



Référence: E13*07R02/27*34778*00

Annexes: - Rapport technique
- Fiche de renseignements du constructeur

Luxembourg, le 12 août 2019

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APPROVAL WITHDRAWN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

Numéro d'homologation: E13*07R02/27*34778*00
Approval number:

Marque d'homologation: refer to the manufacturer's information document
Approval mark:

- 1. Marque de fabrique ou de commerce du dispositif:** JUNYAN
Trade name or mark of the device:
- 2. Désignation du type de dispositif par le fabricant:** J017-00-2
Manufacturer's name for the type of device:
- 3. Nom et adresse du fabricant:** Jun Yan Industrial Co., Ltd.
Manufacturer's name and address: No 121, Wen-cheng Road, Tainan City, Taiwan, R.O.C.
- 4. Nom et adresse du mandataire du fabricant (le cas échéant):** not applicable
If applicable, name and address of the manufacturer's representative:
- 5. Dispositif soumis à l'homologation le:** 25.03.2019
Submitted for approval on:

6. **Autorité déléguée:** *Société Nationale de Certification et d'Homologation*
Assigned authority: *L-5201 Sandweiler*
- Service technique chargé des essais:** Luxcontrol SA
Technical service responsible for conducting approval tests: B.P. 349
L-4004 Esch-sur-Alzette
7. **Date du procès-verbal délivré par ce service:** 23.07.2019
Date of test report issued by that service:
8. **Numéro du procès-verbal délivré par ce service:** LCA 51 0732 021 19
Number of test report issued by that service:
9. **Brève description:**
Concise description:
- 9.1 **Par catégorie de feu:** R1-S1
By category of lamp:
- **Pour montage à l'extérieur ~~ou~~ à l'intérieur, ou les deux 2/:** outside
For mounting either outside ~~or inside~~ or both 2/:
- **Couleur de la lumière émise 2/:** rouge, ~~blanc~~
Colour of light emitted 2/: red, white
- **Nombre, catégorie et type de la ou des sources lumineuses:** rear position lamp: 1, LED x 116, non-replaceable
Number, category and kind of light source(s): stop lamp: 1, LED x 72, non-replaceable
- **Tension et puissance:** rear position lamp: 12V, 19.8W
Voltage and wattage: stop lamp: 12V, 11W
- **Code d'identification propre au module d'éclairage:** not applicable
Light source module specific identification code:
- **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
- **Caractéristiques géométriques de montage et variantes éventuelles:** see Annex C, page 5
Geometrical conditions of installation and relating variations, if any:

- 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:

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

12V

- 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/: ~~oui~~ / non
Variable luminous intensity 2/: ~~yes~~ / no

- Le feu de position avant 2/, feu de position arrière 2/, feu-stop 2/, feu d'encombrement 2/ ne peut être utilisé que sur un véhicule équipé d'un témoin indiquant un défaut de fonctionnement:

The front position lamp 2/, rear position lamp 2/,
stop lamp 2/, end-outline marker lamp 2/ is only for use
on a vehicle fitted with a tell-tale indicating failure

~~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/: ~~oui~~ / non
Front position lamp 2/: ~~yes~~ / no

- Feu de position arrière R1 2/: ~~oui~~ / non
R1 Rear position lamp 2/: ~~yes~~ / no

- Feu de position arrière R2 2/: ~~oui~~ / non
R2 Rear position lamp 2/: ~~yes~~ / no

- Feu-stop S1 2/: ~~oui~~ / non
S1 Stop lamp 2/: ~~yes~~ / no

- Feu-stop S2 2/: ~~oui~~ / non
S2 Stop lamp 2/: ~~yes~~ / no

- Feu-stop S3 2/: ~~oui~~ / non
S3 Stop lamp 2/: ~~yes~~ / no

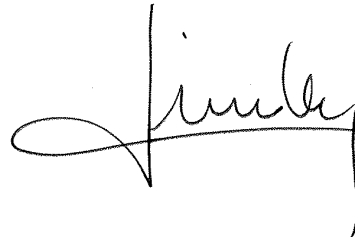
- **Feu-stop S4 2/:** oui / non
S4 Stop lamp 2/:
- **Feu d'encombrement 2/:** oui / non
End-outline marker lamp 2/:
- 10. Position de la marque d'homologation:** on the lens
Position of the approval mark:
- 11. Motif(s) de l'extension d'homologation (le cas échéant):** not applicable
Reason(s) for extension (if applicable):
- 12. Homologation 2/:** accordée / ~~prorogée~~ / refusée / retirée
Approval 2/:
- 13. Lieu:** Luxembourg
Place:
- 14. Date:** 12 août 2019
Date:
- 15. Signature:**
Signature:

Pour le Ministre de la Mobilité
et des Travaux publics



Alain DISVISCOUR
Conseiller

Pour la SNCH



Laurent LINDEN
Directeur opérationnel



- 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"



Référence: E13*07R02/27*34778*00

Annexes: - Rapport technique
- Fiche de renseignements du constructeur

Luxembourg, le 12 août 2019

Index du dossier d'homologation

Index to type-approval report

	Numéro d'homologation: Approval number:	E13*07R02/27*34778*00
	Révision: Revision:	00
	Marque de fabrique ou de commerce: Trade name or mark:	JUNYAN
	Type: Type:	J017-00-2
1.	Procès-verbal d'essai: Test report:	N° LCA 51 0732 021 19
	- 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° --
	- Information document & drawings:	Annex C - Pages 1 to 6
3.	Autres documents annexés: Other documents annexed:	not applicable
4.	Date de délivrance de l'homologation initiale: Date of issue of initial type approval:	12.08.2019
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



Luxcontrol

TECHNICAL REPORT

No.: LCA 51 0732 021 19

Inspection concerning the

Approval of front and rear position (side) lamps and end-outline marker lamps and stop lamps for motor vehicles

performed according to

E13*07R02/27*34778*00

Société Nationale de Certification et d'Homologation

ECE-Regulation No. 7

Type: **J017-00-2**

Manufacturer: **Jun Yan Industrial Co., Ltd.**
No 121, Wen-cheng Road, Tainan City,
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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- Luxcontrol SA

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



1. **General**

1.1. **Test Provisions**

The inspection was carried out according to the requirements of the ECE-Regulation No. 7 including Supplement 27 to the 02 series of amendments – Date of entry into force on 10 February 2018.

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:

JUNYAN

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

E13*07R02/27*34778*00
Société Nationale de Certification et d'Homologation

J017-00-2

[3.] Manufacturer's name and address:

**Jun Yan Industrial Co., Ltd.
No 121, Wen-cheng Road, Tainan City, Taiwan, R.O.C.**

[4.] Name and address of manufacturer's authorized representative:
Not applicable

[5.] Submitted for approval on:

March 25, 2019

[9.] Concise description:

[9.1.]

-By category of lamp:
-for mounting either:

R1-SI
outside ~~or inside~~ ~~or~~
both

-Colour of light emitted:
-Number, category and kind of light source(s):

red / white

Rear position:
Stop:

1, LED×116, non-replaceable
1, LED×72, non-replaceable



	-voltage and wattage:	
	R1:	12V, 19.8W
	S1:	12V, 11W
	-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 5
	-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 supplied by electronic light source control gear / variable intensity control:	12V
	-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: J017-00-2
- sample 1 left hand device
- sample 2 right hand device

2.2. Inspection items

	Location of test:	Date of receipt of test item:	Date of test:	Inspector by Luxcontrol:
Main report	ISOQA, Taiwan, ROC	March 25, 2019	March 25, 2019 ~ March 26, 2019	J. Shih ~ W. Zeng

2.2.1. Markings:

The trade mark is marked clearly legible and indelible on 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 device as shown in Annex C, page 5.

2.2.2. General specifications

The colour of the light emitted is within the limits of the co-ordinates for red prescribed in Annex 5 of the Regulation.

2.2.3. Photometric tests

The light emitted was obtained by means of an uncoloured standard lamp of the category stated under section 1.2.1. [9.] above, producing the required luminous flux.

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 rear position (side) lamp is reciprocally incorporated with the stop-lamp. The ratio between the luminous intensities of the two lamps when turned on simultaneously and the intensity of the position lamp when turn on alone is greater than 5:1 in the field required.

For detailed results see Annex B, Page 1 to 2 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 Annex II, paragraph 2.9.2. of Council Directive 76/756/EEC (as amended by 97/28/EC) and paragraph 2.9.2. of ECE-Regulation No. 48:

Type of lamp	Distance to centre of reference [mm]			
	upward	downward	inboard	outboard
Rear position lamp	See annex B, page 1			
Stop lamp	See annex B, page 2			

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.

This report describes the examination of the rear position lamp and stop lamp as a part of a device of grouped lamps.

For the examination of the other lamps of the device, refer to the following reports:

<u>Type of lamp</u>	<u>Technical Report No.</u>
Rear Direction Indicator	LCA 51 0732 020 19
Reversing Lamp	LCA 51 0732 022 19



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 27 to the 02 series of amendments which entered into force on 10 February 2018.

Shanghai, P.R. China,

July 23, 2019

Luxcontrol s.a.
Service Homologation-automobile

Jason Shih
Ingénieur-Inspecteur

Wayne Zeng
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 0732 021 19 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 6

Index to the information folder:

- Manufacturer's information document & drawing (page 1 to 6)



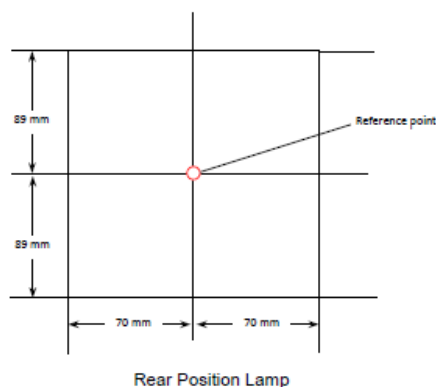
Results of the photometric tests of rear position lamp category R1:

Test Point	Minimum (cd)	Maximum (cd)	Sample 1 (LHM)			Sample 2 (RHM)		
			1 min	30 min	n-1 ⁽¹⁾	1 min	30 min	n-1 ⁽¹⁾
H - V	4	17	9.64	6.67	-	7.95	5.31	-
10U - 5L	0.8	17	8.50	5.88	-	8.83	5.90	-
10U - 5R	0.8	17	10.23	7.08	-	7.07	4.72	-
5U - 20R	0.4	17	12.50	8.64	-	4.68	3.13	-
5U - 10R	0.8	17	11.04	7.63	-	6.23	4.16	-
5U - V	2.8	17	9.48	6.55	-	8.06	5.38	-
5U - 10L	0.8	17	7.34	5.08	-	9.69	6.47	-
5U - 20L	0.4	17	5.23	3.62	-	11.19	7.47	-
H - 10L	1.4	17	7.37	5.10	-	9.48	6.33	-
H - 5L	3.6	17	8.44	5.84	-	8.63	5.76	-
H - 5R	3.6	17	10.18	7.04	-	6.97	4.65	-
H - 10R	1.4	17	10.89	7.53	-	6.09	4.07	-
5D - 20R	0.4	60	11.99	8.29	-	4.45	2.97	-
5D - 10R	0.8	60	10.53	7.28	-	5.80	3.88	-
5D - V	2.8	60	9.14	6.32	-	7.41	4.95	-
5D - 10L	0.8	60	7.19	4.97	-	9.04	6.03	-
5D - 20L	0.4	60	5.19	3.59	-	10.58	7.07	-
10D - 5L	0.8	60	7.85	5.43	-	7.96	5.31	-
10D - 5R	0.8	60	9.37	6.48	-	6.42	4.29	-
Visibility below 5D ⁽²⁾	0.05	60	(0.959) 12.744	(0.663) 8.811	-	(0.789) 12.121	(0.527) 8.093	-
Visibility above 5D ⁽²⁾	0.05	17	(1.034) 13.068	(0.715) 9.035	-	(0.951) 12.508	(0.635) 8.351	-
Result			PASS	PASS	-	PASS	PASS	-

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

Function (s)	Color of light emitted	Sample 1 (LHM)		Sample 2 (RHM)		Result
		x	y	x	y	
Rear Position Lamp	Red	0.7012	0.2986	0.7031	0.2963	Pass
Stop Lamp	Red	0.6981	0.3017	0.7010	0.2989	Pass

Determination of the apparent surface:





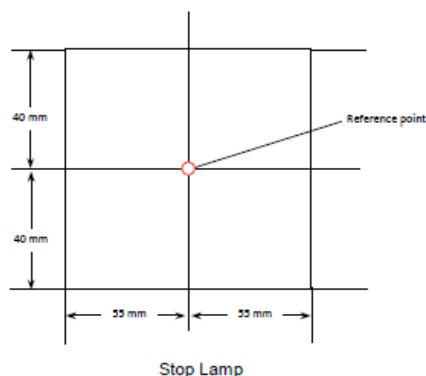
Results of the photometric tests of the stop lamp, category S1:

Test Point	Minimum (cd)	Maximum (cd)	Sample 1 (LHM)			Sample 2 (RHM)		
			1 min	30 min	n-1 ⁽¹⁾	1 min	30 min	n-1 ⁽¹⁾
H - V	60	260	135.00	113.50	-	160.60	114.50	-
10U - 5L	12	260	108.24	91.00	-	118.94	84.80	-
10U - 5R	12	260	88.96	74.79	-	105.73	75.38	-
5U - 20R	6	260	30.24	25.42	-	25.35	18.07	-
5U - 10R	12	260	91.15	76.63	-	98.31	70.09	-
5U - V	42	260	122.39	102.90	-	148.68	106.00	-
5U - 10L	12	260	114.07	95.90	-	116.14	82.80	-
5U - 20L	6	260	52.80	44.39	-	48.21	34.37	-
H - 10L	21	260	112.88	94.90	-	111.93	79.80	-
H - 5L	54	260	131.07	110.20	-	140.40	100.10	-
H - 5R	54	260	116.80	98.20	-	141.38	100.80	-
H - 10R	21	260	95.51	80.30	-	106.89	76.21	-
5D - 20R	6	260	30.51	25.65	-	25.21	17.97	-
5D - 10R	12	260	89.61	75.34	-	103.22	73.59	-
5D - V	42	260	122.04	102.60	-	138.16	98.50	-
5D - 10L	12	260	94.44	79.40	-	99.29	70.79	-
5D - 20L	6	260	40.11	33.72	-	42.35	30.19	-
10D - 5L	12	260	89.65	75.37	-	95.50	68.09	-
10D - 5R	12	260	86.39	72.63	-	99.54	70.97	-
Visibility ⁽²⁾	0.3	260	(0.559) 137.849	(0.470) 115.895	-	(0.616) 161.590	(0.439) 115.206	-
Result			PASS	PASS	-	PASS	PASS	-

Measurement of the colour of the light emitted: stop lamp

Function (s)	Color of light emitted	Sample 1 (LHM)		Sample 2 (RHM)		Result
		x	y	x	y	
Rear Position Lamp	Red	0.7012	0.2986	0.7031	0.2963	Pass
Stop Lamp	Red	0.6981	0.3017	0.7010	0.2989	Pass

Determination of the apparent surface:



0. General

- 0.1. Make (trade name of manufacturer) : JUNYAN
- 0.2. Type : J017-00-2
- 0.3. Version / Variant : --
- 0.4. Manufacturer's name and address : Jun Yan Industrial Co., Ltd.
No 121, Wen-cheng Road,
Tainan City,
Taiwan, R.O.C.
- 0.5. Test laboratory : ISOQA Technical Service Co., Ltd
60, Yong Long Road,
41257 Da-Li, Taichung
Taiwan
- 0.6. Assembly plant address : No. 10, Sinhe Rd., South District, Tainan City, Taiwan, R.O.C.

1. Test object (s)

1.1. Information :

Material of Outer Lens	PMMA		
Material of Inner Lens	PC		
Material of Housing	ABS		
Material of Reflector	ABS		
Rated Voltage	12 V		
Rear Position Lamp	Category	R1	
	Light Source	116 x LED, 12 V, 19.8 W	
	Light Source Control Gear	Type	: part of the lamp and include into the lamp body
	Color of light emitted	Red	
	Color of Inner lens	Clear	
	Color of Outer lens	Clear	
	Visibility	The visibility angles are asymmetrical, the horizontal arrow is required.	
	Grouped with	Rear direction indicator and Reversing lamp	
	Combined with	--	
	Incorporated with	Stop lamp	
Stop Lamp	Category	S1	
	Light Source	72 x LED, 12 V, 11 W	
	Light Source Control Gear	Type	: part of the lamp and include into the lamp body
	Color of light emitted	Red	
	Color of Inner lens	Clear	
	Color of Outer lens	Clear	
	Visibility	The visibility angles are asymmetrical, the horizontal arrow is required.	
	Grouped with	Rear direction indicator and Reversing lamp	
	Combined with	--	
	Incorporated with	Rear position lamp	

1.2. Location of Marking : see Appendix 2

1.3. Remark(s) :

1.3.1 There are no objections against the variants that may be described in the Information folder respectively the information document by the manufacturer because adversely effects are not expected.

The lamps are part of the same assembly of grouped, combined or reciprocally incorporated lamps. Each of these lamps satisfies the requirements of the relevant regulation.

4. Communication

Concerning : APPROVAL GRANTED

of a type of device pursuant to Regulation No. 7

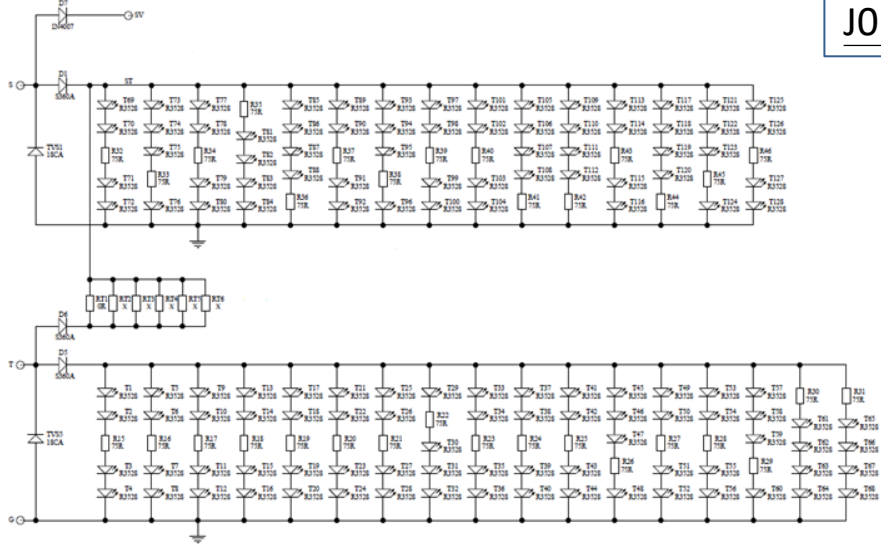
Approval No. 7R-02 34778 Extension No. 00

4.1. Concise description

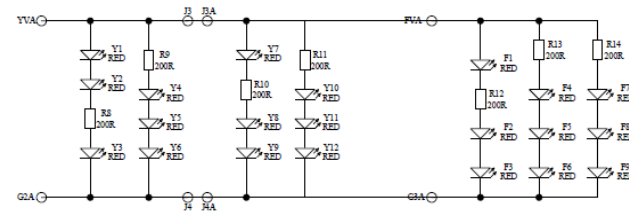
4.1.1	By category of lamp	:	R1-S1
	For mounting either outside or inside or both	:	outside
	Colour of light emitted	:	Red
	Number, category and kind of light source(s)	:	Rear position lamp : 116 X LED, non-replaceable Stop lamp : 72 X LED, non-replaceable
	Voltage and wattage	:	Rear position lamp : 12 V , 19.8 W Stop lamp : 12 V , 11W
	Light source module specific identification code	:	N/A
	Only for installation on M1 and/or N1 category vehicles	:	NO
	Only for limited mounting height of equal to or less than 750mm above the ground	:	NO
	Geometrical conditions of installation and relating variations, if any	:	Reference axis parallel to the median longitudinal plane of the vehicle and parallel to the bearing plane of the vehicle on the road (see drawing).
	Application of an electronic light source control gear/variable intensity control		
	(a) being part of the lamp	:	YES
	(b) being not part of the lamp	:	NO
	Input voltage(s) supplied by an electronic light source control gear/variable intensity control	:	12 V

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)	:	N/A
Variable luminous intensity	:	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	:	N/A
4.1.2 Function(s) produced by an interdependent lamp forming part of an interdependent lamp system		
Front position lamp	:	N/A
R1 Rear position lamp	:	NO
R2 Rear position lamp	:	N/A
S1 Stop lamp	:	NO
S2 Stop lamp	:	N/A
S3 Stop lamp	:	N/A
S4 Stop lamp	:	N/A
End-outline marker lamp	:	N/A
4.2. Position of the approval mark	:	on the lens
4.3. Reason(s) for extension (if applicable)	:	N/A

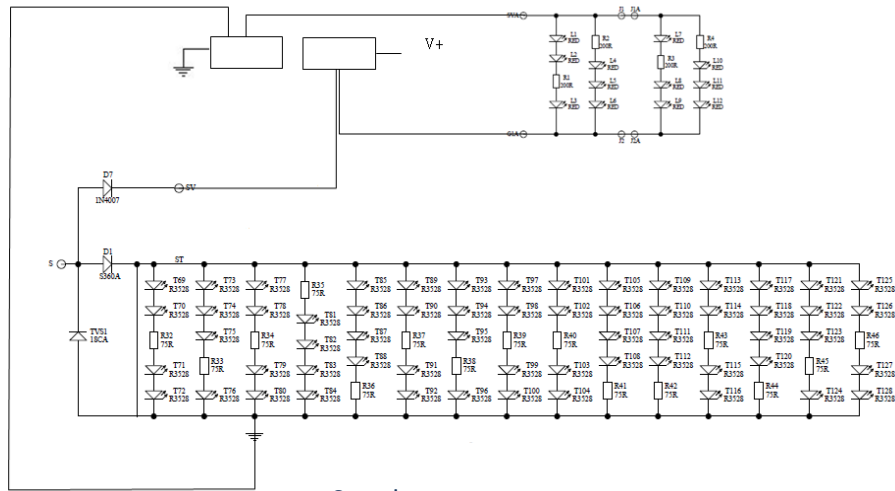
J017-00-2 circuit diagram



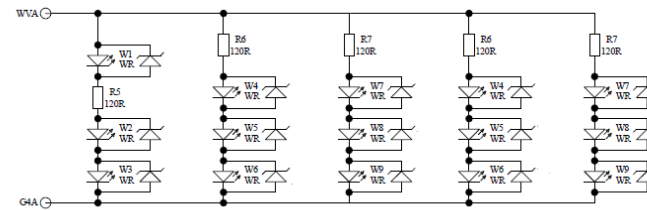
Rear position lamp



Rear direction indicator



Stop lamp



Reversing lamp