



GENPLUS AUTO PARTS CO., LTD.

No. 139, Zhongshan Road, Daya Dist., Taichung City 428, Taiwan
Tel: +886-4-25601925
Fax: +886-4-25601065
Email: sales@genplus.com.tw
Website: www.genplus.com.tw



ADVANCE
PERFORMANCE LIGHTING
INNOVATIVE



LIGHTS | FOG DRL WORKING

TABLE OF CONTENTS

01
WHY CHOOSE GENPLUS

09
LED FOG LIGHTS 90MM

15
LED FOG LIGHTS 70MM

17
LED FOG/ DAYTIME RUNNING LIGHTS

18
LED DAYTIME RUNNING LIGHTS

19
LED WORKING LIGHTS

20
LED INTERIOR LIGHTS

G500 SERIES
G501 SERIES
G502 SERIES

G503 SERIES
G505 SERIES

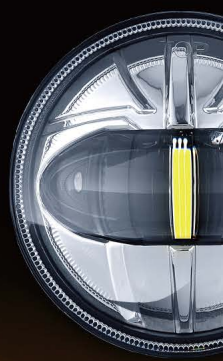
G925 SERIES

G699 SERIES

G904 SERIES

G999 SERIES

FEATURE PRODUCTS



ABOUT GENPLUS

DESIGN, MANUFACTURE AND DELIVER INNOVATIVE AND RELIABLE LIGHTING SOLUTION

Genplus Auto Parts was established in 2007. Ten years ago, we launched our first vehicle lighting –Daytime Running Light. Nowadays, with 10 years in LED automotive lighting system development and manufacturing, we are able to provide a wide range of reliable and premium LED lighting fixtures, including headlights, fog lights, daytime running lights, and working lights.

The clients' needs are our guidelines to develop innovative and tough lighting. We listen to the clients and take pride in putting out the uncompromising and superior LED lighting system based on our abundant know-how, lighting system R&D ability, and strict quality assurance to keep our clients satisfied is the goal we are constantly striving toward. We do what is right for our clients.

QUALITY ENSURED



COMMITMENT TO QUALITY

QUALITY AS A PRIORITY

Test procedures and quality monitoring frequently, we do these to ensure the quality of our products is above and beyond that which is required.

✓ WATERPROOF

Products are tested for leak tightness by undergoing the intermittent and splash water test to ensure they are sealed properly.

✓ PREMIUM OPTICS

Each optic is designed based on our engineering knowledge and the feedback of end users. To develop the best optic in the industry is the goal we are constantly striving toward.

✓ COOLING

To prevent damage to the LEDs and components and transfer the heat from the circuit board by optimal thermal management system for years of trouble-free operation.

✓ LONG TERM DURABILITY

LEDs provide over 50,000 hours long service life.

✓ RAPID TEMPERATURE CHANGE RESISTIBLE

Products are exposed to temperature fluctuations from -40°C to +80°C to ensure that they can withstand these great temperature fluctuation challenges.

✓ EMC APPROVAL

LIGHTING TECHNOLOGY

LED VS HID VS HALOGEN



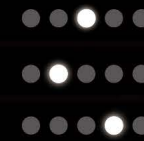
LED



LEDs produce greater illumination from each watt of electricity and have no filaments that allows they burn cooler than other light sources because unnecessary heat is not created. LEDs require very low power to work compared to halogen and HID, in fact, energy saving is so great. The lifespan of LEDs is much longer than HID and Halogen thanks to extremely resistant to shocks and vibrations. This allows them to provide anywhere from 10,000 – 50,000 hours of service. As technology continues to improve expect even longer.



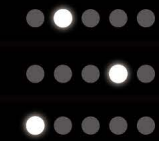
HID



The HID lights produce more light and more efficiently than halogen which consuming less power. HIDs need a few seconds (usually 15-20) to reach full brightness, from the time you switch it on. The HID light is a common lighting fixture in today's vehicles because of their various color temperature and how bright they can get. The lifespan of HID light is 1,000 - 2,000 hours.



HALOGEN



The replacement cost of Halogen bulbs is low and can come in many sizes and shapes to fit most vehicles. The issue is that when HID bulbs emit light, they generate excess heat and waste energy. The life expectancy is around 500 – 1,000 hours.

KNOW THE DIFFERENCE

LIGHTING PATTERNS AND USAGE

FOG



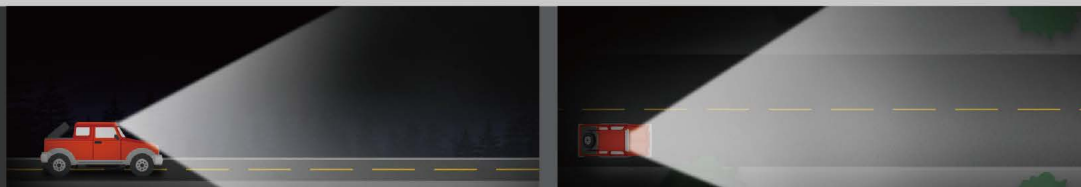
A low and wide beam that effectively penetrates fog, heavy rain and intense snowfall. Fog lights can provide extra illumination of road surface in front of the vehicle which are very helpful addition to headlights in inclement weathers. Fog lights are designed to direct light off to the sides of road rather than driver's line of sight, so typically they are mounted underneath the front bumper and point low with wide yet short light beam patterns.

SPOT BEAM



A narrow (8° - 10° spread), long and more concentrated beam for maximum distance and penetrate deep into the night. Spot lights are meant to be mounted up high in a position where they can easily pinpoint any specific area. This is good for specific task type lighting or additional visibility when driving at night.

FLOOD BEAM



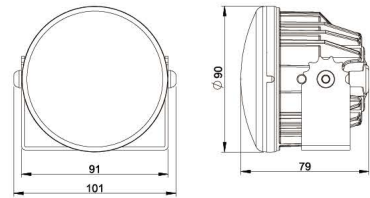
A spread wide (60° - 120°) of light and with great distance for lighting up a dark and wide-open area. It is much wider than what a typical headlight can produce. For general use, flood lights are useful in farm, industry, mining, and construction applications. For off-road, they also do a great job to light up an off road trail that may have overhead tree that you want to see when affixed to vehicle roof tops.

LED FOG LIGHTS 90MM

G500 SERIES



G500012



G500112

ITEM#	WATTS	AMP DRAW @12V	AMP DRAW@24V	DIMENSIONS	CERTIFICATION
G500012	14W	1.18A	0.59A	H90 x W101 x D79 mm	ECE
G500112	14W	1.18A	0.59A	H90 x W101 x D79 mm	



G500013

G500113

ITEM#	WATTS	AMP DRAW @12V	AMP DRAW@24V	DIMENSIONS	CERTIFICATION
G500013	14W	1.18A	0.59A	H120 x W95 x D82 mm	ECE
G500113	14W	1.18A	0.59A	H120 x W95 x D82 mm	



G500014

G500114

ITEM#	WATTS	AMP DRAW @12V	AMP DRAW@24V	DIMENSIONS	CERTIFICATION
G500014	14W	1.18A	0.59A	H126 x W126 x D82 mm	ECE
G500114	14W	1.18A	0.59A	H126 x W126 x D82 mm	

LED FOG LIGHTS 90MM

G501 SERIES

ITEM#	WATTS	AMP DRAW @12V	AMP DRAW@24V	DIMENSIONS	CERTIFICATION
G501052	14W	1.18A	0.59A	H90 x W101 x D79 mm	ECE

ITEM#	WATTS	AMP DRAW @12V	AMP DRAW@24V	DIMENSIONS	CERTIFICATION
G501053	14W	1.18A	0.59A	H120 x W95 x D82 mm	ECE

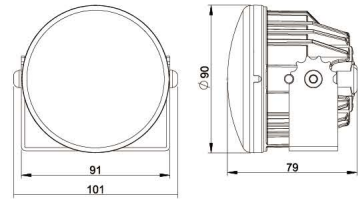
ITEM#	WATTS	AMP DRAW @12V	AMP DRAW@24V	DIMENSIONS	CERTIFICATION
G501054	14W	1.18A	0.59A	H126 x W126 x D82 mm	ECE

LED FOG LIGHTS 90MM

G502 SERIES

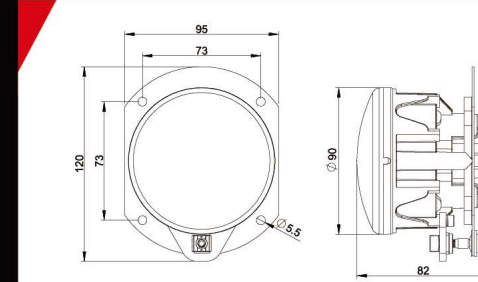


G502022



G502042

ITEM#	WATTS	AMP DRAW @12V	AMP DRAW@24V	DIMENSIONS	CERTIFICATION
G502022	14W	1.18A	0.59A	H90 x W101 x D79 mm	ECE
G502042	14W	1.18A	0.59A	H90 x W101 x D79 mm	

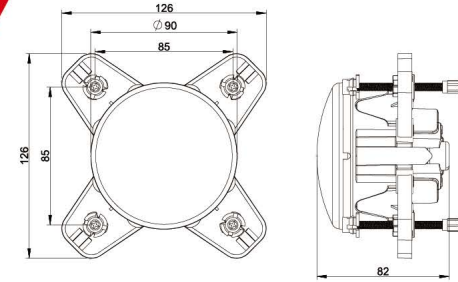


G502023



G502043

ITEM#	WATTS	AMP DRAW @12V	AMP DRAW@24V	DIMENSIONS	CERTIFICATION
G502023	14W	1.18A	0.59A	H120 x W95 x D82 mm	ECE
G502043	14W	1.18A	0.59A	H120 x W95 x D82 mm	



G502024

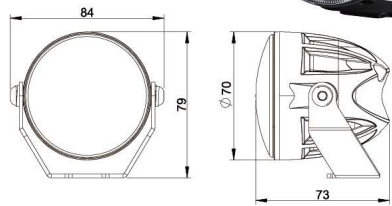


G502044

ITEM#	WATTS	AMP DRAW @12V	AMP DRAW@24V	DIMENSIONS	CERTIFICATION
G502024	14W	1.18A	0.59A	H126 x W126 x D82 mm	ECE
G502044	14W	1.18A	0.59A	H126 x W126 x D82 mm	

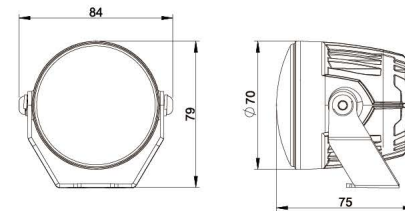
LED FOG LIGHTS 70MM

G503 SERIES



ITEM#	WATTS	AMP DRAW @12V	DIMENSIONS	CERTIFICATION
G50301	10W	0.85A	H79 x W84 x D73 mm	ECE

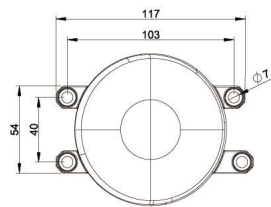
G505 SERIES



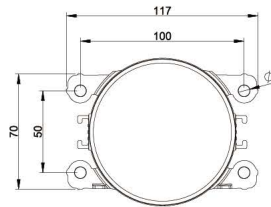
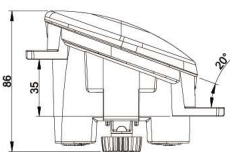
ITEM#	WATTS	AMP DRAW @12V	DIMENSIONS	CERTIFICATION
G50501	11W	0.9A	H79 x W84 x D75 mm	ECE

LED FOG & DAYTIME RUNNING LIGHTS

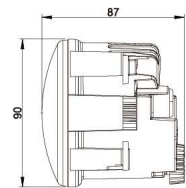
G925 SERIES



G92501



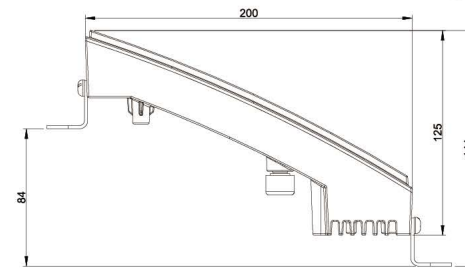
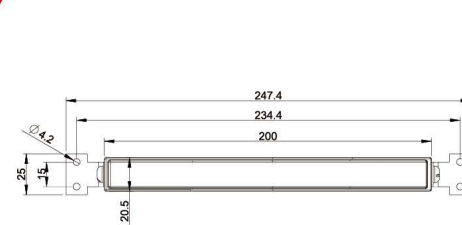
G92502



ITEM#	WATTS	FOG LIGHT AMP DRAW		DRL AMP DRAW		DIMENSIONS	CERTIFICATION
		@12V	@24V	@12V	@24V		
G92501	11W	0.59A	0.29A	0.29A	0.15A	H90 x W117 x D86 mm	ECE
G92502	11W	0.59A	0.29A	0.29A	0.15A	H90 x W117 x D87 mm	

LED DAYTIME RUNNING LIGHTS

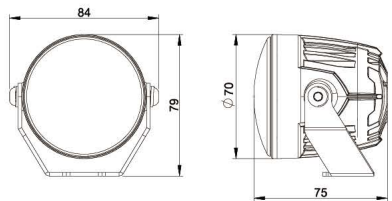
G699 SERIES



ITEM#	POSITION LIGHT WATTS		DRL WATTS		POSITION LIGHT AMP DRAW		DRL AMP DRAW		DIMENSIONS	CERTIFICATION
	@12V	@24V	@12V	@24V	@12V	@24V	@12V	@24V		
G69901	3W	3W	14W	14W	0.25A	0.13A	1.17A	0.59A	L200 x W20.5 x D125 mm	ECE

LED WORKING LIGHTS

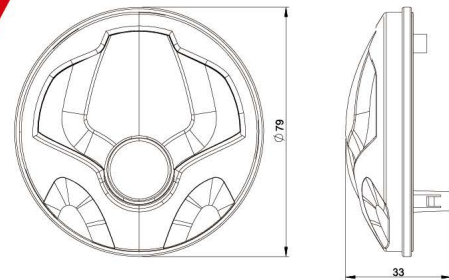
G904 SERIES



ITEM#	WATTS	AMP DRAW @12V	DIMENSIONS
G90401	10W	0.85A	H79 x W84 x D75 mm

LED INTERIOR LIGHTS

G999 SERIES



ITEM#	WATTS	AMP DRAW @12V	DIMENSIONS
G99901	2.4W	200mA	H79x W79 x D33 mm