

# GetTechnologies

## Getbright Street Lights Series

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



# GT LED LIGHTS

## Getbright Street Lights Series

High efficient GETBRIGHT Series street light can meet high level illumination requirements, long lasting and stable performance make this design most popular for high ambient temperature environment. Enhanced optic lens, makes this IP66-rated area luminaire the most versatile to date, providing exceptional lighting performance, better uniformity and reduced total cost of ownership in variety of applications, 1-90 degree angle adjustment, motion sensor (Optional), advanced thermal management system contributes to unparalleled lumen maintenance.



## Applications

- Highways & Expressways .
- City main traffic roads.
- City shopping & commercial roads.
- Industrial roads.
- Residential streets.
- Parking Lot Lighting.





## Specifications

Item Code:	GETBRIGHT-50W	GETBRIGHT-70W	GETBRIGHT-100W	GETBRIGHT-120W
Total System Consumption(W):	50	70	100	120
Working Voltage:	AC 100-277V			
Power Factor:	<0.95			
Total Harmonic Distortion(THD)	>15%			
Driver	Mean Well/Get Technologies/Philips			
Luminair Luminous Flux(Lm)	7000	9800	14000	16800
LED Chip used:	Cree/Nichia/Lumileds 3030			
Color Temperature:	3000-3500K/4500-5000K/6000-6500K			
Junction Temperature:	<80%			
Working Temperature:	-40~+50°C			
CRI:	>70			
Classifications:	IP 66 ,IK 08			
Surge Protection:	10 KV			
Fixture Material:	Housing :Die cast Aluminum Gasket :Heat Resistant Silicon Rubber			
Light Distribution Pattern:	Lens: Type III, Type IV, Type V			
Installation:	48 - 65mm pole, 1-90 Degree angle adjustment			
Recommended Height	<12m			
Fixture Color:	Gray			
Life Span:	>50000 hours,70 % lumen maintenance (Ta=35 °C)			
Maintenance:	Tool less opening of control gear compartment Tool less gear tray replacement			
Future Upgradation:	Enough Driver Compartment Space for Li-Ion Battery and Solar charge Controller for future up gradation to solar system			

## Unique Features/BOQ Specifications

**Future Upgradation :** Enough Driver Compartment Space for Lithium Battery and Solar charge Controller for future up gradation to solar system

**Arm Angle Adjustment :** in built  $\pm 90^\circ$  Arm angle adjustment.

**Power Tolerance Range :** Driver input voltage range is 100-277V.

**Operating Ambient Temperature :** Light can perform at  $-40^\circ\text{C} \sim +50^\circ\text{C}$ .

**Driver Power Quality :** Power Factor is  $>0.95$  and THD $<15\%$ .

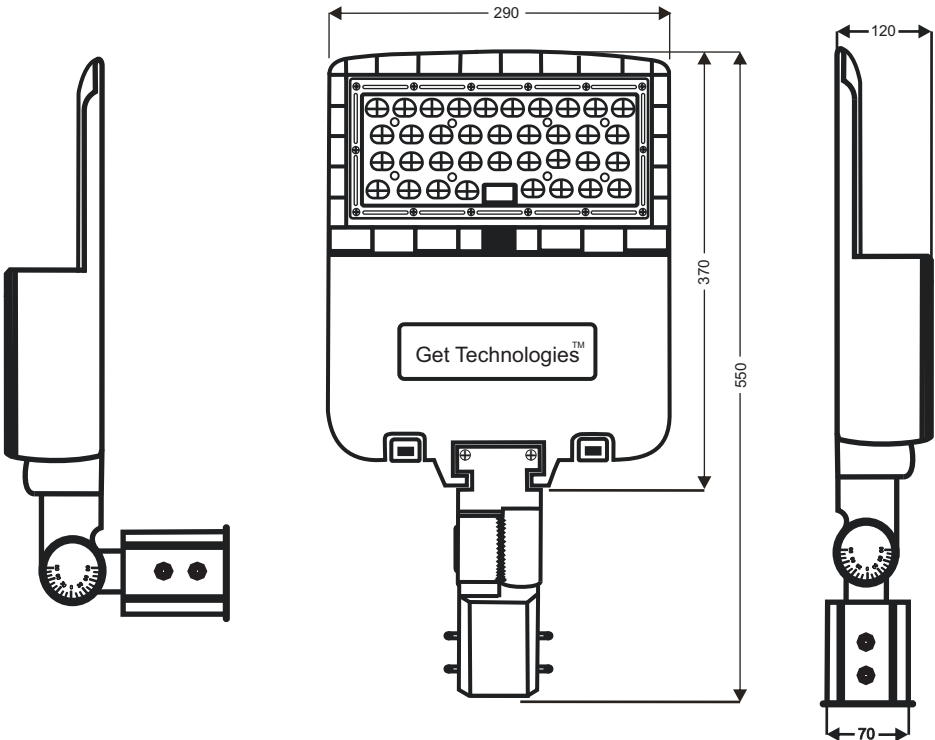
**LED Chip :** Cree/ Nichia/ Lumileds 3030.

**Light Efficiency :** Very high luminous efficiency of LED Chip  $>195 \text{ Lm/Watt}$  & Luminaire output  $>140 \text{ Lm/Watt}$ .





Light Design & Drawing



## Solar LED Street Light

### High Power Specially for Express -Way



Key Advantages

#### ULTRA HIGH LUMENS

Nichia/Cree SMD3030 adopted, 195lm/W from LED and >140lm/w for luminaire output.

#### PERFECT LIGHTING DISTRIBUTION

Type III, Type IV distribution with more smooth performance, covering wider and longer distance.

#### MORE BACKUP

It is capable to provide 2~3 days as autonomy depending on different lighting modes. Max 24 hours working with full charge. Same LED power can be equipped with different battery size according to your budgets.

#### PROGRAMMABLE

Smart solar controller built-in, power brightness and lighting time are adjustable via remote controller.

#### WIRELESS INTELLIGENT CONTROL SYSTEM

Intelligent control system is available based on 4G technology, Changing lighting working modes or monitoring light status or battery status can be realized via mobile / iPad / computer anywhere.

#### EXTERNAL SOLAR PANEL

Solar panel separated from light allows to increase power to meet the solar radiations in different latitude and longitude. Max 200W solar panel is allowed for 70W LED with 9800lm output.

#### COMPACT SYSTEM

Battery and solar controller, sensor are built-inside of light, only need to be connected to 18-60V system, NO more other operation, easy, simple and quick installation.



MC4 Connectors



Smart Controller



Lithium Battery



Nichia/Cree LED



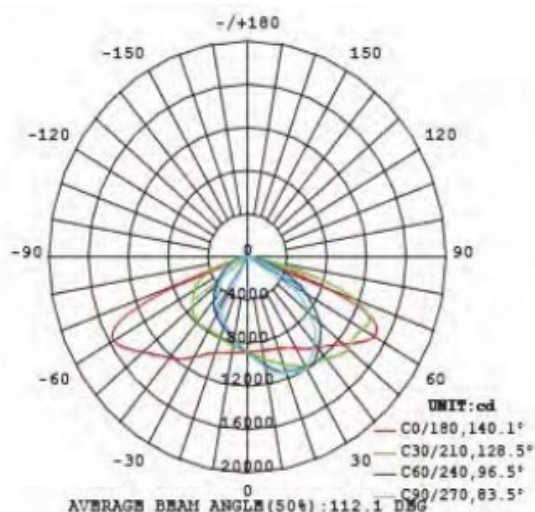
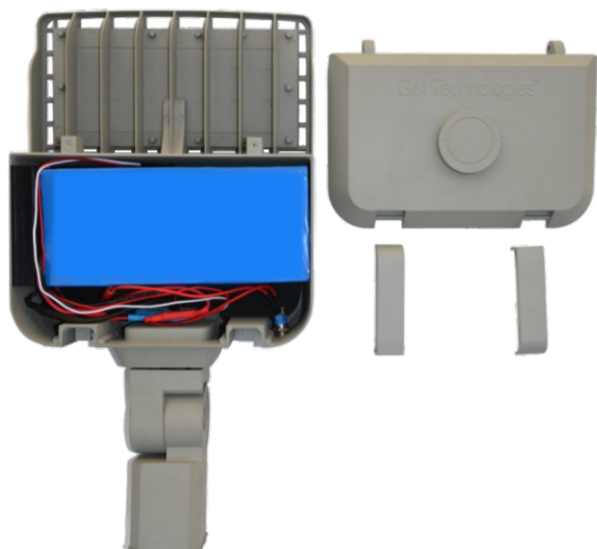


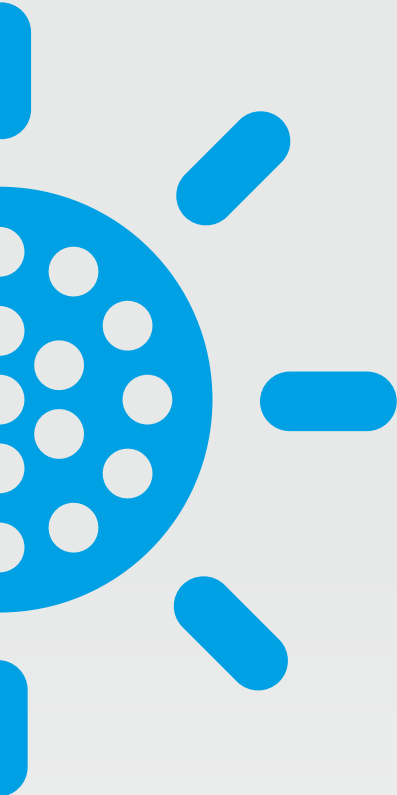
## Specifications

Model No.	GETBRIGHT-30W	GETBRIGHT-50W	GETBRIGHT-70W	GETBRIGHT-100W	GETBRIGHT-120W
Fixture IP	IP66				
Material	Aluminium Die Casting				
LED Type	CREE/Nichia SMD3030				
CCT Range	3000K - 6000K				
Beam Angle	140° * 70 °				
CRI	>80				
LED Chip Efficiency	195lm/Watt				
Power max	30W	50W	70W	100W	120W
Battery Capacity (LiFePO4)*	300-450WH	450-600WH	600-750WH	750-860WH	860-1100WH
Charge Time	5 Hours				
Discharge Time	>24 Hours				
Control System	Programmable MPPT Controller / Hybrid Controller / Wireless Intelligent Control				
Solar Panel*	>100W	>150W	>200W	>250W	>300W
Cell Type	Monocrystalline/ Polycrystalline				
Working Temp.	-20 °C ~ +65 °C				
Control Method	Manual ON/OFF / Automatically ON/OFF / Time Control				
Lighting Modes	100% Continuous lighting / Energy saving /Motion Sensor/Customized modes.				
N.W/Light	5.85Kg	6.80Kg	8.20Kg	9.30Kg	10.30Kg
G.W/Light	6.0Kg	6.95Kg	8.35Kg	9.45Kg	10.45Kg
Certificates	CE, ROHS, IP66, IK10 ,LM79,LM80				

\* Battery Capacity & Solar Panel can be changed as per requirement

## Internal Structure & Photometric





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