

HALOGEN Head lamp insert



FEATURES

- Compatible with standard H4 halogen, HID or LED bulbs
- Suitable for 6-24V DC systems
- High/Low beam reflector
- Built in sealed 12V 5W T10 park lamp globe
- Internal globe shield
- Silicon external H4 boot seal
- Virtually unbreakable polycarbonate lens
- ADR/ECE approved lens & reflector
- Supplied as a pair



The Roadvision 7" high/low beam head lamp inserts offer a fully upgradable head lamp solution for sealed beam applications. Featuring a virtually unbreakable polycarbonate lens, internal globe shield, inbuilt park light bulb and full ECE approval, the BHLH4 can be fitted with standard H4 through to LED upgrade H4 kits.

PART NUMBERS



BHLH4
Head Lamp Insert High/Low Beam with Park 7" Pair

SPECIFICATIONS

BHLH4

Beam Type	High/Low Beam with 12V 5W T10 Park
Light Source	Suitable for H4 Halogen, HID or LED

PHILIPS UPGRADES FOR BHLH4

+60% BRIGHTER

PowerVision

H4 Globe Kit 12V
12342PWVS2



+100% BRIGHTER

X-tremeVision

H4 Globe Kit 12V
12342XVSM



+130% BRIGHTER

X-tremeVision Plus

H4 Globe Kit 12V
12342XVPS2



INTENSE WHITE 4300K

WhiteVision

H4 Globe Kit 12V
12342WHVS2



+60% BRIGHTER 4300K

CrystalVision

H4 Globe Kit 12V
12342CVSM



ULTIMATE WHITE 5000K

DiamondVision

H4 Globe Kit 12V
12342DVS2



+150% BRIGHTER 6200K

LED X-treme Ultinon

H4 Globe Kit 12/24V - 12953BWX2



LED Head lamp insert



FEATURES

- High/Low beam 165mm LED head lamp insert
- 10-30V DC input & low current draw
- 15 x 3W LED's producing 2700lm
- Tough aluminium housing and sealed polycarbonate lens
- Waterproof to IP67
- Fits standard 165mm head lamp buckets



The Roadvision 165mm rectangular high/low beam inserts are perfect for LED head lamp upgrades in off road applications. Featuring 15 x 3W LEDs producing a massive 2700lm (45W), the RHL168 Series provide supreme off road performance. Built to withstand even the toughest off road conditions, the RHL168 Series feature a super tough Aluminium housing and sealed polycarbonate lens, and is Waterproof to IP67. Non-ADR compliant for off road use only.

PART NUMBERS



RHL168

Head Lamp LED High/Low Beam Rectangular 165mm

SPECIFICATIONS

	RHL168
Beam Type	High/Low Beam
Lumens Light Output (Effective)	2700lm
Light Source	15 x 3 Watt LED's
Power Watts	45W
Current Draw Amps	3A/high 1.2A/low @ 13.8V
Dimensions	168x108x78mm



FEATURES

- Instant light output surpassing 24 volt 70 watt halogen
- Produces a super white light temperature similar to daylight
- Super low power consumption of less than 0.8 amps
- 100,000 hour LED life span with solid state technology
- Zero maintenance for the life of the vehicle*
- Light weight die-cast aluminium housing
- Unbreakable polycarbonate lens
- IP69K ingress protection (submersible to 3m)
- Completely sealed from dust and water
- Supplied pre-wired with external driver box included
- Direct replacement for existing halogen lamps
- ADR/ECE approved
- 12V available on request



Making performance and productivity count... Original equipment quality head lamp systems combined with state-of-the-art LED technology. ROADVISION's new high performance head lamps are manufactured with LED's (Light Emitting Diodes) rather than regular halogen light bulbs. These high performance lamps are designed to be more efficient with a robust construction offering environmental sustainability with no maintenance required. Roadvision's LED head lamps are ideal for original equipment manufacturers and aftermarket retrofitting to modern styled trucks, buses and specialist vehicles. Roadvision's LED head lamps provide: reduced vehicle downtime and running costs, reduced engine, alternator and battery wear, zero maintenance for the life of the vehicle*, reduced fuel consumption, engine load and CO2 emissions, greater visibility and reduced road glare, greater durability and endurance and a five-year limited warranty.

- Energy Efficient • Environmentally Friendly • Durable & Long Lasting • No Maintenance Costs • No Downtime Costs.

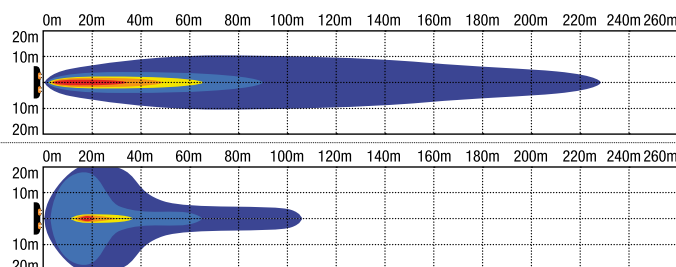
PART NUMBERS



RV90HB
Head Lamp LED High Beam 90mm



RV90LB
Head Lamp LED Low Beam 90mm



SPECIFICATIONS

	RV90HB	RV90LB
Beam Type	High Beam with Park	Low Beam
Lumens Light Output (Effective)	1000lm	700lm
Light Source	High Powered LED Modules 15W 4-chip plus 7.4W 2-chip	High Powered LED Modules 15W 4-chip
Power Watts	23W	17W
Current Draw Amps	0.8A @ 28.5V	0.6A @ 28.5V
Wiring	Supplied Pre-Wired with External Driver Box	Supplied Pre-Wired with External Driver Box
Dimensions	141.5x109.5mm	140.2x130.5mm

*Lifetime based on 100,000 hour LED lifespan



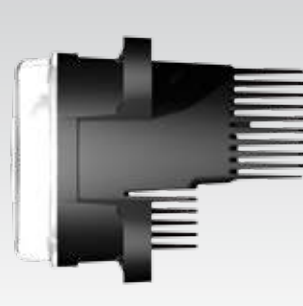
RV90HB Front View



RV90HB Side View



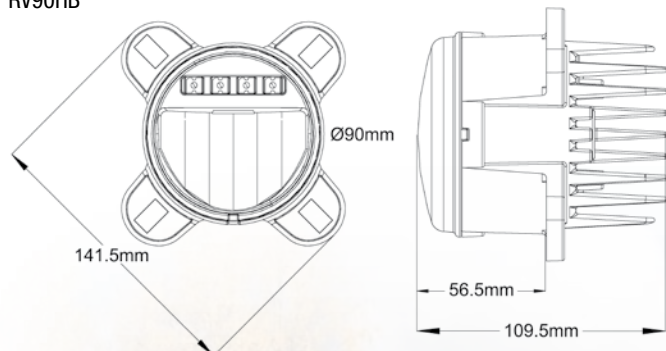
RV90LB Front View



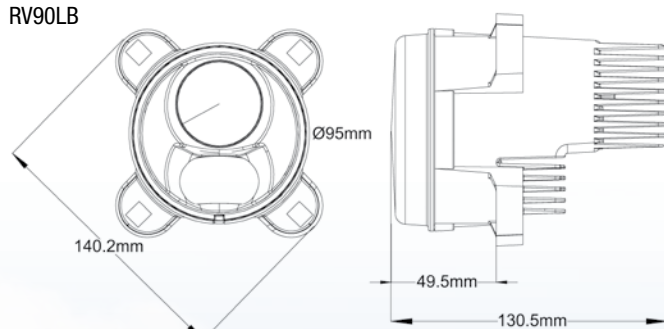
RV90LB Side View

LINE DIAGRAM

RV90HB



RV90LB



Save Time, Money and the Environment with Roadvision High Performance LED Head Lamp Systems

Making performance and productivity count



- Energy Efficient
- Environmentally Friendly
- Durable & Long Lasting
- No Maintenance Costs
- No Downtime Costs

RV90

LED Head Lamp Systems

MAKING PERFORMANCE AND PRODUCTIVITY COUNT

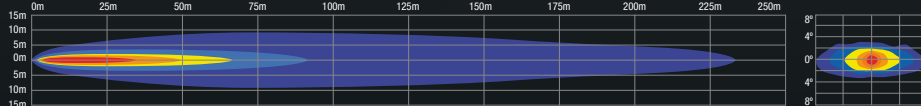


- > Energy Efficient
- > Environmentally Friendly
- > Durable & Long Lasting
- > No Maintenance Costs
- > No Downtime Costs

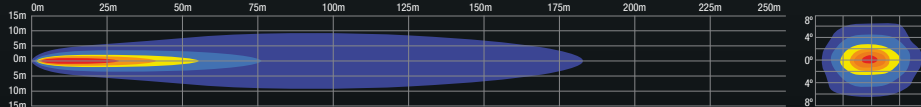


RV90 LED Performance is Clear

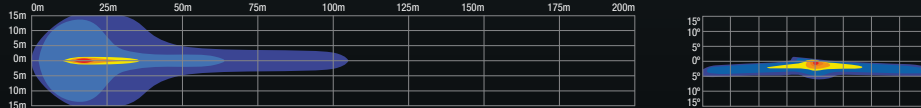
RV90 LED High Beam Pattern



Halogen High Beam Pattern



RV90 LED Low Beam Pattern

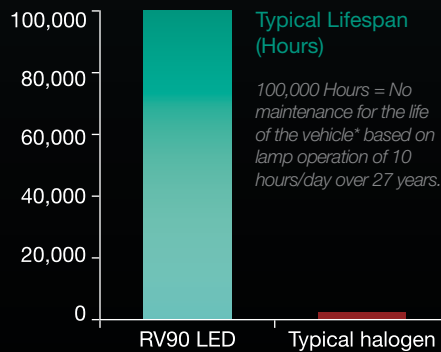


Halogen Low Beam Pattern



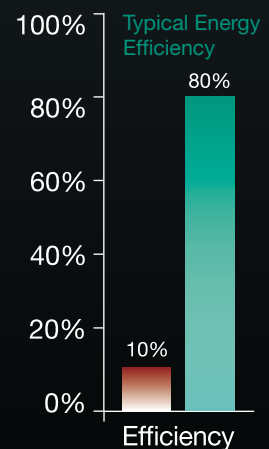
Reduced Maintenance and Downtime Costs

LED head lamps contain no filaments, no bulbs and no moving parts. As a result, LED head lamps have the lowest maintenance costs of any alternative lighting technology. Reduced maintenance cost is a major factor for implementing LED technology. The superior operating life of LED head lamps means that you will not only save money on replacement parts and labour, but also create significant reductions in vehicle down time.



Energy Efficiency

Roadvision's new high performance head lamp systems have been developed with LED's, which reduce the load on the alternator and battery charging systems. LED's are more than 80% energy efficient and have higher lumens per watt than standard halogen light bulbs.



LED's are a proven solution to keep a vehicles current draw low and ultimately provide an increase in fuel economy. 90% of the energy consumed by halogen lamps is lost as heat compared to less than 20% in LED lamps. Ultimately, LED technology provides equivalent light output from less energy consumption.

● Halogen (24V 70W) ● RV90 LED

Suitable for the following applications



Transport

Agriculture

Mining & Construction

Buses & Coaches

Recreational

Military

Speciality Vehicles

LED Head lamps



FEATURES

- 7" multi-functional high beam, low beam & park all in one light
- Instant light output brighter than traditional halogen lamps
- Produces a super white light temperature similar to daylight
- Multi-volt 9-32V DC input & super low current draw (<3amps)
- 100,000 hour LED life span with solid state technology
- Heavy duty cast aluminium housing polycarbonate lens
- IP67 – water & dust proof
- Fits existing cradle/bucket mounts
- Direct replacement for standard 7" sealed beams
- Supplied with H4 connector to plug into existing vehicle harness
- ADR/ECE approved for all functions
- 100% Designed & MADE-IN-USA



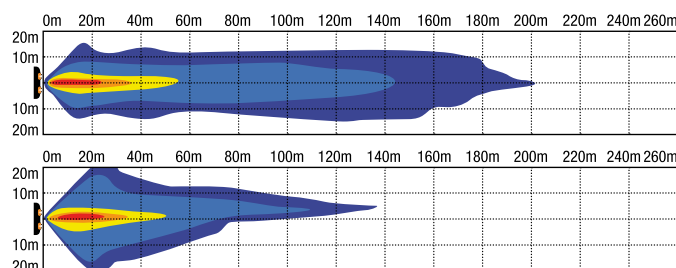
PETERSON's new Navigator 7" LED head lamp, 100% designed, engineered, tooled and manufactured in the USA! The 7" Navigator is an ADR approved drop in LED replacement for all standard 7" head lamp inserts, including popular halogen sealed beams. Peterson's new 701C high performance 7" head lamps are manufactured with LED's (Light Emitting Diodes) rather than regular halogen light bulbs. These high performance lamps are designed to be far more energy efficient than conventional halogen lamps, with a robust construction offering environmental sustainability with no maintenance required. Featuring high, low beam and park functions in the one lamp, the Navigator offers ultimate performance, durability and are built to last a lifetime*. Designed specifically for Australia, the Navigator produces a highly effective beam pattern delivering even light from directly in front of the vehicle, eliminating black spots produced by leading competitors lamps. With multi-voltage input, UV & impact resistant, hard coated polycarbonate lenses, vacuum metallised reflectors and heavy duty die cast aluminium housings, they offer superior construction quality and extreme durability. Peterson's Navigator LED head lamps are ideal for original equipment manufacturers and aftermarket retrofitting to modern styled trucks, buses and specialist vehicles and are a direct replacement for standard 7" head lamp inserts.

PART NUMBERS



V701C-ECE

Head Lamp LED High/Low Beam with Park 7" ADR/ECE




SPECIFICATIONS

V701C-ECE

Beam Type	High & Low Beam with Park
Lumens Light Output (Effective)	1350lm Low Beam, 1700lm High Beam
Light Source	2 LED Arrays
Power Watts	Low Beam 28W, High Beam 29W, Front Positional Light 0.6W
Current Draw Amps	Low Beam 2.1A @ 13.2V, High Beam 2.2A @ 13.2V, Front Positional Light 0.5A @ 13.2V
Wiring	Integrated H4 plug (low & high beams) and blade terminal (position lamp)
Dimensions	178mm Dia x 99mm

7" ROUND NAVIGATOR LED

MADE-IN-USA. LIFETIME WARRANTY.  PETERSON

100% Made-In-USA

Designed, engineered and manufactured in the USA with state-of-the-art optics and LED technology, the 7" Navigator produces a dramatically crisp beam with a wider, more even pattern and colour temperature that closely matches daylight. ADR legal LED drop in replacement for standard 7" head lamp inserts, the Navigator delivers superior construction quality and extreme durability and features high, low beam and park functions in the one lamp.



LOW BEAM

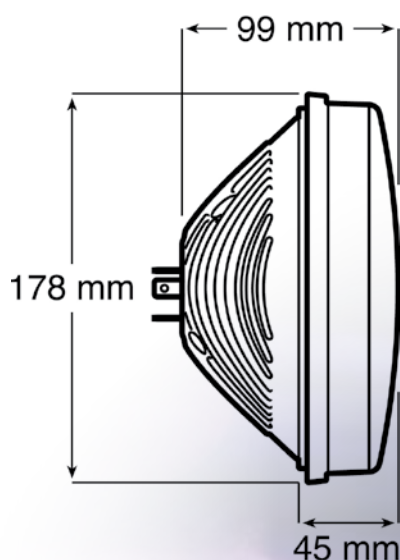


HIGH BEAM



PARK BEAM

LINE DIAGRAM



7" ROUND NAVIGATOR

MADE-IN-USA. LIFETIME WARRANTY



100% MADE-IN-USA BY PETERSON

Peterson's Navigator 7" LED head lamps are 100% designed, engineered and manufactured in the USA! Established in 1945 and with a heritage of building quality products stretching over 70 years, Peterson Manufacturing from the USA are trusted by the world's leading manufacturers. OEM on legendary American-made Cat's and Harley's for over a quarter century, Peterson Manufacturing are proud to be the brand that lights up legends!

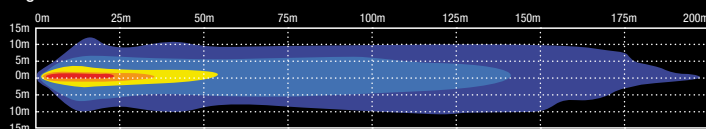
INVESTMENT FOR A LIFETIME

Navigator offers ultimate performance, durability and are built to last a lifetime*. With Peterson's Limited Lifetime Warranty, UV & impact resistant, hard coated polycarbonate lenses, vacuum metallised reflectors and heavy duty die cast aluminium housings, they offer superior construction quality and extreme durability.

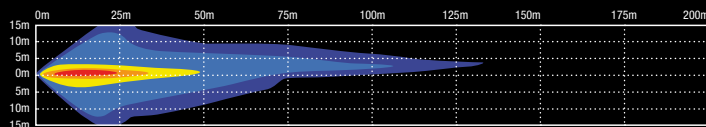
BETTER PERFORMANCE & VISIBILITY

Designed specifically for Australia, the Navigator produces a highly effective beam pattern delivering even light from directly in front of the vehicle eliminating black spots produced by leading competitor's lamps.

High Beam Pattern



Low Beam Pattern



NAVIGATOR LOW BEAM



Navigator low beam produces even light output from directly in front of the vehicle eliminating black spots produced by leading competitors lamps.

COMPETITOR LOW BEAM



ATORLED

WARRANTY.



PETERSON

MAKING PERFORMANCE & PRODUCTIVITY COUNT

Growth in vehicle electronics, power hungry on-board systems and the increasing cost of fuel have created the need for more efficient components to reduce the load on the alternator and battery charging systems. That's why Peterson's high performance Navigator head lamps have been developed with LED technology.

LED technology is far more efficient than conventional halogen systems achieving greater than 80% raw lumen efficiency. 90% of the energy consumed by halogen lamps is lost as heat compared to less than 20% in LED lamps. This wasted energy is conveyed

as wasted fuel to create the same light output. LED's are a proven solution to keep a vehicles' current draw low and ultimately provide an increase in fuel economy whilst delivering a 100,000 hour rated zero maintenance lifespan, 50 times longer than conventional halogen.

Reduced operating costs and fuel consumed due to the efficiency, longevity and durability of LED's means more money in your pocket. Combine this with zero maintenance, reduced engine BHP (Brake Horse Power), CO2 emissions and extended alternator and battery life and the savings are greater.

	Low Beam Consumption			
	Amps	Watts	BHP	Power Consumption Savings
Halogen (12V 60W)	9.1 Amps	120 Watts	0.346 BHP	
Navigator LED	4.2 Amps	56 Watts	0.159 BHP	
Savings	4.9 Amps	64 Watts	0.187 BHP	54%
LED % Savings	54%	54%	54%	

UPGRADE YOUR VEHICLE WITH EASE

7" Navigator is an ADR approved drop in LED replacement for all standard 7" head lamp inserts, including popular halogen sealed beams. Featuring high, low beam and park functions in the one lamp, Peterson's Navigator LED head lamps are ideal for original equipment manufacturers and aftermarket retrofitting to modern styled trucks, buses and specialist vehicles.

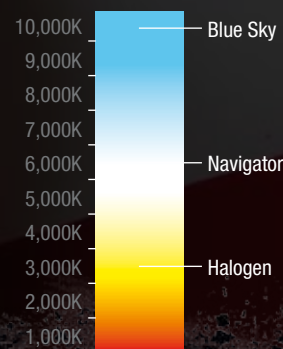
THE LATEST LED TECHNOLOGY

Peterson's new 701C high performance 7" head lamps are manufactured with LED's (Light Emitting Diodes) rather than regular halogen light bulbs. These high performance lamps are designed to be far more energy efficient than conventional halogen lamps, with a robust construction offering environmental sustainability with no maintenance required.

REDUCED GLARE

Kelvin Colour Temperature: 5400K-6300K

On-coming vehicle head lamps can have a blinding effect on other drivers so it's important to minimise any glare. LED head lamps generate clear, high contrast light which offers exceptional visibility in almost any condition. LED head lamps are designed to emit the right amount of light and colour to see and be seen by other road users. LED lamps produce a safer whiter light that is close to daylight – unlike halogen that produces an artificial yellow light output.



LOW BEAM



HIGH BEAM



PARK BEAM

ROADVISION
HIGH PERFORMANCE LIGHTS

LED Head lamps



FEATURES

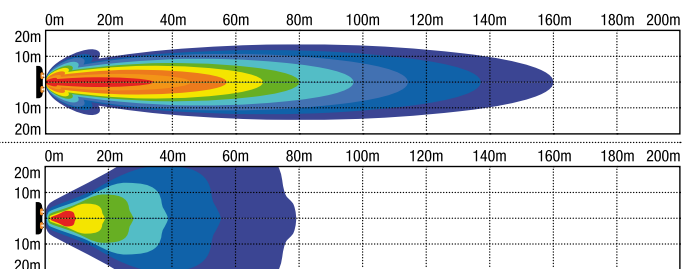
- DWL High-Low Series produce more light output than HID xenon - 2880 lumens
- Independent high (spot) & low (flood) circuits
- 9-32V DC input & low current draw
- Tough die cast aluminium housing and polycarbonate lens
- Water & dust proof IP68 rated (submersible to 3 metres)
- Vibration resistant with rubber shock isolators
- Stainless steel mounting bracket and hardware
- 2 x 2 pin weatherproof Deutsch plugs
- Maintenance free

ROADVISION's DWL High-Low Series deliver the versatility of dual circuit control for work and head lamp applications... Roadvision's DWL Series work lamps have been a proven performer for years in the harshest environments, just when you thought they couldn't get any better, Roadvision redesigned this popular series with the added benefit of dual control circuitry. Roadvision's DWL High-Low series are now a truly diverse work lamp that can even be used as a High-Low beam head lamp. Both circuits operate independently, utilising the high beam spot LED's and low beam flood LED's ensuring operators have control to achieve the most efficient use of light in all conditions. With a virtually unbreakable polycarbonate lens and an extremely tough die-cast aluminium housing, these lamps can handle anything that you and the environment can throw at them. Standard with mixed flood & spot beam patterns, water & dust proof to IP68, submersible to 3 metres and drawing a fraction of the current of HID & halogen lamps, the choice is simple.

PART NUMBERS



DWL16PHL
Head Lamp LED High/Low Beam



SPECIFICATIONS

DWL16PHL	
Beam Type	High & Low Beam
Lumens Light Output (Effective)	2880lm
Light Source	High Beam - 8 x 3W Spot LED's, Low Beam - 8 x 3W Flood LED's
Power Watts	48W
Current Draw Amps	4A @ 13.8V
Wiring	Twin 2 Pin Deutsch Plugs
Dimensions	153x78x127mm

LINE DIAGRAM

