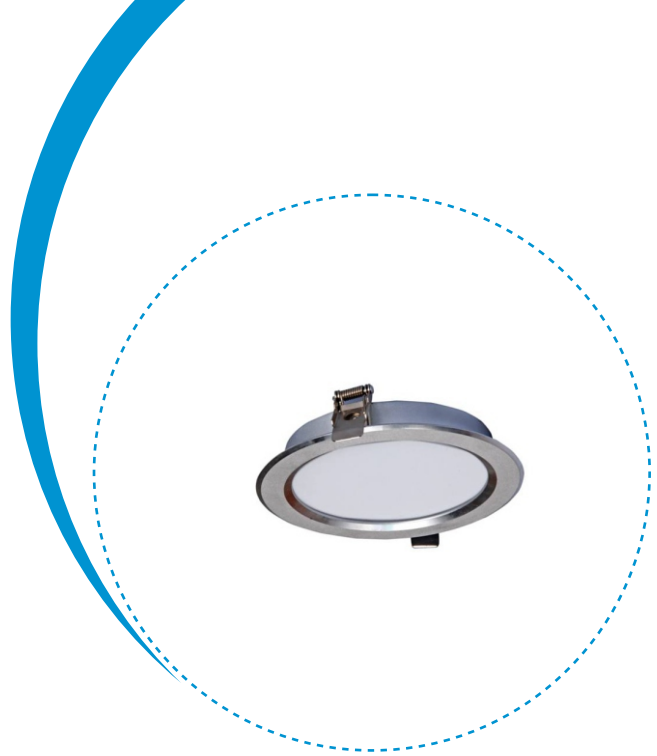
Innovative specification grade fixtures
utilizing today's most energy efficient
light sources



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Get Technologies LED Fine down light has the traditional down light advantages, its special advantage place is easy to maintain, more energy-efficient, low heat and long service life. Ultra-slim and light-weighted, easy to recess in any ceiling or flat panel. With separable connector, easy to install and replace. Perfect frame and side design, no leakage, protect eyesight. With a locking design on connector for safety concern. LED down lights structure is simple, there is a major component of the lamp body shell, power supply and LEDs.



Applications

- Office Lighting
- Residential Lighting
- Shopping Malls and Super Market Lighting
- Hotel and Restaurants Lighting
- Educational Institutes Lighting
- Hospitals and Health Care Units Lighting
- Petroleum & Gas Station Lighting
- Retail & Grocery Lighting
- Museum Lighting





Specifications

Item Code:	GTFP05	GTFP07	GTFP10	GTFP12	GTFP15	GTFP20
Total System Consumption (W):	05	07	10	12	15	20
Working Voltage:	AC 85 ~265V					
Power Factor:	>0.90					
Total Harmonic Distortion(THD):	< 20%					
Driver :	Constant current Driver					
Luminair Luminous Flux(Lm):	500	700	1000	1200	1500	2000
LED Chip used:	GTCREE 2835/LUMILED3030					
Color Temperature:	Warm White, Cool White(3000-3500K/6000-6500K)					
Junction Temperature:	< 80 °C					
Working Temperature:	- 40 °C ~+55 °C					
Working Relative Humidity:	10-90%					
CRI:	>75					
Classifications:	IP 40					
Fixture Material:	Housing: Die cast Aluminum PCB: MCPCB Sheet: Acrylic Milky Sheet					
Installation	Recessed/False Ceiling					
Fixture Color:	Silver(Aluminum)					
Life Span:	> 50,000 hours(70% lumen maintenance @Ta=35°C					
Product weight:	100g	160g	170g	190g	190g	220g

Unique Features/BOQ Specifications

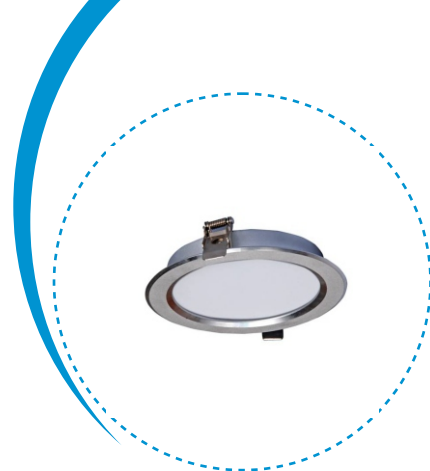
Power Tolerance Range: Driver input voltage range is 85~265V

Operating Ambient Temperature: Light can perform at -40°C~+55°C
(Have Certifications according to local Pakistan ambient temperature)

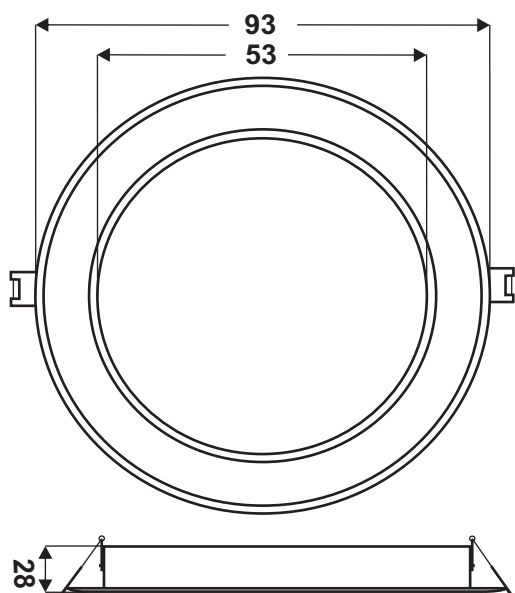
Driver Power Quality: Power Factor is >0.90 and THD<20%

LED Chip: GTCREE 2835/LUMILED 3030

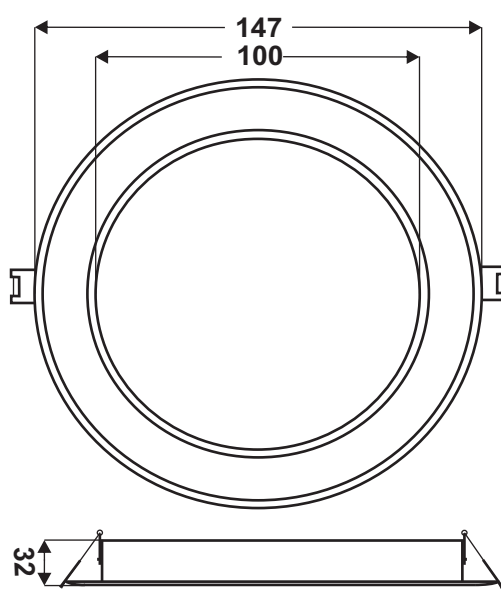
Light Efficiency: Very high luminous efficiency of LED Chips i.e 140-170 Lm/Watt



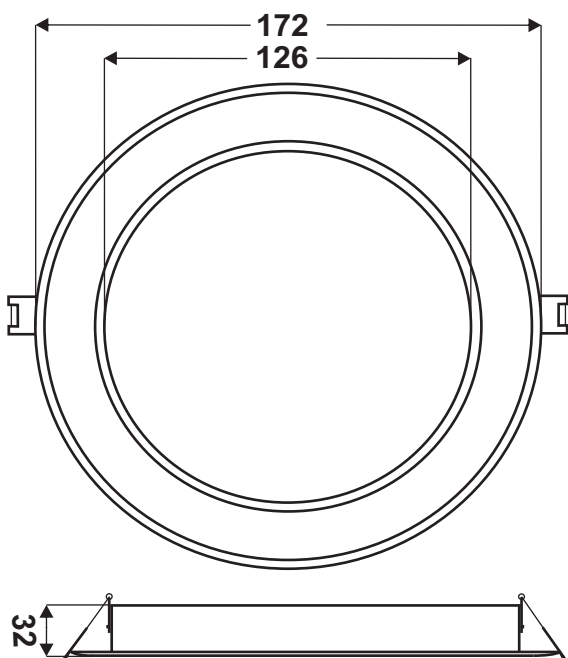
Dimensional Drawings



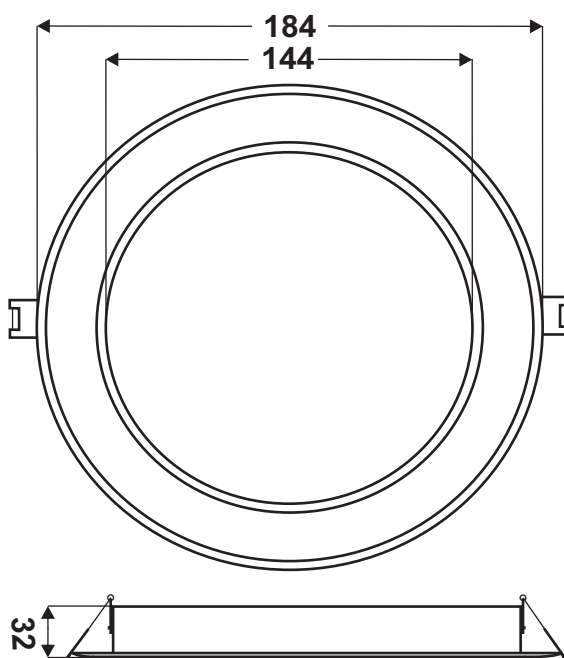
GTFP05



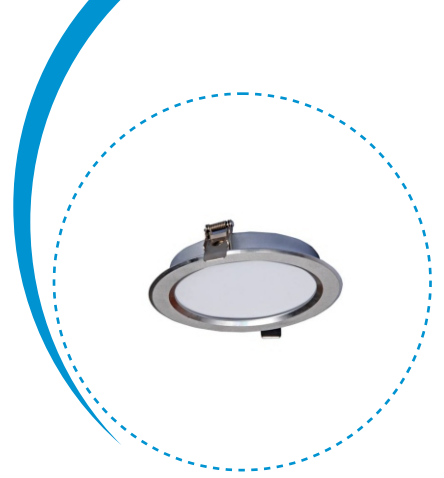
GTFP07/GTFP10



GTFP12/15



GTFP20



Features & Benefits

Energy Saving: Saves Energy 70% as compare to conventional Down 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 85V and as high as up to 265V.

Ambiance: Create more beautiful ambiance than HPS and Mercury lamp.

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.

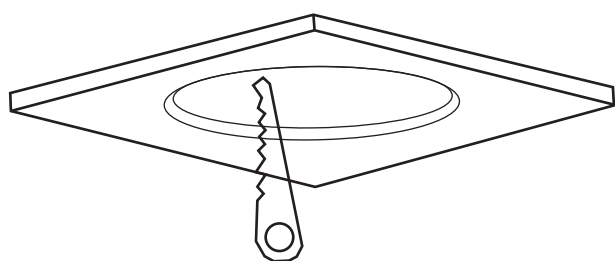
Power Factor Improvement: Get Technologies LED lights power factor is near to unity so there are no power losses.

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

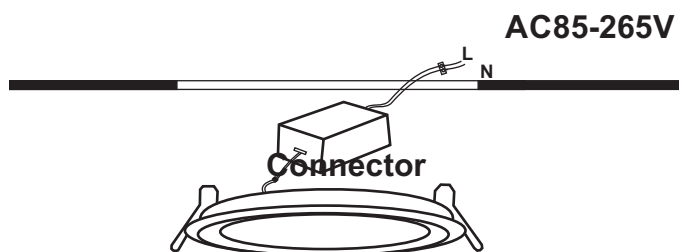
Generator /Fuel Saving: Now longer periods possible on UPS as the power drawn by LED light is much lesser so low capacity generator is required than higher.



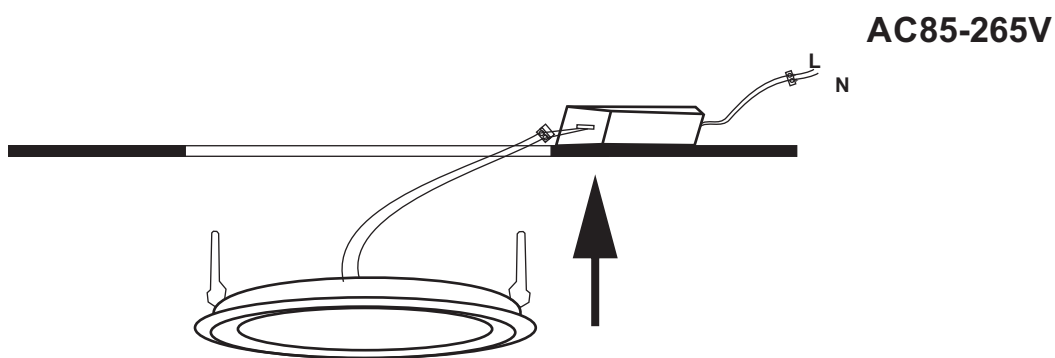
Installation Drawing



1 Make the hole in the false ceiling according to the lamp size



2 Connect the lamp and driver connector and connect the driver with the main power source



3 Press the lamp springs up word and adjust the lamp in the false ceiling hole



4 Finally adjust properly the lamp in the finished way

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Projects Gallery

Model Town Baraat Ghar



Ghulab Fabrics



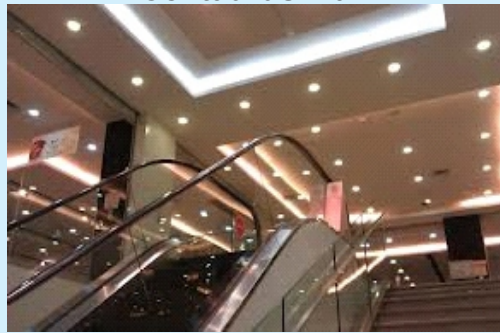
U Fone Head Office



Nishat Hotel



Centaurus Mall



Cyber Net



Chicken Cottage



Askari Bank





TM

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