

ECE TYPE-APPROVAL CERTIFICATE



Communication concerning:² \

Approval granted
~~Approval extended~~
~~Approval refused~~
~~Approval withdrawn~~
~~Production definitely discontinued~~

of a type device pursuant to Regulation No. 7

Approval No: **E24*7R02/27*0241*00**

Reason for extension:

N/A

1. Trade name or mark of the device:

JUNYAN

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

J013-00-1

3. Manufacturer's name and address:

***Jun Yan Industrial Company Limited
No. 10, Sinhe Rd.,
704 South District, Tainan City,
Taiwan, R.O.C***

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

N/A

5. Submitted for approval on:

17.04.2019

6. Technical service responsible for conducting approval tests:

***ISOQA Technical Service Co., Ltd.
60, Yong Long Road,
41257 Da-Li, Taichung,
Taiwan***

7. Date of test report issued by that service:

15.04.2019

8. Number of report issued by that service:

ISOQA-17-0624-R7-A

¹ Distinguishing number of the country which has granted/refused/withdrawn approval (see approval provisions in the Regulation).

² Strike out which does not apply.

Approval No: **E24*7R02/27*0241*00**

9. Concise description:

9.1 By Category of lamps:

For mounting ~~either outside or inside or both~~²

Colour of light emitted: ~~red~~/white²

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

Voltage and wattage:

Light source module specific identification code:

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

Geometric conditions of installation and relating variations (if any):

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

(a) being part of the lamp: ~~yes~~/no²

(b) being not part of the lamp: ~~yes~~/no²

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

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):

A Front position lamp

Outside

White

1 non replaceable light source (45 LEDs connected as 1 light source)

12 V and 3.2 W

N/A

No

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).

N/A

N/A

N/A

N/A

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Variable luminous intensity: ~~yes~~/no² **No**

The front position lamp², ~~rear position lamp², stop lamp², end-outline marker lamp²~~, is only for use on a vehicle fitted with a tell-tale indication failure: ~~yes~~/no² **No**

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

Front position lamp	yes /no ²	No
R1 Rear position lamp	yes /no ²	
R2 Rear position lamp	yes /no ²	
S1 stop lamp	yes /no ²	
S2 stop lamp	yes /no ²	
S3 stop lamp	yes /no ²	
S4 stop lamp	yes /no ²	
End-outline marker lamp	yes /no ²	

10. Position of the approval mark: **On the lens**

11. Reason(s) for extension (if applicable): **N/A**

12. Approval granted/~~extended~~/~~refused~~/~~withdrawn~~²: **Granted**

13. Place: **Dublin**

14. Date: **27th June, 2019**

15. Signature: 



16. The list of documents deposited with the Administrative Service which has granted approval, is annexed and may be obtained on request.

Index to the Information Package

Date of issue:	<i>27th June, 2019</i>
Date of latest amendment:	<i>N/A</i>
Reason for extension/revision:	<i>N/A</i>
1. Additional conditions, and advisory notes on legal alternatives.	
2. Test report(s)	
- numbers(s):	<i>ISOQA-17-0624-R7-A</i>
- date of issue:	<i>15.04.2019</i>
- date of latest amendment:	<i>N/A</i>
3. Information document	
- number(s):	<i>INFORMATION</i>
- date of issue:	<i>18.07.2017</i>
- date of latest amendment:	<i>N/A</i>
Documentation:	<i>14 pages</i>



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Appendix: **Additional conditions, and advisory notes on legal alternatives.**

A: Additional conditions:

1. The device, Type J013-00-1, shall be marked as prescribed in the regulation.
2. The attached technical report, with any of its attachments, forms part of this Type Approval certificate.
3. Each individual product from series production shall be to the measurements specified in the attached drawings, and shall be manufactured only from the materials specified in the Approval documents.
4. Changes in the product are permitted only with the explicit permission of NSAI. Breaches of this requirement will lead to a withdrawal of the Type Approval, and in addition may be subject to criminal prosecution.
5. This Type Approval will expire when it is surrendered by the holder, or withdrawn by NSAI, or when the approved type of product no longer conforms to legal requirements. The recall of the Type Approval can be issued by NSAI when the conditions required for the issuing or continuation of the Type Approval are no longer current, or when the Approval holder is in breach of the duties attached to the Type Approval, or when it is established that the approved type no longer meets the requirements of traffic safety.
6. NSAI may at any time check the correct performance of the duties imposed by the grant of this Type Approval, and in order to do so, may make tests, or have tests made.
7. Changes in the company name, address or manufacturing site, as well as in any of the sales or other agents specified in the issuing of the approval must immediately be notified to the NSAI.
8. The duties imposed by the issuing of this certificate are not transferable. The legal protection of third parties is not affected by this certificate.
9. When the manufacture or sale of the vehicle, system, component or separate technical unit has not been started within one year of the date of issue of this certificate, then NSAI is to be informed. This requirement also applies when the manufacture or sale has been halted for more than one year, or when it ought to have been halted for more than one year. The initial commencement of manufacture or sale, or the resumption of manufacture or sale, shall then be notified to NSAI within one month of commencement or resumption.

B : Legal Options

Any objection to the requirements set out in this certificate shall be made within one month of the date of issue. The objection shall be made, in writing, to NSAI in Dublin.

Test Report No. : ISOQA-17-0624-R7-A

Approval No. : 7R-02 0241
Type : J013-00-1
Manufacturer : Jun Yan Industrial Company Limited



ISOQA Technical Service Co., Ltd.
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TEST REPORT

Concerning the Adoption of Harmonized Technical United Nations Regulations for Wheeled Vehicles, Equipment and Parts which can be Fitted and/or be Used on Wheeled Vehicles and the Conditions for Reciprocal Recognition of Approvals Granted on the Basis of these United Nations Regulations

Uniform provisions concerning the approval of front and rear position lamps, stop lamps and end-outline marker lamps for motor vehicles and their trailers

Tested according ECE-R7, supplement 27, to 02 series of amendments of 10 February 2018

Kind of device: Front Position Lamp, Category A

Approval status	
X	Application for granting of a type approval
	Application for an extension of type approval No.
	Reason for the extension:

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Manufacturer : Jun Yan Industrial Company Limited

0. General

- 0.1. Make (trade name of manufacturer) : JUNYAN
- 0.2. Type : J013-00-1
- 0.3. Version / Variant : --
- 0.4. Manufacturer's name and address : Jun Yan Industrial Company Limited
No. 10, Sinhe Rd.,
704 South District, Tainan City,
Taiwan, R.O.C
- 0.5. Test laboratory : ISOQA Technical Service Co., Ltd.
60, Yong Long Road,
41257 Da-Li, Taichung
Taiwan

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1. Test object (s)

1.1. Information :

Material of Lens	Sabic LEXAN LS-2 111 with UVHC 3000 coating	
Material of Inner Lens	PC	
Material of Housing	PP	
Material of Reflector	PA+30%MF	
Rated Voltage	12 V	
Front Position Lamp	Category	A
	Light Source	45 x LED, 12 V, 3.2 W
	Color of light emitted	White
	Color of Inner lens	Clear
	Color of Outer lens	Clear
	Visibility	The devices cannot be mounted on either side of the vehicle indiscriminately, the horizontal arrow is required.
	Grouped with	Front direction indicator, Driving Beam and Passing Beam
	Combined with	--
	Incorporated with	Daytime running 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.

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2. Test Specification

2.1. Place of test : Laboratory of ISOQA in Taiwan

2.2. Date of test : 2019/3/27 ~ 2019/4/11

2.3. Date of receipt of test device(s) : 2019/3/27

2.4. Test results :

2.4.1. Markings (according to paragraph 3 of R7-02)

a.	trade name or mark	Complies	see Appendix 2
b.	categories of light source(s) / light source module specific identification code	Not Applicable	non-replaceable light source
c.	Space reserved for the approval mark	Complies	see Appendix 2
d.	rated voltage or range of voltage	Complies	see Appendix 2
e.	Light source module(s)	Not Applicable	
f.	control gear being part of the lamp but not included into the lamp body	Not Applicable	

2.4.2. General Specifications (according to paragraph 5 of R7-02)

a.	Conformity of specifications	Complies	
b.	Design and construction for satisfactory operation	Complies	
c.	rear position lamp reciprocally incorporated with a stop lamp	Not Applicable	
d.	Light sources module	Not Applicable	
e.	replaceable light source(s)	Not Applicable	
f.	Variable intensity control	Not Applicable	
g.	An interdependent lamp system	Not Applicable	
h.	non-replaceable filament lamp(s) or light source module(s) equipped with non-replaceable filament lamp(s)	Not Applicable	

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2.4.3. Intensity of light emitted (according to paragraph 6 of R7-02)

a.	Light distribution	Complies	see 3.1
b.	Visibility	Complies	see 3.1
c.	failure of more than one light source	Not Applicable	see 2.5.1
d.	ratio between rear position lamp and stop lamp	Not Applicable	

2.4.4. colour of light emitted (according to paragraph 8 of ECE R7-02) Complies see 3.2

2.5. Remark (s)

2.5.1 According to manufacturer's technical description all light sources are connected in series, therefore they are considered to be one light source.

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3. Performance test(s)**3.1. Photometric measurements test record**

Function : Front Position Lamp Category : A
 Test Voltage : 13.5 V Light Source : 45 x LED
 Test Distance : 3.167 m Current : 0.234 A / 0.234 A

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	140	54.930	54.420	-	53.410	52.970	-
10U - 5L	0.8	140	69.586	68.940	-	38.941	38.620	-
10U - 5R	0.8	140	52.709	52.220	-	56.001	55.540	-
5U - 20R	0.4	140	30.786	30.500	-	58.734	58.250	-
5U - 10R	0.8	140	45.906	45.480	-	62.394	61.880	-
5U - V	2.8	140	62.662	62.080	-	51.847	51.420	-
5U - 10L	0.8	140	70.898	70.240	-	36.450	36.150	-
5U - 20L	0.4	140	67.325	66.700	-	25.308	25.100	-
H - 10L	1.4	140	61.582	61.010	-	41.018	40.680	-
H - 5L	3.6	140	60.996	60.430	-	46.191	45.810	-
H - 5R	3.6	140	48.379	47.930	-	59.601	59.110	-
H - 10R	1.4	140	41.667	41.280	-	60.982	60.480	-
5D - 20R	0.4	140	20.692	20.500	-	53.309	52.870	-
5D - 10R	0.8	140	32.371	32.070	-	54.479	54.030	-
5D - V	2.8	140	43.726	43.320	-	47.582	47.190	-
5D - 10L	0.8	140	47.400	46.960	-	36.753	36.450	-
5D - 20L	0.4	140	47.017	46.580	-	24.734	24.530	-
10D - 5L	0.8	140	33.289	32.980	-	33.809	33.530	-
10D - 5R	0.8	140	27.970	27.710	-	41.784	41.440	-
Visibility ⁽²⁾	0.05	140	(2.083) 74.994	(2.064) 74.298	-	(2.097) 63.818	(2.080) 63.292	-
Result			PASS	PASS	-	PASS	PASS	-

(1) Not Applicable; The Front Position Lamp was equipped with 45 LEDs, according to manufacturer's technical description, all light sources are connected in series, therefore they are considered to be one light source

(2) Vertical angles: $\pm 15^\circ$; Horizontal angles: $- 45^\circ \sim + 80^\circ$

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4. Communication

of a type of device pursuant to Regulation No. 7

Approval No. 7R-02 0241 Extension No. 00

4.1. Concise description

4.1.1	By category of lamp	:	A
	For mounting either outside or inside or both	:	outside
	Colour of light emitted	:	White
	Number, category and kind of light source(s)	:	1 non replaceable light source (45 LEDs connected as 1 light source)
	Voltage and wattage	:	12 V 3.2 W
	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	:	NO
	(a) being part of the lamp	:	N/A
	(b) being not part of the lamp	:	N/A
	Input voltage(s) supplied by an electronic light source control gear/variable intensity control	:	N/A

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Manufacturer : Jun Yan Industrial Company Limited

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 : NO

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

Front position lamp : NO

R1 Rear position lamp : N/A

R2 Rear position lamp : N/A

S1 Stop lamp : N/A

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

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5. Appendices

- | | | |
|----|---------------------------------|--------------------|
| 1. | Appendix 1 Information document | 1 page(s) in total |
| 2. | Appendix 2 Drawing | 3 page(s) in total |

6. Statement of conformity

The information folder respectively information document by the manufacturer and the type described therein are in compliance with the Test Specification mentioned above.

ISOQA Technical Service Co., Ltd.

Place : Taichung, Taiwan

Date : 2019/4/15

Signature

A handwritten signature in black ink that reads 'Archer Chang'. The signature is written in a cursive, flowing style.

Laboratory Manager - Chih-Hua Chang