

# Truck-Lite®

[www.Truck-Lite.eu.com](http://www.Truck-Lite.eu.com)



## Model 900 LED Rear Lamp



*A Global See & Be Seen® Company*

# Product Information

The Model 900 can be supplied for both truck and trailer, the only obvious difference being the reflex triangle for the trailer version and the rectangular reflex for the truck version. The optional proximity sensing stalk is available for all trailer variants.



Rectangular Reflex

## Connectivity



### CONNECTIVITY

1. DIN connector
2. 2 x 2-way SS (tail) \*5A
3. 1 x 2-way SS (stop) \*1A
4. 1 x 2-way SS (reverse) \*5A
5. 1 x 3-way SS (tail/reverse)

### VOLTAGE

Operating at 16-32V

### APPROVALS

ECE, EMC & ADR (10.05)



LED



IP69K



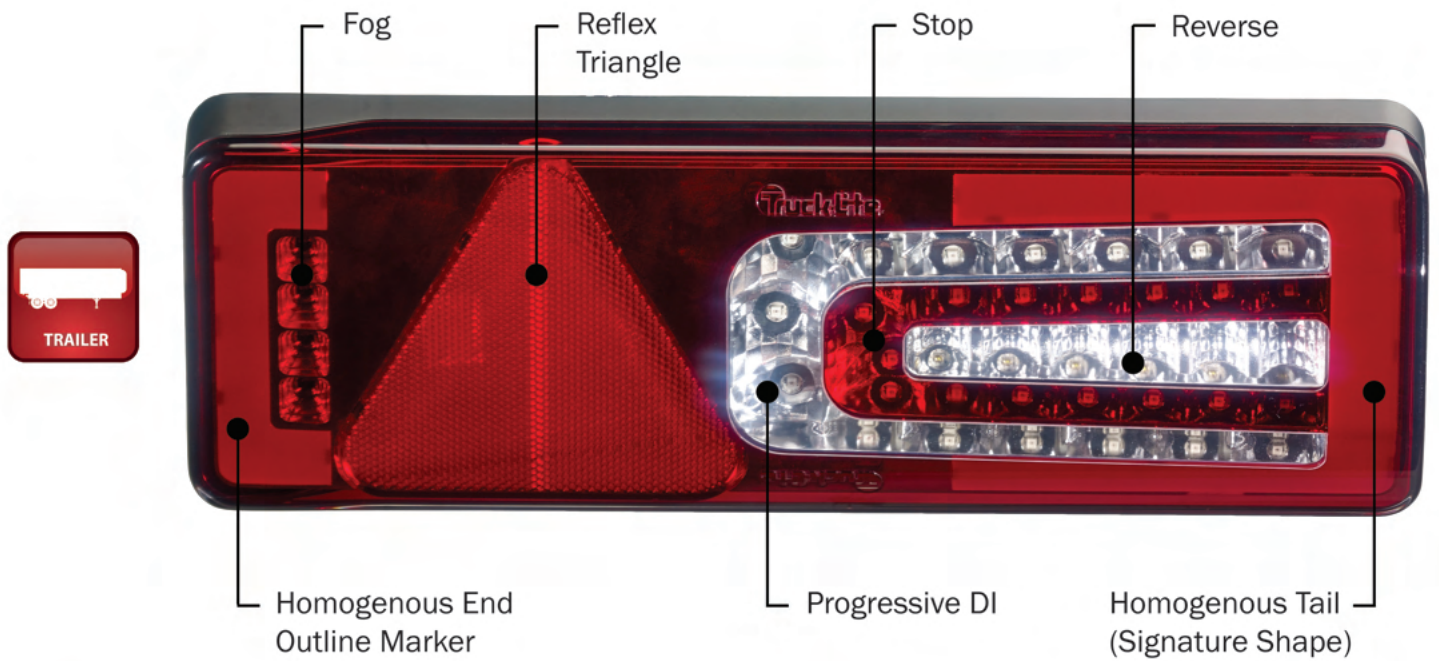
EMC



TUV/ADR

\*Maximum current carrying capacity of take-offs





## Features and Benefits

Integrated Intelligence	Eliminates need for additional black box monitoring unit
LED Failure Detection	Enhances safety by alerting the driver of any light failures
Progressive Indication	Progressive Direction Indicator to enhance visibility
Homogenous Outline Marker	Red Homogenous glow enhances visibility
Reverse Proximity Warning	Improves safety and driver accuracy when reversing
DIN Connector	Easy to assemble and fit - UK and EU options available
Additional Take-Offs	Eliminates the need for a junction box - other lamps can be connected and run from the rear lamps



Stop



Tail



Fog



Reverse



DI



Truck-Lite Lifetime Warranty, when included in Lifetime Warranty Trailer Kits.



Truck-Lite 5 Year Warranty, for all variants of individual lamps purchased.

# Intelligent Monitoring Capabilities

The Model 900 has exceptional intelligent monitoring capabilities which enhance safety and usability, making it the most intelligent LED rear lamp on the market. An overview of the lamp's sensing functions are shown below.

Function	Trailer monitoring	LED failure detection		
Direction indicator	✓	✓	Trailer monitoring and LED failure detection. Improves compatibility with vehicle diagnostic signals	Combined switched load
Stop	✓	✓	Trailer monitoring and LED failure detection. Improves compatibility with vehicle diagnostic signals	Combined switched load
Reverse			Trailer monitoring and failure detection not available	No fixed load
Fog	✓		Trailer monitoring but no LED failure detection	Fixed load
Tail	✓		Trailer monitoring but no LED failure detection	Fixed load

- In built intelligence means you run your trailer kit from the rear lamp
- No need for a junction plate or a TMU

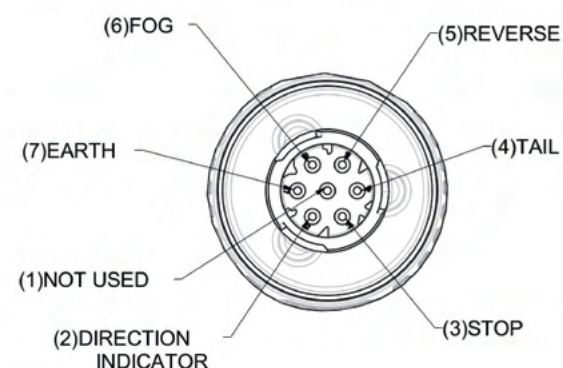
The model 900 features **patented progressive indication** for increased turning awareness and **homogenous lighting functions** to give the vehicle an iconic aesthetic signature.

These visual features are coupled with **intelligent in-built sensing** and increased connectivity through **5 additional take-offs** making the lamp not only eye-catching but practical and compatible for even the most complex applications.

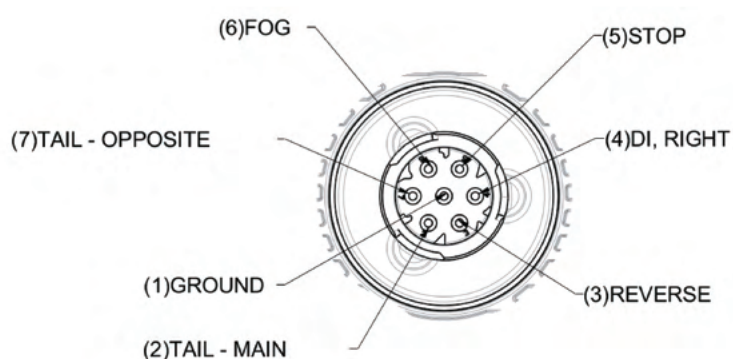
The additional take-offs of tail, stop and reverse allow multiple additional and auxiliary functions to be integrated into the rear lamp. This allows easier fitting and reduced harnessing compared to standard kits.

The sensing operates a one-out all-out system allowing the lamp to overcome known compatibility issues seen on new MAN, Scania and Volvo trucks.

TL (UK) DIN



EU DIN







# Optional Stalk Lamp

## Standard Stalk Lamp

- Can be mounted to the Model 900 lamp or self-mounted on a bracket
- Fitted with a 2-way Superseal connector
- Approvals: EMC reg 10.5, ECE, ADR
- Maximum current carrying capacity for stalk take-off: 1A

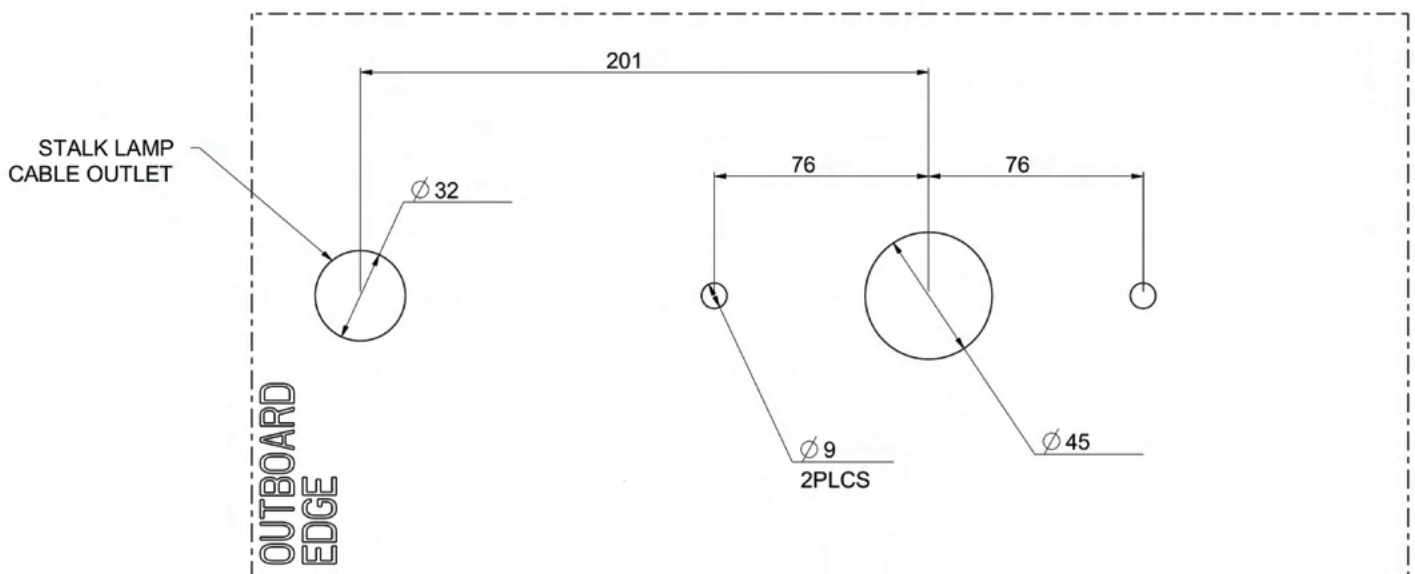
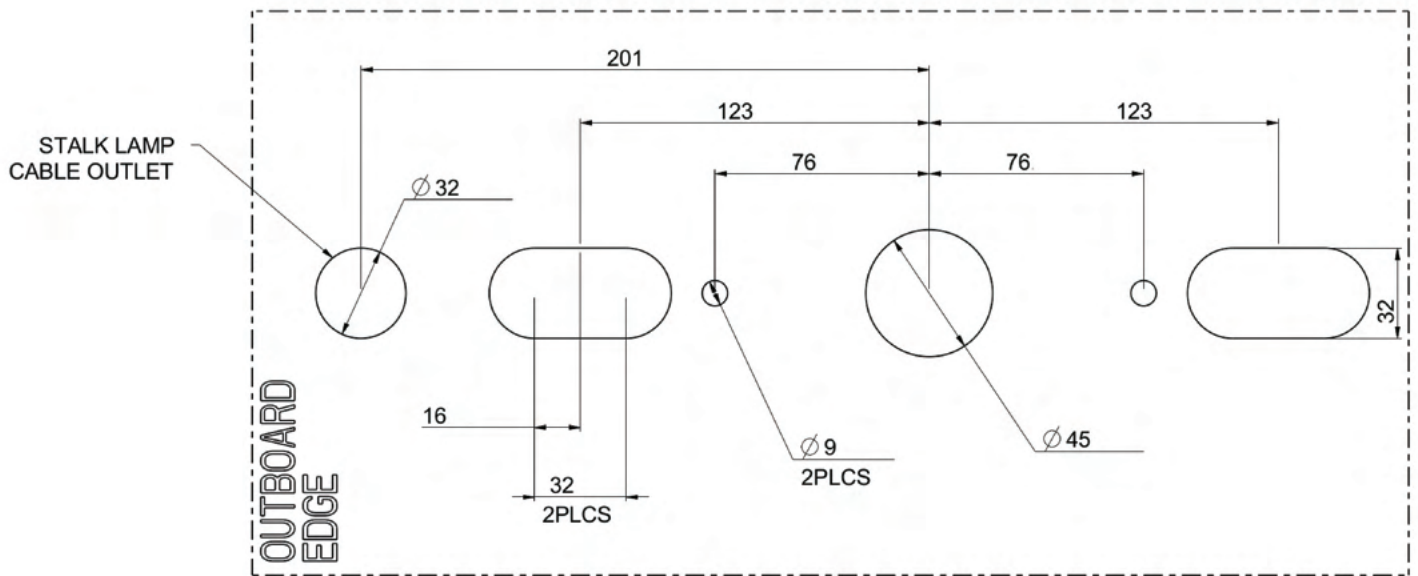
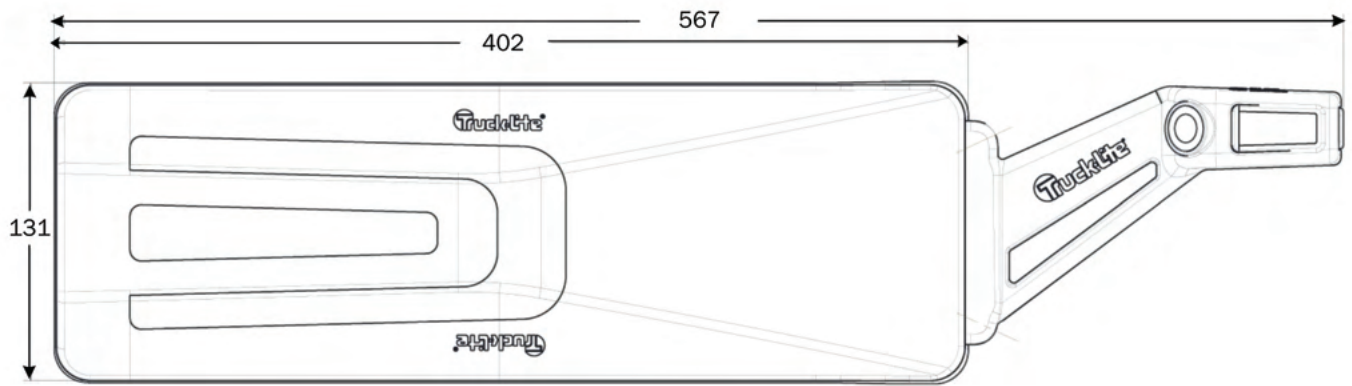
## Proximity Stalk Lamp

- Can be mounted to the Model 900 lamp or self-mounted on a bracket
- Fitted with a 3-way Superseal connector and additional extension 2-way
- Approvals: EMC reg 10.5, ECE, ADR
- Driver Proximity warning light flash pattern (From mounted position)

The optional Proximity Stalk Lamp for the Model 900 LED Rear Lamp includes ultrasonic proximity sensors to detect rearward objects when reversing. When the docking station is in range, the light on the stalk lamp will alert the driver of the vehicle, improving safety and driver accuracy.



# Dimensions and Panel cut-outs





# Part Numbers

## Homogenous Lamps

TL DIN Part Number	EU DIN Part Number	Description
900/01/04	900/51/04	Right Hand Lamp
900/01/05	900/51/05	Left Hand Lamp
900/03/04	900/53/04	Square Reflector (Truck)
900/21/04	900/71/04	Right Hand Lamp, With Stalk
900/21/05	900/71/05	Left Hand Lamp, With Stalk
900/41/04	900/91/04	Right Hand Lamp With Stalk + Proximity Sensor
900/41/05	900/91/05	Left Hand Lamp With Stalk + Proximity Sensor
900/101/04	900/151/04	Right Hand Lamp, No additional connectors
900/101/05	900/151/05	Left Hand Lamp, No additional connectors
900/103/04	900/153/04	Square Reflector (Truck), No additional connectors

## Stalk with bracket

941/01/04	Right Hand Stalk with bracket
941/01/05	Left Hand Stalk with bracket

## Proximity Stalk with bracket

941PRX/01/04	Right Hand Proximity Stalk with bracket
941PRX/01/05	Left Hand Proximity Stalk with bracket



Telephone: +44 1279 406406

Email: [info@truck-lite.eu.com](mailto:info@truck-lite.eu.com)

[www.Truck-Lite.eu.com](http://www.Truck-Lite.eu.com)