

GT LED LIGHTS

Flood Lights Series

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



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Get Technologies Flood Light Series uses high power Lumileds 3030 SMD to produce highest lumens. This High bright series is ideal for large sign illumination, building facade lighting, and other large architectural structures. 100~277 VAC operation with built in UL recognized Meanwell constant current driver. Weatherproof IP65 rating. Reliable compact thermal design. Attached mounting bracket included. It is in Warm White, Cool White with wide flood 140 degree beam patterns.



Applications

- Tunnel Lighting
- Underpasses Lighting
- Corporate Campus Lighting
- Education Facilities Lighting
- Healthcare Facilities Lighting
- Industrial & Warehouse
- Municipal Lighting
- Petroleum & Convenience Lighting
- Recreation & Public Lighting
- Restaurant & Hotel Lighting
- Retail & Grocery Lighting





Specifications

Item Code:	GTFLC30	GTFLC50	GTFLC80	GTFLC100	GTFLC150	GTFLC200
Total System Consumption (W):	30	50	80	100	150	200
Working Voltage:	AC 100 ~277V					
Power Factor:	>0.90					
Total Harmonic Distortion(THD):	< 20%					
Driver & Driving Current:	Mean Well, Constant current Driver					
Luminair Luminous Flux(Lm):	3600	6000	7200	12000	18000	24000
LED Chip used:	Lumileds 3030					
Color Temperature:	Warm White, Natural White, Cool White (3000-3500K/4500 - 5000K/6000 - 6500K)					
Beam Angle:	140°					
Working Temperature:	- 40 °C ~+55 °C					
Working Relative Humidity:	10-90%					
CRI:	>70					
Classifications:	IP 66,IK10					
Fixture Material:	Housing: Die Cast Aluminum Gasket: Heat Resistant Silicon Rubber Glass: Toughened Glass					
Installation:	Bracket (Wall, Ceiling, Ground)					
Fixture Color:	Black					
Life Span:	> 50,000 hours(70% lumen maintenance @Ta=35 °C)					

Unique Features/BOQ Specifications

Product Model: GTFLC30,GTFLC50,GTFLC80,GTFLC100,GTFLC150,GTFLC200

Power Tolerance Range: Driver input voltage range is 100~277V

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: Lumileds 3030

LED Chip Efficiency: Very high luminous efficiency i.e 160-170 Lm/Watt



Features & Benefits

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

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

Low Maintenance Cost: IP 66 housing and 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 277V.

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 while driving.

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.

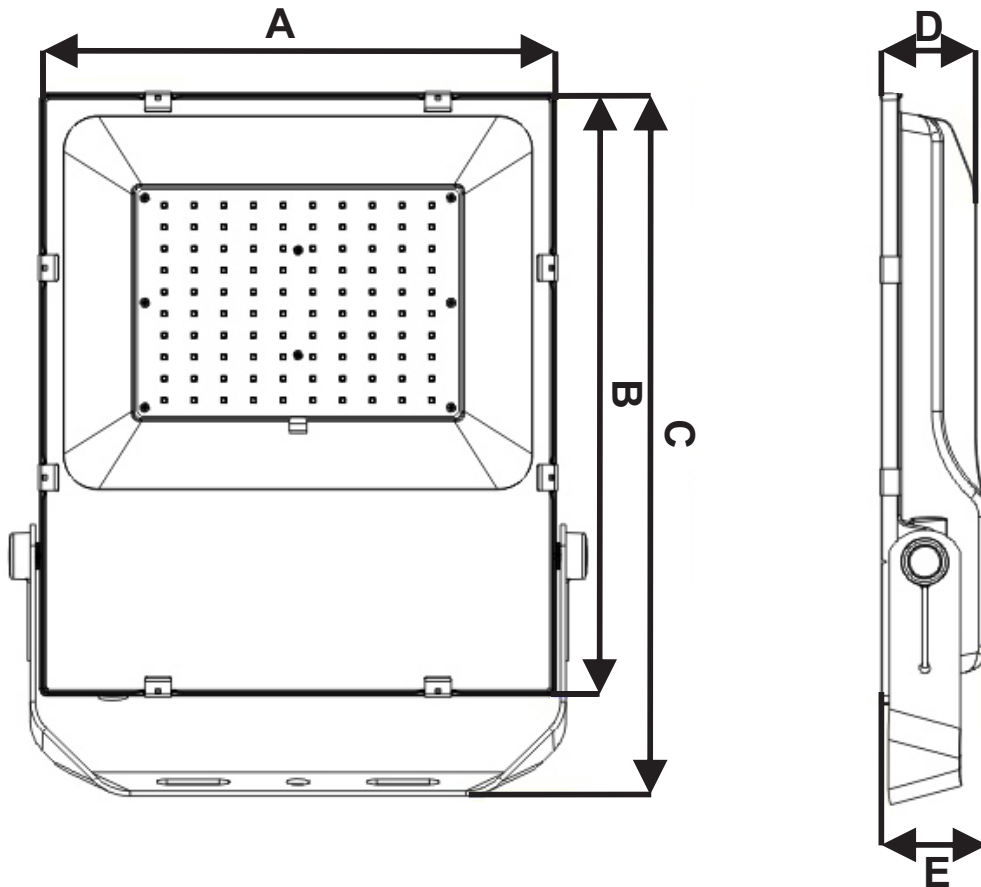
Power Factor Improvement: Get Technologies LED lights power factor is near to unity so there are no power losses.

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 Drawing



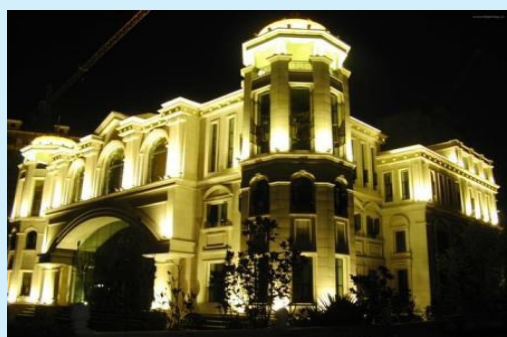
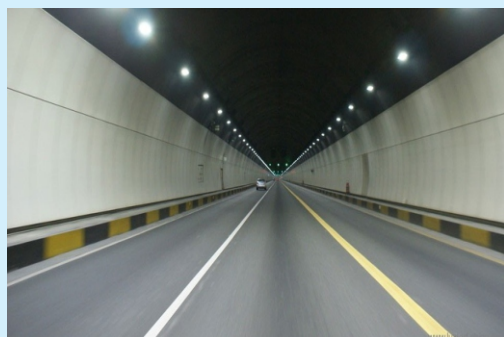
Product Code	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)
GTFLC30/GTFLC50	220	265	310	47.5	50
GTFLC80/GTFLC100	295	345	402	53.5	60
GTFLC150	330	365	430	53.5	60
GTFLC200	360	400	470	53.5	60

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Projects Gallery





GetTechnologiesTM

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