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## UN ECE TYPE-APPROVAL CERTIFICATE

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COMMUNICATION CONCERNING THE APPROVAL GRANTED <sup>(1)</sup>/ ~~APPROVAL  
EXTENDED <sup>(4)</sup>/ APPROVAL REFUSED <sup>(4)</sup>/ APPROVAL WITHDRAWN <sup>(4)</sup>/ PRODUCTION  
DEFINITELY DISCONTINUED <sup>(4)</sup>~~ OF A TYPE OF LAMP PURSUANT TO REGULATION  
NO 148

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Approval No: E5\*148R00/00\*0001\*00

1. Trade name or mark of the lamp: TYRI
2. Manufacturer's name for the type of lamp: VL4-208
3. Manufacturer's name and address: TYRI Sweden AB  
Aröds Industriväg 78  
417 05 GÖTEBORG
4. If applicable, name and address of the manufacturer's representative:  
Not applicable
5. Submitted for approval on: August 2020
6. Technical Service responsible for conducting approval tests:  
RISE Research Institute of Sweden AB  
Box 857  
501 15 BORÅS  
Sweden
7. Date of report issued by that Service: 21 OCTOBER 2020
8. Number of report issued by that Service: 105105 – 2P04692-1
9. Concise description:
  - 9.1. In case of: Not applicable
    - 9.1.1. A rear-registration plate illuminating lamp:



Geometrical conditions of installation (position(s) and inclination(s) of the device in relation to the space to be occupied by the registration plate and/or different inclinations of this space): Not applicable

9.1.2. A direction indicator:

Sequential activation of light sources: YES/NO <sup>(1)</sup>

9.1.3. A reversing lamp:

The lamp shall be installed on a vehicle only as part of a pair of lamps:

YES/NO <sup>(1)</sup>

9.1.4. A manoeuvring lamp:

The maximum mounting height:

9.1.5. A daytime running lamp

Maximum luminous intensity does not exceed 700 cd: YES/NO <sup>(1)</sup>

9.2. By light signalling function and category:

For mounting either outside or inside or both <sup>(1)</sup>

Colour of light emitted: ~~red/white/amber/colourless~~ <sup>(1)</sup>

Number, category and kind of light source(s): 4 White LEDs

Lamp approved for LED substitute light source(s): YES/NO <sup>(1)</sup>

If yes, category of LED substitute light source(s)

Voltage and wattage: 9-16 VCD 20W

Light source module: YES/~~NO~~ <sup>(1)</sup>

Light source module specific identification code: Not applicable

Only for limited mounting height of equal to or less than 750 mm above the ground, if applicable: YES/NO <sup>(1)</sup> Not applicable

Geometrical conditions of installation and relating variations, if any:  
Not applicable

Application of an electronic light source control gear/variable intensity control:

(a) Being part of the lamp: YES/NO <sup>(1)</sup>

(b) Being not part of the lamp: YES/NO <sup>(1)</sup>

Input voltage(s) supplied by an electronic light source control gear/variable intensity control: Not applicable

Electronic light source control gear/variable intensity control manufacturer and identification number (when the light source control gear is part of the lamp but is not included into the lamp body): Not applicable

Variable luminous intensity, if applicable: YES/NO <sup>(1)</sup> Not applicable

Function(s) produced by an interdependent lamp forming part of an interdependent lamp system, if applicable: Not applicable

9.3. The front position lamp <sup>(1)</sup>, rear position lamp <sup>(1)</sup>, stop lamp <sup>(1)</sup>, end-outline marker lamp <sup>(1)</sup>, daytime running lamp <sup>(1)</sup> is only for use on a vehicle fitted with a tell-tale indicating failure: YES/NO <sup>(1)</sup> Not applicable

10. Position of the approval mark: Label on lamp housing

11. Reason(s) for extension (if applicable):

12. Approval GRANTED/~~EXTENDED~~/~~REFUSED~~/~~WITHDRAWN~~ <sup>(1)</sup>:

13. Approval granted for devices to be used on vehicles already in use only, YES/NO <sup>(1)</sup> Not applicable

14. Place: Borlänge

15. Date: 11 JANUARY 2021

16. Signature:



Anders Mattsson-Tholén

17. The list of documents deposited with the Type Approval Authority which has granted approval is annexed to this communication and may be obtained on request.
- 105105-2P04692-1 Type testing of Reversing lamp for powerdriven vehicle
  - VL-4 -208 signed

(1) Strike out what does not apply