

**PRODUCT CATALOGUE**

**ICAT Approved Plant  
OEM Approved Brand**



**LUXPAL<sup>®</sup>**

SMART LIGHTING SOLUTION

**Manufacturer of Automotive Lights for  
Electric Two Wheelers, Three Wheelers  
& Commercial Vehicles**

**Preferred Choice of Electric  
Vehicle Manufacturers in India**



E-Scooter



E-Bike



E-Rickshaw



Commercial Vehicle





### Services Offered:

1. **Concept Design (Electronics, Optical Design & Mechanical Design)**
2. **PCB Design, Circuit Design including drivers/Circuit Controller (In-House)**
3. **Product Design**
4. **Tool Design**
5. **Tool Manufacturing**
6. **Moulding**
7. **Production & Assembly at Our ICAT Approved Plant**
8. **Homologation**

# About Luxpal

**With** a history of more than 4 decades, LUXPAL is a pioneer in the realm of Automotive Lighting. Driven by Innovation and sheer dynamism, LUXPAL aims to bring Revolution in Automotive Lighting Industry by bringing in cutting edge technology. This is evident by the vast range of Automotive Incandescent and LED Bulbs and Lights that LUXPAL has been able to develop with continuous R&D and futuristic approach.

**Driven** by the passion to maintain superior quality and continuous effort to innovate and improve our processes has enabled LUXPAL to become suppliers to Major Vehicle Manufacturers in India which includes companies like TVS Motors, Hero Moto Corp, Royal Enfield, Bajaj Auto, etc., and 20 other Electric Vehicles Manufacturers including Revamp Moto, Hop Electric, Batt:RE, etc.

**As** the title Suggests, 'Smart Lighting Solution', LUXPAL, with it's leading technology, has been able to provide smart solutions for the lighting of Two Wheelers, Three Wheelers, Four Wheelers, Heavy Vehicles & Electric Vehicles.

**We** all know the importance of Automotive lighting and it's components in the Automobile Industry. Not just because they make a vehicle more visible and play a crucial role in improving the aesthetics, but also they ensure the driver's and pedestrian's safety. Hence, we cannot underestimate the importance of a reliable lighting solution. LUXPAL aims to provide just that. Thus, we are working 24/7 to achieve Massive Transformation in the market in terms of Reliability and Creativity.



## Director's Message

'All our dreams can come true if we have the courage to pursue them'.

With a history of more than 4 decades in the Automotive Lighting Industry, dealing with the major OEMs in India, we knew that we need to expand in terms of Product and Market and what could have been a better industry than the futuristic Electric Vehicle Segment in India. Hence, a state of the art manufacturing facility had been set up and today LUXPAL is into the manufacturing of Automotive Lights for Electric two and three wheelers. These lights are energy-efficient, durable, and have a very long life span. Right from designing and developing the lights as per the Customer's requirement to manufacturing them at our ICAT-approved plant, we provide one-stop solution for Automotive lights. LUXPAL is on a mission to revolutionize the Automotive lighting industry in India.

**Bharat Gupta**  
Director

'WELCOME TO THE WORLD OF  
**AUTOMOTIVE LIGHTING**'  
'WELCOME TO THE REVOLUTION'



# Automotive Plastic Lights Set for E-Bikes & E-Loaders



**LUXPAL**<sup>®</sup>  
SMART LIGHTING SOLUTION



**HLA 101 Round LED Headlight**

Operating Voltage Range	9 to 15 Volt
Position	6 watt max
Low Beam	6.5 watt max
High Beam	10 watt max
Diameter	170 mm



**TLA 201 Round LED Tail Light**

Operating Voltage Range	9 to 15 Volt
Stop Function	3.5 watt max
Tail Function	1 watt max
Diameter	90 mm



**SIA 301 Round LED Indicator Light**

Operating Voltage Range	9 to 15 Volt
Indicator Function	3.5 watt max
Diameter	65 mm



**SIA 303 LED Indicator Light**

Operating Voltage Range	9 to 15 Volt
Indicator Function	8.5W
Length	155 mm
Height	52mm



**SIA 302 Sequential LED Indicator Light**

Operating Voltage Range	9 to 15 Volt
Indicator Function	8.5W
Length	155 mm
Height	52mm



# Automotive Plastic Lights Set for E-Scooters



**HLA 401 Small Round Head Light**

Bulb Used	S2 12V 35/35W
Operating Voltage	12V
Low Beam	35W
High Beam	35W
Diameter	145mm



**SIA 601 Front Indicator Light LH / RH**

Bulb Used	T13 12V10W, LED
Operating Voltage	12V
Indicator Function	10W
Position	4W



**SIA 601R Rear Indicator Light LH / RH**

Bulb Used	T13 12V10W
Operating Voltage	12V
Indicator Function	10W



**TLA 501 Stop & Tail Light**

Bulb Used	12V 21/5W
Operating Voltage	12V
Stop Function	21W
Tail Function	5W



# Automotive Plastic Lights Set for E-Scooters



**SIA 602** Front Indicator with LED Position Function

Operating Voltage Range	9 to 15 Volt
Position Function	12V 4W
Indicator Function	12V 1W



**HLA 402** Doubleshot LED Headlight

Operating Voltage Range	9 to 15 Volt
Position	13W
Low Beam	5W
High Beam	10W



**TLI 502**  
Combination Tail Lamp with Indicator

Bulb Used	12V 21/5W T13 12V10W-02 nos
Operating Voltage	12V
Stop Function	21W
Tail Function	5W
Indicator Function	10W



# Automotive Plastic Lights Set for E-Scooters



**HLA 403**  
Vertical Headlamp with Position Lamps

Bulb Used	S2 12V 35/35W
Operating Voltage	12V
Position	5W
Low Beam	35W
High Beam	35W



**SIA 603**  
Front Indicator Light LH / RH

Bulb Used	BAU-15S 12V10W
Operating Voltage	12V
Indicator Function	10W



**TLI 503**  
Combination Tail Lamp with Indicator

Bulb Used	12V 21/5W
	BAU-15S 12V10W-02 nos
Operating Voltage	12V
Stop Function	21W
Tail Function	5W
Indicator Function	10W





# Automotive Plastic Lights Set for E-Scooters



**HLA 404 SL Headlight With Position Lamp**

Bulb Used	S2 12V 35/35W
Operating Voltage	12V
Position	5W
Low Beam	35W
High Beam	35W



**SIA 604 Front Indicator Light LH / RH**

Bulb Used	T13 12V10W
Operating Voltage	12V
Indicator Function	10W



**TLI 503 Combination Tail Lamp with Indicator**

Bulb Used	12V 21/5W BAU-15S 12V10W-02 nos
Operating Voltage	12V
Stop Function	21W
Tail Function	5W
Indicator Function	10W



**HLA 102 Eagle Head Light**

Bulb Used	HS1 12V35/35W W5W - 2 nos
Operating Voltage	12V
High Beam	35W
Low Beam	35W
Position Lamp	5W





# Lamps for Commercial Vehicles



## HEAD LAMP SUITABLE FOR TATA 407/709/1109 TRUCK

HL 121 P H4 (709) Left / Right  
Bulb Fitment : H4 P43t 12V/24V, T4W  
Traffic : Left Hand Traffic  
Std. Pkg. : 8 Pcs.



## HEAD LAMP SUITABLE FOR TATA 1613 TRUCK

HL 121 P H4 (1613) Left / Right  
Bulb Fitment : H4 P43t 12V/24V, T4W  
Traffic : Left Hand Traffic  
Std. Pkg. : 8 Pcs.



## HEAD LAMP SUITABLE FOR TATA 1516 / 1615 / 2416 / 2516 2518 / 2523 / 4018 / 4923 TRUCK

HL 1516 P H4 Left / Right  
Bulb Fitment : H4 P43t 12V/24V, T4W  
Traffic : Left Hand Traffic  
Std. Pkg. : 6 Pcs.



## HEAD LAMP SUITABLE FOR TATA 407/709/1109 TRUCK MULTI SURFACE REFLECTOR

HL 121 P H4 MSR M (709) Left / Right  
Bulb Fitment : H4 P43t 12V/24V, T4W  
Traffic : Left Hand Traffic  
Std. Pkg. : 8 Pcs.  
Metal Reflector, Glass Lens



## HEAD LAMP SUITABLE FOR TATA 1613 TRUCK MULTI SURFACE REFLECTOR

HL 121 P H4 MSR M (1613) Left / Right  
Bulb Fitment : H4 P43t 12V/24V, T4W  
Traffic : Left Hand Traffic  
Std. Pkg. : 8 Pcs.  
Metal Reflector, Glass Lens



## HEAD LAMP SUITABLE FOR TATA 1516 / 1615 / 2416 / 2516 2518 / 2523 / 4018 / 4923 TRUCK

HL 1516 P MSR M H4 Left / Right  
Bulb Fitment : H4 P43t 12V/24V, T4W  
Traffic : Left Hand Traffic  
Std. Pkg. : 6 Pcs.  
Metal Reflector, Glass Lens



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• All Lamps available without motorised leveling System. please specify while ordering • MSR Multi Surface Reflector M-Metal

# Lamps for Commercial Vehicles



**HEAD LAMP SUITABLE FOR  
TATA 1613 TRUCK MULTI  
SURFACE REFLECTOR WITH LED**

HL 121 P H4 MSR M With LED (1613)  
Left / Right  
Bulb Fitment : H4 P43t 12V/24V  
Traffic : Left Hand Traffic  
Std. Pkg. : 8 Pcs.  
Metal Reflector, Glass Lens



**HEAD LAMP SUITABLE FOR  
TATA 1613 TRUCK MULTI  
SURFACE REFLECTOR WITH LED**

HL 121 P H4 MSR M With LED (1613)  
Left / Right  
Bulb Fitment : H4 P43t 12V/24V  
Traffic : Left Hand Traffic  
Std. Pkg. : 8 Pcs.  
Metal Reflector, Glass Lens



**HEAD LAMP SUITABLE FOR  
TATA 1516 / 1615 / 2416 / 2516  
2518 / 2523 / 4018 / 4923 TRUCK WITH LED**

HL 1516 P MSR M With LED H4 Left / Right  
Bulb Fitment : H4 P43t 12V/24V  
Traffic : Left Hand Traffic  
Std. Pkg. : 6 Pcs.  
Metal Reflector, Glass Lens



**HEAD LAMP SUITABLE FOR  
MAHINDRA LOAD KING / NAVISTER  
CAB KING & EICHER TRUCK AND BUS**

HL 103 H4 M P43t Left / Right  
Bulb Fitment : H4 P43t  
Traffic : Left Hand Traffic  
Std. Pkg. : 18 Pcs.



**HEAD LAMP SUITABLE FOR  
EICHER TRUCK MAHINDRA  
CHAMPION**

HL 109 H4 M P43t  
Bulb Fitment : H4 P43t  
Traffic : Left Hand Traffic  
Std. Pkg. : 16 Pcs.



**HEAD LAMP SUITABLE FOR  
MAHINDRA BOLERO**

HL 118 H4 M P43t  
Bulb Fitment : H4 P43t  
Traffic : Left Hand Traffic  
Std. Pkg. : 12 Pcs.



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# Lamps for Commercial Vehicles



**HEAD LAMP SUITABLE FOR SML ISUZU TRUCK**

HL 106 H4  
 Bulb Fitment : H4 P43t  
 Traffic : Left Hand Traffic  
 Std. Pkg. : 18 Pcs.  
 Metal Reflector, Glass Lens



**HEAD LAMP SUITABLE FOR MAHINDRA MOJAR & ASHOK LEYLAND TRUCK**

HL 130 H4 M P43t Full Doom  
 Bulb Fitment : H4 P43t, T4W  
 Traffic : Left Hand Traffic  
 Std. Pkg. : 12 Pcs.  
 Metal Reflector, Glass Lens



**MINI DRIVING LAMP (TWIN PACKED) MINI HUNTER**

HL 228 H3  
 Bulb Fitment : H3  
 Std. Pkg. : 20 Sets  
 Metal Reflector, Glass Lens  
 Black Body



**MEGA DRIVING LAMP (TWIN PACKED) MEGA HUNTER**

HL 230 H3  
 Bulb Fitment : H3  
 Std. Pkg. : 20 Sets  
 Metal Reflector, Glass Lens  
 Black Body



**REAR COMBINATION LAMP FOR LCV/HCV TRUCK CONVENTIONAL**

RCL 326 Left / Right  
 Bulb Fitment : P21W 12V, P21/5W  
 P21W 24V, P21/5W 24V  
 Std. Pkg. : 16 Pcs



**REAR COMBINATION LAMP FOR LCV/HCV TRUCK MULTI SURFACE REFLECTOR**

RCL 326 Left / Right  
 Bulb Fitment : PY21W 12V, P21/5W  
 PY21W 24V, P21/5W 24V  
 Std. Pkg. : 16 Pcs

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“ LED PCB & DRIVERS are designed, developed and manufactured In-House at LUXPAL.”



**ALWAR LAMPS PVT LTD.**  
**LUXPAL MINIATURE BULB INDUSTRIES**  
**LUXPAL LAMPS PVT LTD.**

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