



Pole Height	6m	8m	10m	12m
Luminaire	40W	60W	80W	100W
LED Chips	Lumileds/ CREE			
Solar panel	Monocrystalline Solar panel			
Battery	Lithium Battery			
Controller	MPPT/PWM/Hybrid controller			
Charging Time	6-8Hs			
Autonomy	> 48 h (with fully charged battery)			

Solar Panel

A GRADE high efficient  
Mono: 18% convert efficiency  
Poly: 17% convert efficiency

Lithium battery

fully sealed construction  
Aluminum battery box  
under solar panels  
3-4 days rainy days back up

Smart Controller (PWM or MPPT)

Automatic light and time control

Light Fixture

LED Wattage: 60/90/120W  
Chips: Lumileds 3030 or 5050  
Housing: die casting aluminum



Product data-RL-GT

Main Features

Optical cover / lens type	Polycarbonate
Command interface	IR remote control
Guarantee	3-5 years
Dimmable	Yes
Automatic Dusk to dawn detection	Yes

Electrical Specifications

Battery type	Lithium iron phosphate/ GEL battery
Battery charge and discharge cycles	2000-3000
Panel type	Monocrystalline
Type of charge controller	MPPT/PWM
Power	60-120 W
Configuration possibilities	Configurable
Protection index code	IP66
Autonomy	> 48 h (with fully charged battery)