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*50R00*50R00*34680*00

Annexes: - Rapport technique
- Fiche de renseignements du constructeur

Luxembourg, le 25 avril 2017

COMMUNICATION

E13

concernant 2/: - **HOMOLOGATION ACCORDEE**
concerning 2/: APPROVAL GRANTED
- ~~**HOMOLOGATION PROROGEE**~~
~~APPROVAL EXTENDED~~
- ~~**HOMOLOGATION REFUSEE**~~
~~APPROVAL REFUSED~~
- ~~**HOMOLOGATION RETIREE**~~
~~APPROVAL WITHDRAWN~~
- ~~**ARRET DEFINITIF DE LA PRODUCTION**~~
~~PRODUCTION DEFINITELY DISCONTINUED~~

d'un type de feux-position avant, des feux-position arrière, des feux-stop, des indicateurs de direction et des dispositifs d'éclairage de la plaque d'immatriculation arrière pour les cyclomoteurs, les motocycles et les véhicules y assimiles en application du Règlement N° 50
of a type of front position lamps, rear position lamps, stop lamps, direction indicators and rear-registration-plate illuminating devices for mopeds, motor cycles and vehicle treated as such pursuant to Regulation N° 50

Numéro d'homologation:
Approval number: E13*50R00*50R00*34680*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: [redacted]

2. **Désignation du type de dispositif par le fabricant:**
Manufacturer's name for the type of device: ST-262-2

3. **Nom et adresse du fabricant:**
Manufacturer's name and address: [redacted]

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:	25.11.2016
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:** Date of report issued by that service:	21.04.2017
8.	**Numéro du procès-verbal délivré par ce service:** Number of report issued by that service:	LCA 51 0736 003 17
9.	**Description sommaire 3/:** Concise description 3/:	
	- Par catégorie de feux: By category of lamp:	front direction indicator: category 11 front position lamp
	- Couleur de la lumière émise 2/: Colour of light emitted 2/: ~~rouge~~ / blanc / ambre ~~red~~ / white / amber	front direction indicator: amber front position lamp: with
	- Nombre et catégories de source lumineuse: Number and category (ies) of light source(s):	front direction indicator: 3 LEDs, non-replaceable, 2.3W front position lamp: 1 LED, non-replaceable, 2.6W
	- Module d'éclairage 2/: Light source module 2/:	~~oui~~ / non ~~yes~~ / no
	- Code d'identification propre au module d'éclairage: Light source module specific identification code:	not applicable
	- Conditions géométriques de montage et variantes éventuelles: Geometrical conditions of installation and relating variations, if any:	not applicable

- 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/: ~~oui~~ / non
a) being part of the lamp 2/: ~~yes~~ / no

b) ne fait pas partie du feu 2/: ~~oui~~ / non
b) being not part of the lamp 2/: ~~yes~~ / no

- Tension(s) d'alimentation du dispositif de régulation électronique de la source lumineuse ou du régulateur d'intensité: not applicable
Input voltage(s) supplied by an electronic light source control gear / variable intensity control:

- 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): 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):

- Uniquement pour une hauteur de montage limitée, égale ou inférieure à 750 mm au-dessus du sol 2/: ~~oui~~ / non
Only for limited mounting height of equal to or less than 750 mm above the ground 2/: ~~yes~~ / no

- 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:

- Feu de position avant 2/: ~~oui~~ / non
Front position lamp 2/: ~~yes~~ / no

- Feu de position arrière 2/: ~~oui~~ / non
Rear position lamp 2/: ~~yes~~ / no

- Feu-stop 2/: ~~oui~~ / non
Stop lamp 2/: ~~yes~~ / no

- Activation séquentielle des sources lumineuses (voir paragraphe 6.8 du présent Règlement) 2/: ~~oui~~ / non
Sequential activation of light sources (see paragraph 6.8 of this Regulation) 2/: ~~yes~~ / no

10. Position de la marque d'homologation: on the lens
Position of the approval mark:

11.	**Motif(s) de la prorogation de l'homologation (le cas échéant):** Reason(s) for extension (if applicable):	not applicable
12.	**Homologation 2/:** Approval 2/:	accordée / ~~prorogée~~ / ~~refusée~~ / ~~retirée~~ granted / ~~extended~~ / ~~refused~~ / ~~withdrawn~~
13.	**Lieu:** Place:	Luxembourg
14.	**Date:** Date:	25 avril 2017
15.	**Signature:** Signature:	

Pour le Ministre du Développement durable et des Infrastructures

Grand-Duché de Luxembourg Ministère du Développement durable et des Infrastructures Département des transports

Marco FELTES
Inspecteur Principal 1er en rang

Pour la SNCH

Société Nationale de Certification et d'Homologation snch

Claude LIESCH
Directeur

OLAS OFFICE LUXEMBOURGEOIS D'ACCREDITATION ET DE SURVEILLANCE ACCREDITATION NUMBER: 5/001 ISO/IEC 17065

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

2/ Biffer les mentions qui ne conviennent pas/ Strike out what does not apply

3/ En ce qui concerne les feux d'éclairage et de signalisation, lors de l'homologation d'un ensemble comprenant plusieurs feux fixes avec attribution d'un numéro unique, une seule fiche peut être rédigée. Il suffit de signaler:
- dans l'en-tête, le nom des feux en question;
- les numéros des directives pertinentes.
Dans ce cas, la rubrique "DESCRIPTION SOMMAIRE" sera rédigée en annexe et y figureront, le cas échéant, pour chaque feu:
- le nombre et la catégorie de lampe(s) à incandescence;
- la tension nominale;
- la catégorie du dispositif;
- la couleur de la lumière émise.
With regard to lighting and light-signalling lamps, when an assembly comprising several lamps designed by a single number has been approved, a single form may be prepared. It is sufficient to indicate:
- In the heading, the names of the lamps in question;
- The numbers of the various relevant regulations.
In this case, the item "CONCISE DESCRIPTION" is to be prepared as an annex containing the following information for each lamp, where applicable:
- Number and category of filament lamp(s),
- Rated voltage,
- Category of the device,
- Colour of light emitted.

4/ Pour les lampes équipées de sources lumineuses non remplaçables, indiquer le nombre et la consommation totale en watt des sources lumineuses.
For lamps with non-replaceable light sources indicate the number and the total wattage of the light sources.

GRAND-DUCHÉ DE LUXEMBOURG

Ministère du Développement durable et des Infrastructures
Département des Transports

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SOCIÉTÉ NATIONALE DE CERTIFICATION ET D'HOMOLOGATION
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Registre de Commerce: B 27180

L-5201 Sandweiler

Référence: E13*50R00*50R00*34680*00

Annexes: - Rapport technique
- Fiche de renseignements du constructeur

Luxembourg, le 25 avril 2017

Index du dossier d'homologation

Index to type-approval report

	Numéro d'homologation: Approval number:	E13*50R00*50R00*34680*00
	Révision: Revision:	00
	Marque de fabrique ou de commerce: *Trade name or mark:*	
	Type: *Type:*	*ST-262-2*
1.	**Procès-verbal d'essai:** Test report:	N° LCA 51 0736 003 17
	- Technical report: - Index to information package: - Results of photometric tests:	Pages 1 to 7 Annex A - Page 1 Annex B - Pages 1 to 6
2.	**Dossier du constructeur:** Report of the manufacturer:	N° 17-0343
	- Information document: - Drawings of the device:	Annex C - Pages 1, 2 Annex C - Pages 3, 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:	25.04.2017
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

E13*50R00*50R00*34680*00
Société Nationale de Certification et d'Homologation

TECHNICAL REPORT

No.: LCA 51 0736 003 17

Inspection concerning the

APPROVAL OF FRONT AND REAR POSITION LAMPS, STOP LAMPS, DIRECTION INDICATOR LAMPS AND REAR REGISTRATION PLATE LAMPS FOR MOPEDS, MOTOR CYCLES AND VEHICLES TREATED AS SUCH

performed according to the

ECE- Regulation No. 50

Type: *ST-262-2*
Manufacturer:

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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Dexia-BIL
IBAN: LU48 0026 1824 1543 2600
BIC: BILLLULL

1. GENERAL

1.1 TEST PROVISIONS

The inspection was carried out according to the requirements of ECE-Regulation No. 50 –Supplement 18 to the Regulation in its original form, entered into force on October 8, 2016.

1.2 INFORMATION CONCERNING THE LAMP(S) AND THE REQUESTED APPROVAL

The following particulars are based on the previous type-approval as referred to on page 1 (if applicable).

1.2.1 () NUMBERING ACCORDING TO THE ECE COMPONENT TYPE-APPROVAL OF ECE-R50

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

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

ST-262-2

[3.] Name and address of manufacturer:

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

not applicable

[5.] Submitted for approval on:

November 25, 2016

...

[9.] Concise description:

Type of lamp	*Relevant Regulation*	*Number and category of filament lamp(s)*	*Rated voltage [V]*	*Category of the device*	*Colour of light emitted*
Front Direction Indicator	*R50.00*	*3 LEDs, non-replaceable, 2.3W*	*12V*	*11*	*Amber*
Front Position Lamp	*R50.00*	*1 LED, non-replaceable, 2.6W*	*12V*	*--*	*White*

Light source module: ~~*yes*~~ */ no*

Light source module specific identification code: *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/*~~*not applicable*~~
(b) being not part of the lamp: ~~*yes*~~*/no/*~~*not applicable*~~

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*

Only for limited mounting height of equal to or less than 750 mm above the ground: ~~*yes*~~ */ no*
Function(s) produced by an interdependent lamp forming part of an interdependent lamp system:
Front position lamp: ~~*yes*~~ */ no*
Rear position lamp: ~~*yes*~~ */ no*
Stop lamp: ~~*yes*~~ */ no*

[10.] Position of the approval mark:

on the lens

[11.] Reason(s) for the 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:

- *Sample 1: type ST-262-2, left-hand side, after 1 and 30 minutes*
- *Sample 2: type ST-262-2, right-hand side, after 1 and 30 minutes*

2.2 INSPECTION ITEMS

	Location of test:	Date of receipt of test item:	Date of test:	Inspector:
Main Report	ISOQA, Taiwan, ROC	**November 25. 2016**	**November 25. 2016**	**L.Lee A.Tang**

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

The rated voltage and the rated wattage of the non-replaceable light source (LEDs) / ~~the filament lamp categories~~ are clearly legible and indelible marked on the lens.

Spaces for the approval mark and additional symbols are provided on the lens as shown in Annex C, Page 3.

2.2.1 GENERAL SPECIFICATIONS

2.2.1.1 DEVICE

The colour of the light emitted is amber for front direction indicator and white for front position lamp according to paragraph 9 of the Regulation.

2.2.2 PHOTOMETRIC TESTS

The light emitted was obtained with a voltage of 13,5 Volts. The non-replaceable light source consists 3 LEDs in series.

The photometric performance was measured in accordance with paragraph 8.1 and Annex 4, paragraph 3.1 of the Regulation.

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.

For detailed results see Annex B, Page 1, 2, 4 and 5 of this report.

...

2.2.3 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 2.1 of this Regulation and in accordance with paragraph 2.7.2. of ECE-Regulations N0.53 and N0.74:

Type of lamp	Distance to centre of reference [mm]			
	upward	downward	inboard	outboard
Front Direction Indicator	See annex B, page 3			
Front Position Lamp	See annex B, page 6			

2.3 EXPLANATORY NOTE

2.3.1 GENERAL

Inspection results are only applicable to items which have been tested (unless otherwise noted).

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 and equipment as far as these are relevant for the lamp(s):

- Left and right-hand side device

3.2 REMARKS

3.2.1 GENERAL:

The test results stated above and in Annex B are representative for the device mentioned above.

...

4. STATEMENT OF COMPLIANCE

The inspections and measurements carried out have shown the compliance of lamp described in this report and the attached Annex with the requirements of ECE-Regulation No. 50 – Supplement 18 to the Regulation in its original form, entered into force on October 8, 2016.

Shanghai, P.R.China, April 21, 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.: E13*50R00*50R--*--*00

Main Report

Technical Report No.:	LCA 51 0736 003 17	Page 1 to 7

Composition of the Annex:

A: Index	Page 1
B: Test results	Page 1 to 6
C: Information folder	Page 1 to 4

Index to the information folder:

- manufacturer's information document (page 1 to 2)
- drawings of the lighting device (page 3 to 4)

...

Results of the photometric tests of the front direction indicator-smoke lens

Front Direction Indicator

Test Point		minimum (cd)	Sample. 1 (LH)		Sample. 2 (RH)		Result		max
HV (1min)		90	94.600	-	93.400	-	T	T	1000
HV (30min)		90	-	92.900	-	91.700	T	T	1000
10U	5L	18	19.867	19.510	31.340	30.770	T	T	1000
10U	5R	18	18.991	18.650	30.974	30.410	T	T	1000
5U	20R	9	10.241	10.057	13.384	13.140	T	T	1000
5U	10R	18	43.013	42.240	47.800	46.930	T	T	1000
5U	V	63	66.352	65.160	68.904	67.650	T	T	1000
5U	10L	18	43.186	42.410	45.580	44.750	T	T	1000
5U	20L	9	10.305	10.120	11.102	10.900	T	T	1000
H	10L	31.5	50.548	49.640	49.756	48.850	T	T	1000
H	5L	81	87.604	86.030	88.175	86.570	T	T	1000
H	5R	81	86.779	85.220	87.452	85.860	T	T	1000
H	10R	31.5	51.302	50.380	54.319	53.330	T	T	1000
5D	20R	9	9.497	9.326	14.585	14.320	T	T	1000
5D	10R	18	44.123	43.330	47.556	46.690	T	T	1000
5D	V	63	79.478	78.050	67.448	66.220	T	T	1000
5D	10L	18	49.326	48.440	44.999	44.180	T	T	1000
5D	20L	9	11.161	10.960	10.491	10.300	T	T	1000
10D	5L	18	30.773	30.220	31.677	31.100	T	T	1000
10D	5R	18	27.514	27.020	34.895	34.260	T	T	1000
minimum		0.3	0.343	0.337	65.553	64.360	T	T	1000
maximum		0.3	68.560	67.328	89.518	87.889	T	T	1000

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

...

Results of the photometric tests of the front direction indicator-clear lens

Test Point		minimum (cd)	Sample. 1 (LH)		Sample. 2 (RH)		Result		max
HV (1min)		90	105.400	-	103.700	-	T	T	1000
HV (30min)		90	-	103.500	-	100.600	T	T	1000
10U	5L	18	21.761	21.370	40.843	40.100	T	T	1000
10U	5R	18	25.386	24.930	41.638	40.880	T	T	1000
5U	20R	9	9.317	9.150	17.733	17.410	T	T	1000
5U	10R	18	54.184	53.210	50.978	50.050	T	T	1000
5U	V	63	78.012	76.610	70.860	69.570	T	T	1000
5U	10L	18	45.111	44.300	52.832	51.870	T	T	1000
5U	20L	9	9.450	9.280	11.825	11.610	T	T	1000
H	10L	31.5	59.540	58.470	54.359	53.370	T	T	1000
H	5L	81	97.146	95.400	94.113	92.400	T	T	1000
H	5R	81	94.396	92.700	92.982	91.290	T	T	1000
H	10R	31.5	64.173	63.020	56.651	55.620	T	T	1000
5D	20R	9	10.061	9.880	19.566	19.210	T	T	1000
5D	10R	18	51.740	50.810	50.245	49.330	T	T	1000
5D	V	63	70.283	69.020	71.552	70.250	T	T	1000
5D	10L	18	49.235	48.350	48.014	47.140	T	T	1000
5D	20L	9	9.491	9.320	11.805	11.590	T	T	1000
10D	5L	18	27.881	27.380	36.627	35.960	T	T	1000
10D	5R	18	29.174	28.650	37.197	36.520	T	T	1000
minimum		0.3	0.367	0.360	0.358	0.351	T	T	1000
maximum		0.3	72.769	71.461	69.040	67.783	T	T	1000

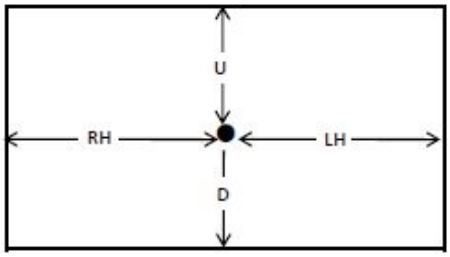
*According to the manufacturer's technical description, all light sources were connected in series, if one LED fails all LEDs will fail.

...

Measument of the colour of the light emitted:

Test Point	Sample 1		Sample 2		Remark
HV-Smoke lens	x	y	x	y	T
	0.5992	0.4005	0.5864	0.4133	
Test Point	Sample 1		Sample 2		Remark
HV-Clear lens	x	y	x	y	T
	0.5883	0.4115	0.5946	0.4053	

Determination of the apparent surface



Device	upper edge (U) mm	lower edge (D) mm	LH edge (LH) mm	RH edge (RH) mm
Front Direction Indicator	6	8	7	10

...

Results of the photometric tests of the front position lamp-smoke lens

Test Point	minimum (cd)	Sample. 1 (LH)		Sample. 2 (RH)		Result		max
		1 min	30 mins	1 min	30 mins			
HV (1min)	4	57.020	-	60.270	-	T	T	140
HV (30min)	4	-	53.790	-	56.700	T	T	140
10U 5L	0.8	41.964	41.210	24.944	24.490	T	T	140
10U 5R	0.8	39.113	38.410	26.849	26.360	T	T	140
5U 20R	0.4	11.140	10.940	8.627	8.470	T	T	140
5U 10R	0.8	37.086	36.420	44.368	43.560	T	T	140
5U V	2.8	65.130	63.960	50.245	49.330	T	T	140
5U 10L	0.8	44.581	43.780	35.404	34.760	T	T	140
5U 20L	0.4	7.800	7.660	12.772	12.540	T	T	140
H 10L	1.4	42.025	41.270	38.073	37.380	T	T	140
H 5L	3.6	50.497	49.590	47.331	46.470	T	T	140
H 5R	3.6	47.992	47.130	53.789	52.810	T	T	140
H 10R	1.4	37.382	36.710	44.724	43.910	T	T	140
5D 20R	0.4	9.460	9.290	6.316	6.201	T	T	140
5D 10R	0.8	31.710	31.140	37.258	36.580	T	T	140
5D V	2.8	35.824	35.180	54.655	53.660	T	T	140
5D 10L	0.8	23.625	23.200	37.533	36.850	T	T	140
5D 20L	0.4	3.783	3.715	11.886	11.670	T	T	140
10D 5L	0.8	8.727	8.570	24.414	23.970	T	T	140
10D 5R	0.8	10.865	10.670	22.693	22.280	T	T	140
minimum	0.05	0.192	0.189	0.110	0.108	T	T	140
maximum	0.05	64.732	63.569	60.813	59.706	T	T	140

...

Results of the photometric tests of the front position lamp-clear lens

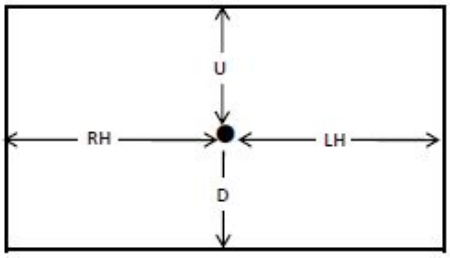
Test Point	minimum (cd)	Sample. 1 (LH)		Sample. 2 (RH)		Result		max
		1 min	30 mins	1 min	30 mins			
HV (1min)	4	69.900	-	70.100	-	T	T	140
HV (30min)	4	-	65.180	-	66.750	T	T	140
10U 5L	0.8	34.215	33.600	32.145	31.560	T	T	140
10U 5R	0.8	33.838	33.230	32.552	31.960	T	T	140
5U 20R	0.4	11.497	11.290	9.595	9.420	T	T	140
5U 10R	0.8	38.746	38.050	48.126	47.250	T	T	140
5U V	2.8	65.925	64.740	61.448	60.330	T	T	140
5U 10L	0.8	45.192	44.380	41.414	40.660	T	T	140
5U 20L	0.4	7.544	7.408	14.219	13.960	T	T	140
H 10L	1.4	47.300	46.450	42.076	41.310	T	T	140
H 5L	3.6	56.872	55.850	56.132	55.110	T	T	140
H 5R	3.6	52.554	51.610	61.988	60.860	T	T	140
H 10R	1.4	39.734	39.020	48.971	48.080	T	T	140
5D 20R	0.4	10.407	10.220	7.328	7.195	T	T	140
5D 10R	0.8	37.555	36.880	38.317	37.620	T	T	140
5D V	2.8	47.656	46.800	60.267	59.170	T	T	140
5D 10L	0.8	29.286	28.760	39.244	38.530	T	T	140
5D 20L	0.4	4.672	4.588	14.097	13.840	T	T	140
10D 5L	0.8	12.698	12.470	30.882	30.320	T	T	140
10D 5R	0.8	14.725	14.460	29.711	29.170	T	T	140
minimum	0.05	0.264	0.259	0.172	0.169	T	T	140
maximum	0.05	70.738	69.467	73.266	71.932	T	T	140

...

Measument of the colour of the light emitted:

Test Point	Sample 1		Sample 2		Remark
HV-Smoke lens	x	y	x	y	T
	0.3276	0.3238	0.3239	0.3204	
Test Point	Sample 1		Sample 2		Remark
HV-Clear lens	x	y	x	y	T
	0.3200	0.3170	0.3130	0.3110	

Determination of the apparent surface



Device	upper edge (U) mm	lower edge (D) mm	LH edge (LH) mm	RH edge (RH) mm
Front Position Lamp	3	5	2	5

...

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MODEL INFORMATION DOCUMENT NO. 17-0343

ECE

APPLICATION DOCUMENTS

Device Name: ST-262-2

Initial Application

Date: 14 April 2017

Manufacturer

Address

I. SPECIFICATION DATE

1. FUNCTION, APPLICABLE REGULATION, LAMP & COLOUR:

TRADE MARK			
FUNCTION	**ECE APPLICABLE REGULATION**	**TYPE OF FILAMENT BULB**	**COLOUR OF EMIT**
- Front Direction Indicator	R50.00 Category 11	LED x 3, 12V, 2.3 W	Amber
- Front Position Lamp	R50.00 Category -	LED x 1 , 12V, 2.6 W	White

2. Drawing No.: ST-262-2

3. MAKE: ST-262-2

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Société Nationale de Certification et d'Homologation

MODEL INFORMATION DOCUMENT NO. 17-0343

II. TECHINICAL DATA

1. CONSTRUCTION AND MATERIAL:

CONSTRUCTION	MATERIAL	REMARKS
Lens	PLASTIC	
Housing	Metallic	

2. LOCATION OF MARKING

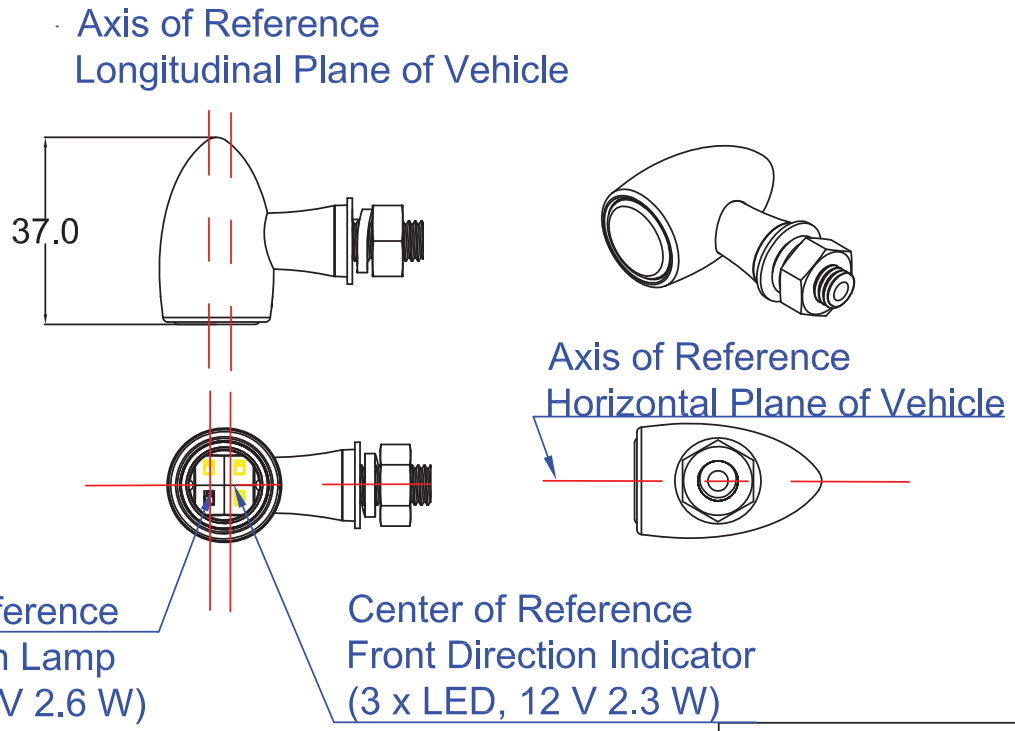
MARKING		LOCATION
Trade mark		On Lens
Lamp designation mark		
- Front Direction Indicator	11	On Lens
- Front Position Lamp	-	On Lens

NOTE:

1. Approval marking shall be shown in the attached drawing.

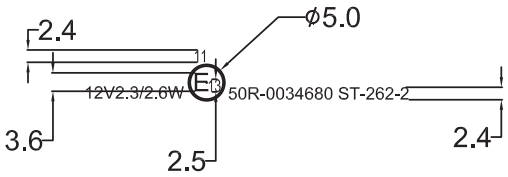
2. Only for limited mounting height of equal to or less than 750 mm above the ground. ~~yes/~~ no

3.According to the manufacturer’s technical description, thethe front direction indicator light source were connected in series, if one LED fail all LEDs fail.



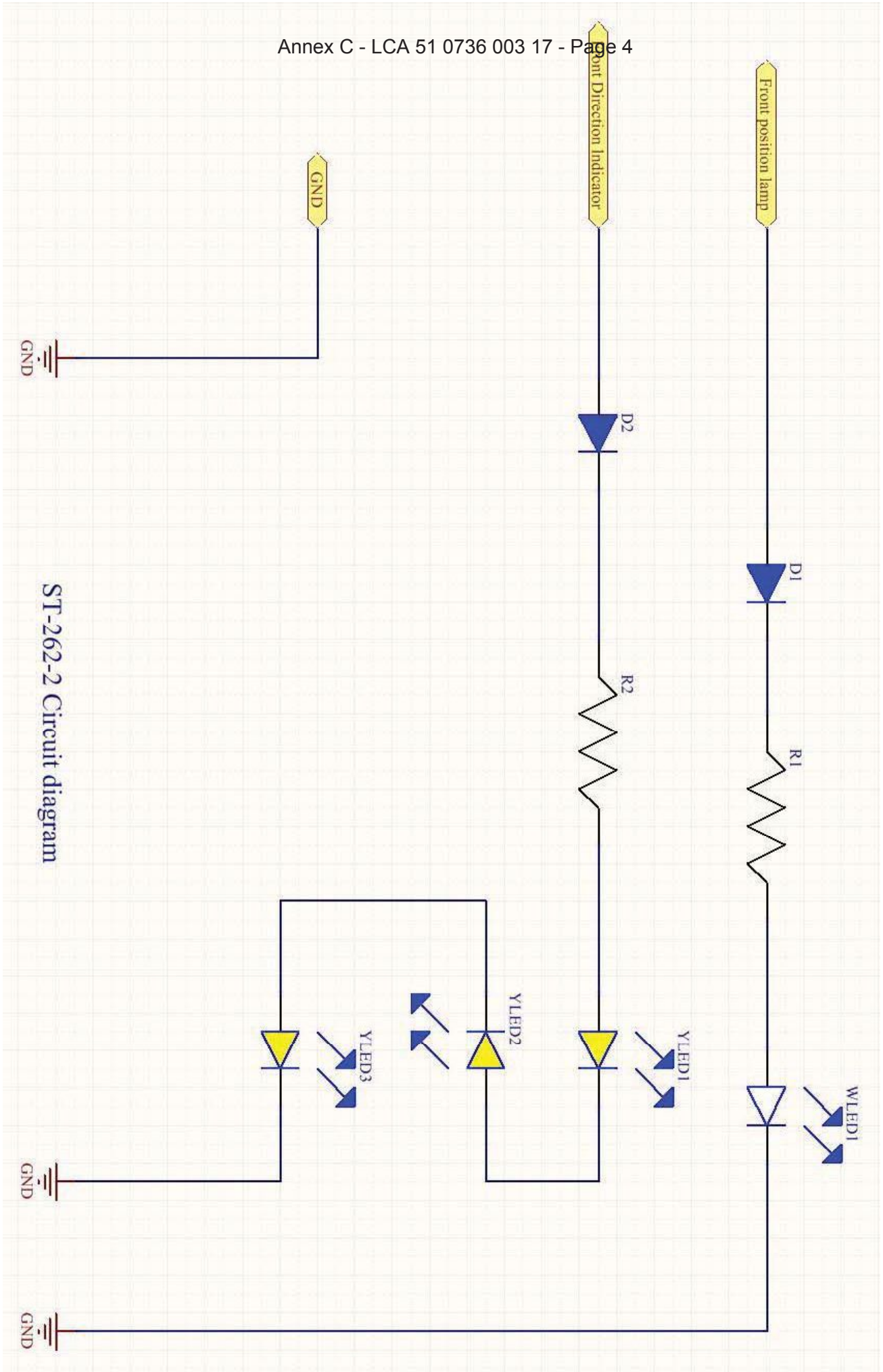


Marking:



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[redacted]	
TYPE NAME	ST-262-2
FUNCTION	Front direction indicator & position lamp
DRAWING NO.	ST-262-2



ST-262-2 Circuit diagram

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