

LED Light Tech™ LED Garage Light

The LED garage light has been designed using only the highest quality components for industrial or commercial applications where reliability and performance are critical as the bulb maintenance is difficult and costly.

Every component of the LED garage light has been carefully engineered to provide the most reliable performance and bring across many benefits of utilizing solid state lighting technology in industrial applications.

SPECIFICATIONS:

Based 90W LED Garage Light Fixture (See next page for other wattage specifications)

- LED Chip Brand CREE XT-E
- Color Temperature 4500~5500K(2500~5500K Optional)
- Fixture Efficiency ≥90%
- Light Efficiency(IES) 83 lm/W
- Luminous Flux(IES) 7,610 lm
- CRI ≥70
- Beam Angle 120 DEG
- Input Voltage AC 100~277 VAC / 480VAC
- Output Voltage DC 35~47V
- Output Current 1.95A(Constant Current)
- Power Efficiency ≥93%
- Power Factor ≥0.95
- Lumen Maintenance L70>150,000 hours
- Fixture Material Aluminum Alloy
- IP Rating IP65
- Working Temp. -30~+55°C



FEATURES & BENEFITS

- Flexible, modular design
- Multiple choice of optical lenses
- Advanced, vortex air flow thermal management
- Easy, low cost maintenance and repair



30W LED Light Engine




50W LED Light Engine



Hinged Housing Design



LED Garage Light	50W	90W
Comparable HID	150W	250W
Technical Parameters	50W Garage Light	90W Garage Light
LED Light Engine	50W×1	30W×3
Comparable To HID Input	150W	250W
Voltage	AC 100~277V	AC 100~277V
Power Frequency	47~63Hz	47~63Hz 90W
Total Power Consumption	55W±5W	±5W 82W±5W
LED Power Consumption	52W±5W	Cree XT-E, 42pcs
LED Chip	Cree XT-E, 24pcs	≥0.95
Power Factor	≥0.95	≤15%
Total Harmonic Distortion	≤15%	83 lm/W
Luminaire Efficiency(IES)	88 lm/W	7,610 lm
Luminous Flux(IES)	4,401 lm	≥70
CRI	≥70	
Colour Temperature	4500~5500K (2500~5500K Optional)	4500~5500K (2500~5500K Optional)
Beam Angle	85/135°(120° Optional)	120°
IP Rating	IP65	IP65
Operating Temperature	-30 to 55°C(-22 to 131°F)	-30 to 55°C(-22 to 131°F)
Humidity	15% to 90%RH	15% to 90%RH
Lumen Maintenance	L70> 150,000Hrs	L70> 150,000Hrs
Light Fixture Material	Aluminum Alloy	Aluminum Alloy
Dimensions(L×W×H)	200×200×175mm	400×400×180mm
	Illumination-85/135 Degree Beaming Angle Height Rectangular Light Spot LUX 3m 5×14m 93LUX 4m 7×19m 61LUX 5m 9×24m 42LUX 6m 11×29m 30LUX 7m 13×34m 23LUX	Illumination-120 Degree Beaming Angle Height Beam Diameter LUX 5m φ17m 92LUX 6m φ21m 66LUX 7m φ24m 50LUX 8m φ28m 39LUX 9m φ31m 31LUX



Economy

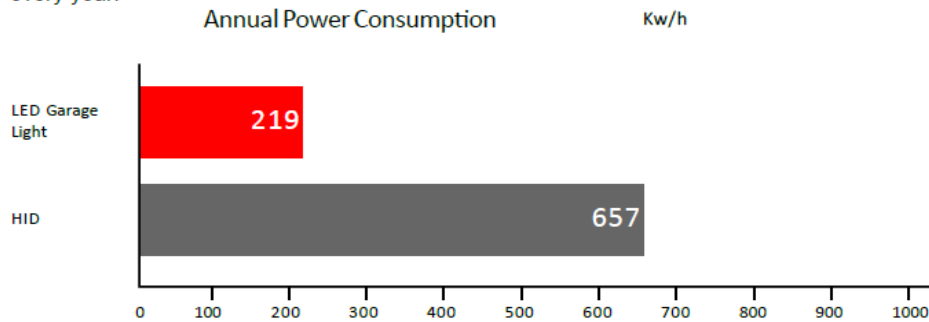
The best choice in reducing the effects of surging power costs across over world

Saves up to 67% of power compared to Traditional Metal Halide light.

Power Consumption	Luminous Flux	Suspension Height	Comparable Traditional Metal Halide Light	Energy Saving
50W	4,401 lm	3 to 7m	150W HID	67%
90W	7,610 lm	5 to 9m	250W HID	64%

Efficiency

Annual power consumption calculation is based on 12 lighting hours per day, 365 days per year. As a direct replacement of 150W Traditional Metal Halide Light, a 50W Smart Garage Light saves 438 Kw/h every year.



Environment

Carbon Emissions

Reduces carbon footprint by up to 67%, compared to Traditional Metal Halide light.

Industry Applications

Good safe. No glass to shatter. Easily cleaned.

Health & Safety

Instant on. No delayed start-up after power outage.
Uniform light colour and intensity across the work space.
No mercury or other hazardous components.
Recyclable.



PRODUCT ORDER CODE:

Product Order Code Example: LLT-19-GL-50-1-1-2-5-1

*If needed in 480VAC please add -480 to the end of the product code

LLT	19	GL						
			Wattage	Beam Angle	Dimmability	IP Rating	Mount	CCT
			50	1 = 120	1 = Non Dimmable	1 = IP65	1 = Hook & Chain	1 = 2500-3500K
			90		2 = Dimmable	2 = IP67	2 = Pendant	2 = 3500-4500K
							3 = Surface	3= 4500-5500K