



GRAND-DUCHÉ DE LUXEMBOURG

Ministère du Développement durable
et des Infrastructures
Département des Transports

L-2938 Luxembourg

SOCIÉTÉ NATIONALE DE
CERTIFICATION ET D'HOMOLOGATION

s.à r.l.

Registre de Commerce: B 27180

L-5201 Sandweiler

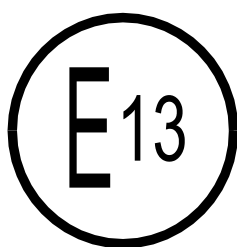


Référence: E13*07R00*07R02*34632*00

Annexes: - Rapport technique
- Fiche de renseignements du constructeur

Luxembourg, le 14 juillet 2017

COMMUNICATION



concernant 2/: - DELIVRANCE D'UNE HOMOLOGATION
concerning 2/: APPROVAL GRANTED
- ~~EXTENSION D'HOMOLOGATION~~
APPROVAL EXTENDED
- ~~REFUS D'HOMOLOGATION~~
APPROVAL REFUSED
- ~~RETRAIT D'HOMOLOGATION~~
APPROVAL WITHDRAWN
- ~~ARRET DEFINITIF DE LA PRODUCTION~~

d'un type de dispositif en application du Règlement N° 7
of a type of device pursuant to Regulation N° 7

Número d'homologation:
Approval number:

E13*07R00*07R02*34632*00

Marque d'homologation:
Approval mark:

refer to the manufacturer's information document

1. Marque de fabrique ou de commerce
du dispositif:

Trade name or mark of the device:

refer to the manufacturer's information document

2. Désignation du type de dispositif
par le fabricant:

Manufacturer's name for the type of device:

W0815

3. Nom et adresse du fabricant:

Manufacturer's name and address:

Weneeds Enterprise Co., Ltd.
N°. 88-3, Ln. 366, Sec. 3, Boada Rd., Guiren Dist.,
Tainan City 711, TAIWAN, R.O.C.

4. Nom et adresse du mandataire du
fabricant (le cas échéant):

If applicable, name and address of the
manufacturer's representative:

not applicable

5. Dispositif soumis à l'homologation le:

Submitted for approval on:

10.02.2017

6. **Autorité déléguée:**
Assigned authority: *Société Nationale de Certification et d'Homologation*
L-5201 Sandweiler
- Service technique chargé des essais:**
Technical service responsible for conducting approval tests: Luxcontrol SA
B.P. 349
L-4004 Esch-sur-Alzette
7. **Date du procès-verbal délivré par ce service:** 10.07.2017
Date of test report issued by that service:
8. **Numéro du procès-verbal délivré par ce service:**
Number of test report issued by that service: LCA 51 0996 001 17
9. **Brève description:**
Concise description:
- 9.1 **Par catégorie de feu:**
By category of lamp: A
- **Pour montage à l'extérieur ~~ou~~ à l'intérieur, ou les deux 2/:**
For mounting either outside ~~or inside or both 2/~~: outside
- **Couleur de la lumière émise 2/:**
Colour of light emitted 2/: ~~rouge~~, blanc
~~red~~, white
- **Nombre, catégorie et type de la ou des sources lumineuses:**
Number, category and kind of light source(s): 4, LEDs, non-replaceable
- **Tension et puissance:**
Voltage and wattage: 12V, 3.3W
- **Code d'identification propre au module d'éclairage:**
Light source module specific identification code: not applicable
- **Uniquement pour une hauteur de montage limitée, égale ou inférieure à 750 mm au-dessus du sol 2/:**
Only for limited mounting height of equal to or less than 750 mm above the ground 2/: ~~oui~~ / non
yes / no
- **Caractéristiques géométriques de montage et variantes éventuelles:**
Geometrical conditions of installation and relating variations, if any: see Annex C

- Le dispositif de régulation électronique de la source lumineuse ou du régulateur d'intensité:

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

a) fait partie du feu 2/:

a) being part of the lamp 2/:

~~oui~~ / non

yes / no

b) ne fait pas partie du feu 2/:

b) being not part of the lamp 2/:

~~oui~~ / non

yes / no

- Tension(s) d'alimentation du dispositif de régulation électronique de la source lumineuse ou du régulateur d'intensité:

Input voltage(s) supplied by an electronic light source control gear / variable intensity control:

not applicable

- Nom du fabricant et numéro d'identification du dispositif de régulation électronique de la source lumineuse ou du régulateur d'intensité (lorsque le dispositif de régulation de la source lumineuse fait partie du feu mais n'est pas incorporé dans son boîtier):

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

- Intensité lumineuse variable 2/:

Variable luminous intensity 2/:

~~oui~~ / non

yes / no

9.2

Fonction(s) assurée(s) par un feu interdépendant faisant partie d'un système de feux interdépendants:

Function(s) produced by an interdependent lamp forming part of an interdependent lamp system:

not applicable

- Feu de position avant 2/:

Front position lamp 2/:

~~oui~~ / non

yes / no

- Feu de position arrière R1 2/:

R1 Rear position lamp 2/:

~~oui~~ / non

yes / no

- Feu de position arrière R2 2/:

R2 Rear position lamp 2/:

~~oui~~ / non

yes / no

- Feu-stop S1 2/:

S1 Stop lamp 2/:

~~oui~~ / non

yes / no

- Feu-stop S2 2/:

S2 Stop lamp 2/:

~~oui~~ / non

yes / no

- Feu-stop S3 2/:

S3 Stop lamp 2/:

~~oui~~ / non

yes / no

- Feu-stop S4 2/:

S4 Stop lamp 2/:

~~oui~~ / non

yes / no

- Feu d'encombrement 2/:

End-outline marker lamp 2/:

~~oui~~ / non

yes / no

10. **Position de la marque d'homologation:** on the lens
Position of the approval mark:
11. **Motif(s) de l'extension d'homologation (le cas échéant):** not applicable
Reason(s) for extension (if applicable):
12. **Homologation 2/:** accordée / ~~prorogée~~ / ~~refusée~~ / ~~retirée~~
Approval 2/: granted / extended / refused / withdrawn
13. **Lieu:** Luxembourg
Place:
14. **Date:** 14 juillet 2017
Date:
15. **Signature:**
Signature:

Pour le Ministre du Développement durable
et des Infrastructures

Pour la SNCH



Marco FELTES
Inspecteur Principal 1^{er} en rang



Claude LIESCH
Directeur



16. **Est annexée la liste des pièces constituant le dossier d'homologation déposé au Service administratif ayant délivré l'homologation et pouvant être obtenu sur demande.** voir "INDEX DU DOSSIER D'HOMOLOGATION" ci-joint /
The list of documents deposited with the Administrative Service which has granted approval is annexed to this communication and may be obtained on request. see "INDEX TO TYPE-APPROVAL REPORT"



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Référence: E13*07R00*07R02*34632*00

Annexes: - Rapport technique
- Fiche de renseignements du constructeur

Luxembourg, le 14 juillet 2017

Index du dossier d'homologation

Index to type-approval report

	Numéro d'homologation: Approval number:	E13*07R00*07R02*34632*00
	Révision: Revision:	00
	Marque de fabrique ou de commerce: Trade name or mark:	refer to the manufacturer's information document
	Type: Type:	W0815
1.	Procès-verbal d'essai: Test report:	N° LCA 51 0996 001 17
	- Technical report:	Pages 1 to 7
	- Index to information package:	Annex A - Page 1
	- Results of photometric tests:	Annex B - Pages 1, 2
2.	Dossier du constructeur: Report of the manufacturer:	N° W0815
	- Information document & drawings:	Annex C - Pages 1 to 4
3.	Autres documents annexés: Other documents annexed:	not applicable
4.	Date de délivrance de l'homologation initiale: Date of issue of initial type approval:	14.07.2017
5.	Date de la dernière délivrance de pages révisées: Date of last issue of revised pages:	not applicable
6.	Date de la dernière délivrance d'une homologation révisée: Date of last extension:	not applicable

TECHNICAL REPORT

No.: LCA 51 0996 001 17

Inspection concerning the

Approval of front and rear position (side) lamps for motor vehicles

performed according to

ECE-Regulation No. 7

Type: **W0815**

Manufacturer: **Weneeds Enterprise Co., Ltd.
No. 88-3, Ln 366, Sec. 3, Baoda Rd.,
Guiren Dist., Tainan City 711,
TAIWAN (R.O.C.)**

Extension -- to ECE Type Approval no.: not applicable

Index:

1. General	2
2. Inspections and their results	4
3. Evaluation of test results	6
4. Statement of compliance	7

Annex (beginning with an index)

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1. **General**

1.1. **Test Provisions**

The inspection was carried out according to the requirements of the ECE-Regulation No. 7 including Supplement 25 to the 02 series of amendments, which entered into force on June 22, 2017.

1.2. **Information concerning the device and the requested approval**

The statements below apply to the previous ECE type-approval as referred to on page 1.

1.2.1. **[] Numbering according to the communication concerning the approval following ECE-R7.**

[1.] Trade name or mark of the device:



[2.] Manufacturer's name for the type of device:

W0815

[3.] Manufacturer's name and address:

**Weneeds Enterprise Co., Ltd.
No 88-3, Ln 366, Sec. 3, Baoda Rd., Guiren Dist., Tainan City 711,
TAIWAN (R.O.C.)**

[4.] Name and address of manufacturer's authorized representative:

not applicable

[5.] Submitted for approval on:

10.02.2017

[9.] Concise description:

- [9.1.]
- By category of lamp: **A**
 - For mounting either: **outside ~~or inside or both~~**
 - Colour of light emitted: **red / white**
 - Number, category and kind of light source(s):
 - position: **4, LEDs, non-replaceable**
 - Voltage and wattage: **12V, 3.3W**

...



- Light source module: **yes / no**
 - Light source module specific identification code: **not applicable**
 - Only for limited mounting height of equal to or less than 750 mm above the ground: **yes / no**
 - Geometrical conditions of installation and relating variations, if any: **see Annex C, page 4**
 - Application of an electronic light source control gear/variable intensity control:
 - (a) being part of the lamp: **yes/ no**
 - (b) being not part of the lamp: **yes / no**
 - 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: **yes / no**
 - The front position lamp, rear position lamp, stop lamp, end-outline marker lamp is only for use on a vehicle fitted with a tell-tale indicating failure: **yes / no**
- [9.2.] Function(s) produced by an interdependent lamp forming part of an interdependent lamp system: **not applicable**
- Front position lamp **yes / no**
 - R1 Rear position lamp **yes/ no**
 - R2 Rear position lamp **yes/ no**
 - S1 Stop lamp **yes/ no**
 - S2 Stop lamp **yes/ no**
 - S3 Stop lamp **yes/ no**
 - S4 Stop lamp **yes/ no**
 - End-outline marker lamp **yes/ no**
- [10.] Position of the approval mark:
- On the lens**
- [11.] Reason(s) for extension:
- Not applicable**



2. Inspections and their results

2.1. Version of the tested vehicle / ~~technical unit~~ / component

Following samples have been used for testing:

- device: W0815
- sample 1 : Left-hand side device
- sample 2 : Right-hand side device

2.2. Inspection items

	Location of test:	Date of receipt of test item:	Date of test:	Inspector of Luxcontrol:
Main report	ISOQA Taiwan	10.02.2017	10.02.2017	L.Lee A.Tang

2.2.1. Markings:

The trade mark is marked clearly legible and indelible on the lens of the device.

The rated voltage and the rated wattage of the non-replaceable light source (LEDs) are clearly legible and indelible marked on the device.

Space for the approval mark and additional symbols is provided on the lens as shown in Annex C Page 4.

2.2.2. General specifications

The colour of the light emitted is within the limits of the co-ordinates for white prescribed in paragraph 8 of the Regulation.

2.2.3. Photometric tests

The light emitted was obtained at a voltage of 13,5 V in accordance with paragraph 7.1. of the Regulation. The non-replaceable light source consists of 4 LEDs in series. All the 4 LEDs are dedicated to the front position lamp.

The light distribution angles and levels of intensity have been measured in accordance with Annex 4 of the Regulation, based on the manufacturer's indication of the centre of reference and axis of reference. The maximum values have been verified after 1 minute operation of the LED and the minimum value after 30 minutes operation of the LEDs.

For detailed results see Annex B page1 of this report.



2.2.4. Illuminating surface

Vertical and horizontal outlines of the illuminating surface of the light-signalling device in relation to the centre of reference and in accordance with paragraph 2.9.2 of ECE-Regulation No. 48:

Type of lamp	Distance to centre of reference [mm]			
	upward	downward	inboard	outboard
Front(side) position lamp:	See annex B			

2.3. Explanatory note

2.3.1. General

Inspection results are only applicable to the ~~vehicle~~ / ~~technical unit~~ / components which have been tested.

2.4. Test facilities

Calibration of measuring and test equipment used to carry out the inspections is in accordance with the ~~EEC Directive and/or~~ ECE-Regulation stated in 1.1. of this report and with ISO 17025.



3. **Evaluation of test results**

3.1. **Variants and equipment covered**

The tests carried out cover the following variations:

- Left or right hand side device

3.2. **Remarks**

3.2.1. **General:**

The test results stated above are representative for the device mentioned above.



4. **Statement of compliance**

The inspections and measurements carried out have shown the compliance of the device described in this report and the attached Annex with the requirements of the ECE-Regulation No. 7 including Supplement 25 to the 02 series of amendments which entered into force on June 22, 2017.

Shanghai, P.R. China, 10.07.2017

Luxcontrol s.a.
Service Homologation-automobile

Leonie Lee
Ingénieur-Inspecteur

Allen Tang
Ingénieur-Inspecteur

Annex



Index to the information package, including a summary in chronological order, concerning extensions and/or amendments

ECE type-approval No.: --

Main Report

Technical Report No.: LCA 51 0996 001 17 Page 1 to 7

Composition of the Annex:

A: Index	Page 1
B: Test results	Page 1 to 2
C: Information folder	Page 1 to 4

Index to the information folder:

- manufacturer's information document and drawings (page 1 to 4)



Results of the photometric tests of the front position lamp, category A:

Test Point	minimum (cd)	max	Sample. 1 (LH)		Sample. 2 (RH)		Result	
HV(1min)	4	140	54.190	-	54.060	-	T	T
HV(30min)	4	140	-	52.530	-	52.110	T	T
10U 5L	1	140	36.395	35.280	17.813	17.170	T	T
10U 5R	1	140	21.684	21.020	28.903	27.860	T	T
5U 20L	0.4	140	18.301	17.740	46.725	45.040	T	T
5U 10L	1	140	31.505	30.540	46.580	44.900	T	T
5U V	2.8	140	53.870	52.220	39.152	37.740	T	T
5U 10R	1	140	64.001	62.040	25.365	24.450	T	T
5U 20R	0.4	140	61.844	59.950	16.028	15.450	T	T
H 10L	1.40	140	67.188	65.130	34.152	32.920	T	T
H 5L	3.6	140	62.381	60.470	44.796	43.180	T	T
H 5R	3.6	140	44.029	42.680	59.527	57.380	T	T
H 10R	1.40	140	33.114	32.100	62.173	59.930	T	T
5D 20L	0.4	140	17.630	17.090	71.053	68.490	T	T
5D 10L	1	140	31.123	30.170	65.627	63.260	T	T
5D V	2.8	140	51.477	49.900	55.440	53.440	T	T
5D 10R	1	140	63.588	61.640	34.951	33.690	T	T
5D 20R	0.4	140	63.505	61.560	18.528	17.860	T	T
10D 5L	1	140	35.167	34.090	35.739	34.450	T	T
10D 5R	1	140	26.935	26.110	48.448	46.700	T	T
Visibility	0.05	140	1.317	1.277	2.152	2.074	T	T
	0.05	140	71.015	68.840	78.894	76.048	T	T

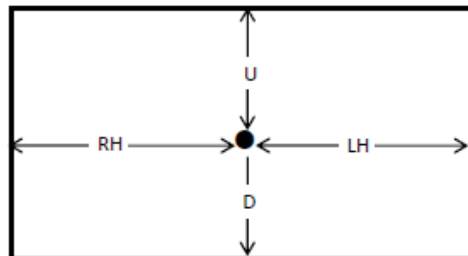
*According to the manufacturer's technical description, all light sources were connected in series, if one LED fails, all LEDs will fail.

Measurement of the colour of the light emitted: front position lamp

Test Point	Sample 1		Sample 2		Remark
HV	x	y	x	y	T
	0.3343	0.3532	0.3356	0.3500	



Determination of the apparent surface: front position lamp



Device	upper edge (U) mm	lower edge (L) mm	LH edge (LH) mm	RH edge (RH) mm
Front Position Lamp	23	23	120	120

Weneeds Enterprise Co., Ltd.

No.88-3, Ln 366, Sec.3, Baoda Road., Guiren Dist., Tainan city,
Taiwan, R.O.C.

MODEL INFORMATION DOCUMENT NO. 17-0033

ECE

APPLICATION DOCUMENTS

Device Name: W0815

Initial Application

Date: 8 February 2017

Manufacturer Weneeds Enterprise Co., Ltd.

Address No.88-3, Ln 366, Sec.3, Baoda Road., Guiren Dist., Tainan city, Taiwan, R.O.C.

I. SPECIFICATION DATA**1. FUNCTION, APPLICABLE REGULATION & COLOUR:**

TRADE MARK			
FUNCTION	ECE APPLICABLE REGULATION	TYPE OF FILAMENT BULB	COLOUR OF EMIT
- Front Position Lamp	R7.02 Category A	LED × 4, 12V, 3.3 W	White

2. Drawing No.: W0815

3. TYPE: W0815

Weneeds Enterprise Co., Ltd.

No.88-3, Ln 366, Sec.3, Baoda Road., Guiren Dist., Tainan city,
Taiwan, R.O.C.

MODEL INFORMATION DOCUMENT NO. 17-0033

II. TECHNICAL DATA

1. CONSTRUCTION AND MATERIAL:

CONSTRUCTION	MATERIAL	REMARKS
Lens	PLASTIC	
Housing	PLASTIC	

2. LOCATION OF MARKING

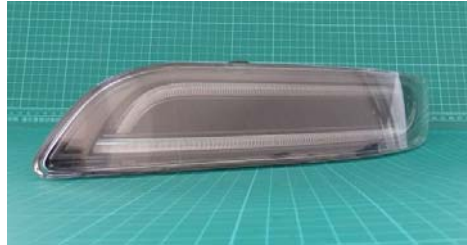
MARKING		LOCATION
Trade mark		On Lens
Lamp designation mark		
- Front Position Lamp	A	On Lens

NOTE:

1. Approval marking shall be shown in the attached drawing.
2. Only for limited mounting height of equal to or less than 750mm above the ground. yes/ no
3. A signal for activation of the tell-tale shall be produced if any one light source has failed. N/A
4. *According to the manufacturer's technical description, all light sources were connected in series, if one LED fails, all LEDs will fail.

Weneeds Enterprise Co., Ltd.

W0815



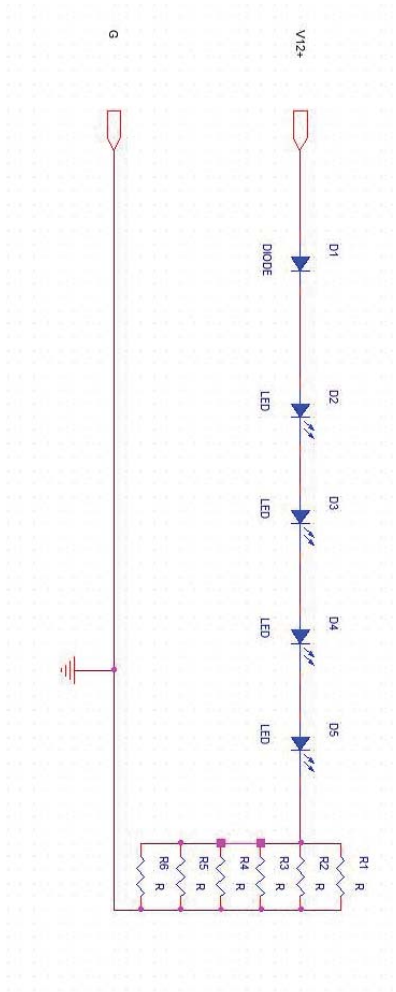
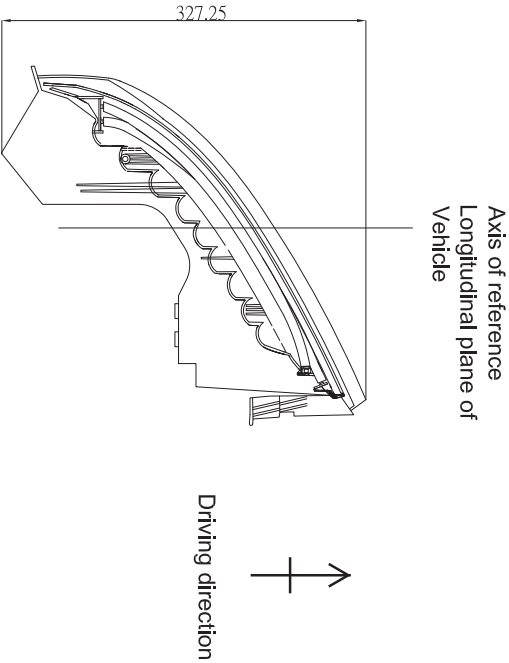
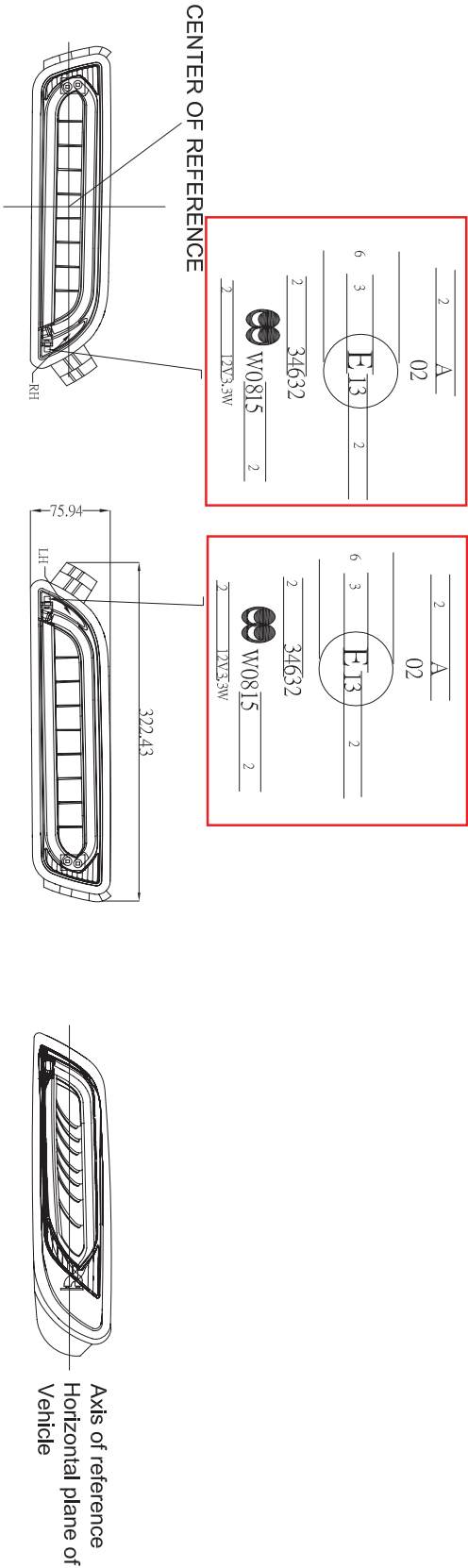
Front View



Top View



Rear View



WENEEDS ENTERPRISE CO.,LTD			
Draw Number	W0815	Date	20170628
Draw Name		Layer	
Block Size		MAT	