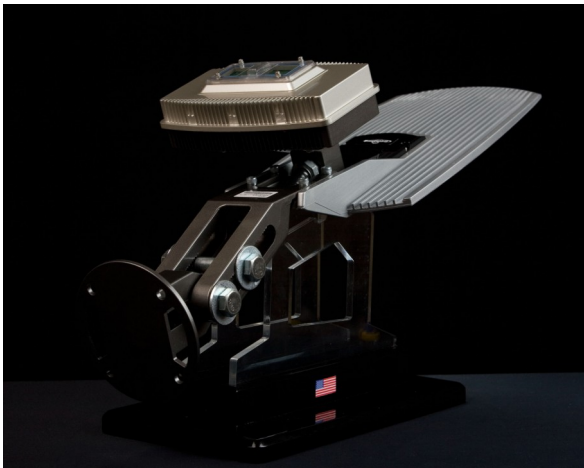
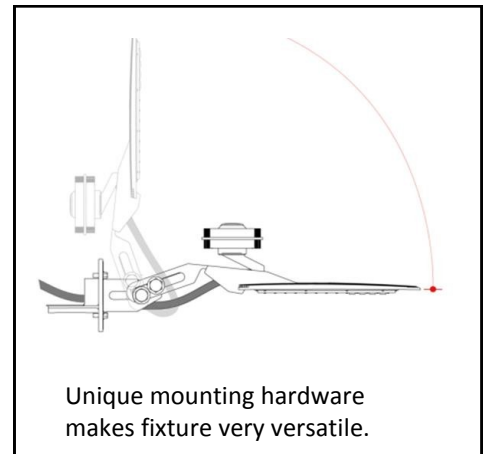


The Next Generation in Outdoor LED Lighting

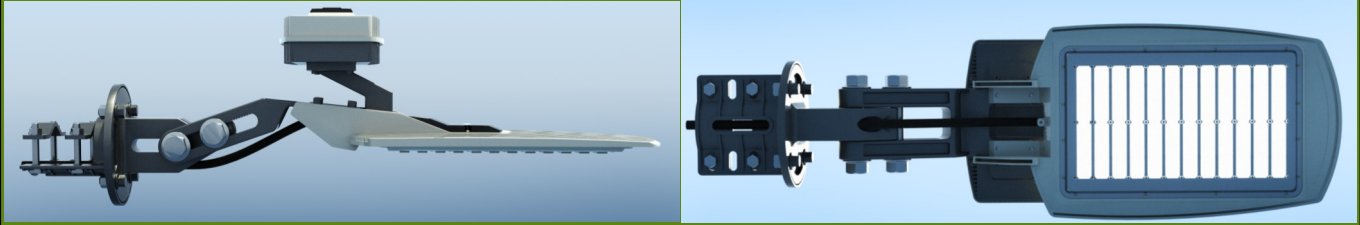
# Galaxy™

## Unique Features

- Advanced heat dissipation technologies (patented) for long-term reliability
- Redundant embedded light sensors (patent pending) designed to last a lifetime
- Micro-controller based smart light (micro works with light sensors to further reduce power consumption at dusk and dawn, when full brightness is not needed)
- Separated power supply provides better thermal management
- "Zero air gap" LED mounting assures thorough transfer to heat exchange surface
- Metal core printed circuit board delivers superior heat dissipation
- Modular construction for ease of field maintenance
- Philips Lumiled LUXEON® Rebel LEDs rated at >60,000 hours
- Texas Instruments drivers, best quality
- LEDIL custom optical grade PMMA lens, resists impact damage
- Durable cast aluminum alloy shell, with stainless steel screws
- Lightning and surge protection, MOVs and arc tubes
- Dark Sky rated full cut-off reduces light pollution
- Unique futuristic design (patented)



# Technical Specifications



Model	GLX24	GLX30	GLX36	GLX42	GLX48	GLX54	GLX60	GLX66	GLX72
Number of LED	24	30	36	42	48	54	60	66	72
Typical Lumens	3,900	4,875	5,850	6,825	7,800	8775	9,750	10,725	11,700
Power Consumption	57W	71W	86W	100W	114W	129W	143W	157W	171W
<b>Electrical</b>									
Input Line Voltage	85-300 VAC standard; 345-500 VAC optional								
Frequency	50/60 Hz								
Power Factor (PF)	>0.95								
Surge/Spike protection	10 KV, MOVs and arc tubes								
Total Harmonic Distortion (Thd)	<10%								
Forward Current	700mAmps								
<b>Optical</b>									
Light Source	Philips Lumiled® LUXEON Rebel >60,000 hours								
Correlated Color Temperature (Kelvin)	4,500 K to 6,000 K								
Custom Design Lens Source	LEDIL								
Delivered Light Efficiency	>90%								
Beam Pattern	Hybrid (III & IV mixed)								
Light Delivery Rating	Full cutoff (with Dark Sky certificate)								
<b>Operating Environment</b>									
Operating temperature	-40C to +50C; -40F to +122F								
Coastal Applications	Engineered to meet IP-65 standards								
Certifications	ETL (to UL standards), CE, RoHS, NOM, IDA								
<b>Mechanical</b>									
Dimensions	922 X 280 X 264 mm / 36.2 X 11 X 10.4 in								
Weight	10.5 Kgs / 23.1 lbs								
Casing material	Aluminum alloy								
Lens material	Optical Grade PMM with high UV & temperature resistance								



# GREENSTAR