

# VLAND ECE LIGHTING CHECKLIST

Pre-inspection & install worksheet for headlights and tail lights

View the live guide: [vlandeu.com/resources/e-mark-ece-lighting-guide](http://vlandeu.com/resources/e-mark-ece-lighting-guide)

## Vehicle & Lamp Info

Make / Model / Year: \_\_\_\_\_

VIN (optional): \_\_\_\_\_ Reg: \_\_\_\_\_ Odometer: \_\_\_\_\_

Fuel level: \_\_\_\_\_

Headlamp technology (tick): ☐ Halogen ☐ LED ☐ HID (xenon)

Left/Right traffic market: ☐ LHD ☐ RHD

Product SKU(s): \_\_\_\_\_

## Environment (tick all)

☐ Level ground ☐ Flat wall/screen ☐ Tyre pressures set ☐ Normal load in car ☐ Lamps clean ☐  
Ambient light low

## Markings Found on Lens/Housing

E-mark present: ☐ Yes ☐ No

E-number (e.g., E9, E13): \_\_\_\_\_

Functions present (tick all that apply): ☐ HCR ☐ HC ☐ HR ☐ DCR ☐ DC ☐ DR ☐ RL (DRL) ☐ A  
(front position) ☐ PL (plastic lens)

Reference number (e.g., 12.5): \_\_\_\_\_

Other codes (optional): \_\_\_\_\_

## Function Test (tick ✓ / write notes)

Front (as applicable)

Low beam: ☐ ✓ Notes: \_\_\_\_\_

High beam: ☐ ✓ Notes: \_\_\_\_\_

DRL: ☐ ✓ Notes: \_\_\_\_\_

DRL on signalling side dims/pauses with indicator: ☐ ✓ ☐ N/A

Front position/parking (A): ☐ ✓

Indicators (all positions present on vehicle)

Colour amber: ☐ ✓ Flash rate  $\approx 90 \pm 30$  per minute: ☐ ✓

If not, describe: \_\_\_\_\_ Hazards in phase L/R: ☐ ✓

Rear (as applicable)

Tail (R): ☐ ✓ Stop (S): ☐ ✓ (brighter than tail)

Reverse: white ☐ ✓ Rear fog: red ☐ ✓

## Aim — Quick Pre-Check (low beam)

Distance to wall: ☐ 3 m ☐ 5 m ☐ 7.6 m (25 ft) ☐ 10 m Other: \_\_\_\_\_

Headlamp centre height H (mm/cm): \_\_\_\_\_

Target drop = distance  $\times$  1%  $\rightarrow$  \_\_\_\_\_ (cm)

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Driver side cutoff reaches target: ☐ ✓  
Passenger side cutoff reaches target: ☐ ✓  
Notes: \_\_\_\_\_

## Moisture Check

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Condensation (light mist clears within short drive): ☐ observed ☐ not observed  
Persistent droplets/pooling that do not dissipate: ☐ observed ☐ not observed  
Photos taken: ☐ Yes (attach)  
Notes: \_\_\_\_\_

## CANBUS & Messages

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Bulb-out warning present: ☐ Yes ☐ No  
Hyper-flash present: ☐ Yes ☐ No  
Decoder/resistor fitted (if needed): ☐ Yes ☐ No

## Photos (optional)

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☐ Lens markings close-up ☐ Wall aiming pattern ☐ Front view ☐ Rear view

## Outcome

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☐ Pass ☐ Adjust & re-check ☐ Contact support  
Technician/Owner: \_\_\_\_\_ Date: \_\_\_\_\_  
Need help? [vlandeu.com/contact](https://vlandeu.com/contact)  
Guide: [vlandeu.com/resources/e-mark-ece-lighting-guide](https://vlandeu.com/resources/e-mark-ece-lighting-guide)