



# NSAI

## ECE TYPE-APPROVAL CERTIFICATE

	Issued by:	Name of Administration: <b>National Standard Authority of Ireland</b> <b>1 Swift Square, Northwood, Santry, Dublin 9, Ireland</b> <b>D09 A0E4</b>	
	Concerning <sup>2</sup> :	<del>Approval granted</del> <del>Approval extended</del> <del>Approval refused</del> <del>Approval withdrawn</del> <del>Production definitely discontinued</del>	
Of a type of lamp pursuant to UN Regulation No. 148			
Lamp: <sup>2</sup>	<del>Rear registration plate illuminating lamp</del> <del>Direction indicator lamp</del> <del>Stop lamp</del> <del>Position lamp</del> <del>End-outline marker lamp</del> <del>Reversing lamp</del> <del>Manoeuvring lamp</del> <del>Rear fog lamp</del> <del>Parking lamp</del> <del>Daytime running lamp</del> <del>Side marker lamp</del>		
Category of the lamp:	<i>11, 12</i>	Change index:	<i>0</i>
Approval No:	<i>E24*148R00/04*0700*00</i>	Unique Identifier (UI) (If applicable)	

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 Distinguishing number of the country which has granted/extended/refused/withdrawn approval (see approval provisions in this Regulation).

<sup>2</sup> Strike out what does not apply.



Approval No: E24\*148R00/04\*0700\*00

1. Trade name or mark of the lamp: ***Kinstecks***
2. Manufacturer's name for the type of lamp: ***KYS1355***
3. Manufacturer's name and address: ***Shenzhen Jinyi Trading Co., Ltd.  
902, Building 16, Longsheng Old Village,  
Longhua Street, Longhua New District,  
Shenzhen City, Guangdong Province, China***
4. If applicable, name and address of manufacturer's representative: ***N/A***
5. Submitted for approval on: ***30.08.2023***
6. Technical service responsible for conducting approval tests: ***TÜV SÜD Auto Service GmbH,  
Westendstraße 199, D-80686 München***
7. Date of test report issued by that service: ***25.08.2023***
8. Number of report issued by that service: ***23-02413-CX-SHA-00***
9. Concise description:
  - 9.1. In case of
    - 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): ***N/A***
    - 9.1.2. A direction indicator:

Sequential activation of light sources: yes/~~no~~<sup>2</sup> ***Yes***
    - 9.1.3. A reversing lamp:

The lamp shall be installed on a vehicle only as part of a pair of lamps: yes/no ***N/A***
    - 9.1.4. A manoeuvring lamp:

The maximum mounting height: ***N/A***



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Approval No: E24\*148R00/04\*0700\*00

## 9.1.5. A daytime running lamp

Maximum luminous intensity does not exceed 700 cd: *N/A*

## 9.2. By light signalling function and category:

*Direction indicator lamp : 11, 12*

For mounting either outside or ~~inside or both~~<sup>2</sup> *Outside*

Colour of light emitted: *red/white/amber/colourless<sup>2</sup>*

Number, category and kind of light source(s): *12\*LEDs Non-replaceable*

Lamp approved for LED substitute light source(s): *yes/no*

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

Voltage and Wattage: *12V/0.89W*

Light source module: ~~yes~~/no<sup>2</sup> *No*

Light source module specific identification code: *N/A*

Only for limited mounting height of equal to or less than 750 mm above the ground, if applicable: ~~yes~~/no<sup>2</sup> *No*

Geometrical conditions of installation and relating variations (if any): *See manufacturer's information document*

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

(a) being part of the lamp: ~~yes~~/no<sup>2</sup> *Yes*

(b) being not part of the lamp: ~~yes~~/no<sup>2</sup> *No*

Input voltage(s) supplied by an electronic light source control gear/variable intensity control: *13.5V*

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 if applicable: ~~yes~~/no *No*

Function(s) produced by an interdependent lamp forming part of an interdependent lamp system, if applicable: *N/A*



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9.3 The ~~front position lamp<sup>2</sup>, rear position lamp<sup>2</sup>, stop lamp<sup>2</sup>, end-outline marker lamp<sup>2</sup>, daytime running lamp<sup>2</sup>~~ is only for use on a vehicle fitted with a tell-tale indicating failure: yes/no<sup>2</sup>

*N/A*

10. Position of the approval mark:

*On the housing*

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

*N/A*

12. Approval granted/~~extended~~/~~refused~~/~~withdrawn~~<sup>2</sup>

*Granted*

13. Approval granted for devices to be used on vehicles already in use only, yes/no<sup>2</sup>

*No*

14. Place:

*Dublin*

15. Date:

*18<sup>th</sup> September, 2023*

16. Signature:



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.



Approval No: **E24\*148R00/04\*0700\*00**

## **Index to the Information Package**

Date of issue: ***18<sup>th</sup> September, 2023***

Date of latest amendment: ***N/A***

Reason for extension/revision: ***N/A***

1. Additional conditions, and advisory  
notes on legal alternatives

2. Test report(s)

- numbers(s): ***23-02413-CX-SHA-00***

- date of issue: ***25.08.2023***

- date of latest amendment: ***N/A***

3. Information document

- number(s): ***KYS1355-00***

- date of issue: ***08.08.2023***

- date of latest amendment: ***N/A***

Documentation: ***13 pages***



Approval No: E24\*148R00/04\*0700\*00

## Appendix: Additional conditions, and advisory notes on legal alternatives

### A: Additional conditions:

1. The lamp, Type *KYS1355* shall be marked as prescribed by the regulation.
2. Fitting instructions shall be supplied with each lamp, giving details of any limitations in the use of the lamp.
3. The lamp should be fitted in accordance with the fitting instructions.
4. The attached technical report, with any of its attachments, forms part of this Type Approval certificate.
5. 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.
6. 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.
7. 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.
8. 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.
9. 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.
10. The duties imposed by the issuing of this certificate are not transferable. The legal protection of third parties is not affected by this certificate.
11. 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.: 23-02413-CX-SHA-00  
Manufacturer: Shenzhen Jinyi Trading Co., Ltd.  
Type: KYS1355



# Test Report

## No.: 23-02413-CX-SHA-00

Test of a type of component  
with regard to

**UN/ECE Regulation No. 148**

including all amendments up to  
supplement 04 to the 00 series of amendments

Approval subject:  
**Direction indicator lamp**

Approval status	
<input checked="" type="checkbox"/>	Granting of a type approval
<input type="checkbox"/>	Extension/correction to type approval no. : ---



## I. General

Make (trade name of manufacturer)	: Kinstecks			
Type	: KYS1355			
Variants	: N/A			
Means of identification of type	: By letters and digits, KYS1355			
By category of lamp		Color	Light source(s)	Voltage & wattage
Direction indicator lamp	: 11, 12	Amber	12*LEDs Non-replaceable	12V/0.89W
For mounting either outside or inside or both	: Outside			
Light source module specific identification code	: N/A			
Only for limited mounting height of equal to or less than 750 mm above the ground	: No			
A direction indicator				
Sequential activation of light sources	: Yes			
A reversing lamp				
The lamp shall be installed on a vehicle only as part of a pair of lamps	: N/A			
Geometrical conditions of installation and relating variations, if any	: See manufacturer's information document			
Application of an electronic light source control gear/variable intensity control				
Being part of the lamp	: Yes			
Being not part of the lamp	: No			
Input voltage(s) supplied by an electronic light source control gear/variable intensity control	: 13.5V			



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
Function(s) produced by an interdependent lamp forming part of an interdependent lamp system, if applicable	: N/A
The front position lamp (1), rear position lamp (1), stop lamp (1), end- outline marker lamp (1), daytime running lamp (1) is only for use on a vehicle fitted with a tell-tale indicating failure	: N/A
Approval granted for devices to be used on vehicles already in use only	: No
Name and address of manufacturer	: Shenzhen Jinyi Trading Co., Ltd. 902, Building 16, Longsheng Old Village, Longhua Street, Longhua New District, Shenzhen City, Guangdong Province, China
Address of assembly plant	: Dongguan Liaobu Lishi Electronic Factory Floor 2, No.2, Lingxing Street, Lingxia, Liaobu Town, Dongguan City, Guangdong Prov.
Location of the approval mark	: On the housing
If applicable, name and address of the manufacturer's representative	: N/A

## II. Test results

Refer to the Annex II

## III. Enclosures

Information Document No. KYS1355-00 dated 2023-08-08 (YYYY-MM-DD)



**IV. Statement of conformity**

The mentioned information document and the type described therein are in accordance with the test basis mentioned above. Sampling plan or method result from the requirements of the test basis. The worst-case configuration was selected in accordance with process description "Requirements for Test Reports (AS-PB-T-02)". Valid decision rule in accordance with ILAC G8:2019, 4.2.1: in question of meeting the limits the measurement uncertainty was ignored.

The manufacturer is responsible for the information (III.) and the test specimens provided by him. The test results relate only to the test specimens as received and mentioned (II.). The test specimens are representative for the type described (III.).

The test report may be reproduced and published in full and by the client only. It can be reproduced partially with the written permission of the test laboratory only.

TÜV SÜD Auto Service GmbH is designated as Technical Service by:

Approval authority	Country	Registration number
Kraftfahrt-Bundesamt (KBA)	Germany	KBA-P 00100-10
Vehicle Certification Agency (VCA)	United Kingdom	VCA-TS-006
Approval Authority of the Netherlands (RDW)	The Netherlands	RDWT-082-xx
National Standards Authority of Ireland (NSAI)	Ireland	Technical Service Number: 49
Société Nationale de Certification et d'Homologation s.a. (SNCH)	Luxembourg	13/B(g)
Swedish Transport Agency (STA)	Sweden	TT 0024



München, 2023-08-25 (YYYY-MM-DD)

Henry Chen

Test report No.: 23-02413-CX-SHA-00  
Manufacturer: Shenzhen Jinyi Trading Co., Ltd.  
Type: KYS1355

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## Annex I Reason of Extension

Correction of : ---

Modification of : ---

Addition of : ---

Deletion of : ---



## Annex II Test results

1. Test conditions
  - 1.1. Technical data of the test samples : Two samples were tested.  
Marking: Sample No. 1 and Sample No. 2.  
For information about the form of the lamp, the position of the reference point and the reference axis, see information document.
  - 1.2. Test procedures used : According to UN Regulation No.: 148.00
  - 1.3. Measuring and test equipment : Full automatic photometric test system for automobile lamps  
EVERFINE PHOTO-E-INFO CO., LTD.  
Type GO-HD5
2. Test results
  - 2.1. General Specifications : The devices have been designed and constructed that in normal conditions of use, and notwithstanding the vibrations to which they may be subjected in such use, their satisfactory operation remains assured and they retain the characteristics prescribed by this Regulation.



## 2.2. Intensity of light emitted

### 2.2.1. Direction indicator lamp Cat. 11, 12

#### 2.2.1.1. Sample No. 1, normal mode, 12 LEDs lit together, test voltage 13.5V.

No.	Point of the measurement		Limits [cd]		Measured values [cd]		Conclusion
			Min.	Max.	30 minutes	1 minute	
1	5L	10U	18.00	500.00	34.66	35.58	Complies
2	5R	10U	18.00	500.00	29.41	30.19	Complies
3	20R	5U	9.00	500.00	20.85	21.40	Complies
4	10R	5U	18.00	500.00	65.58	67.33	Complies
5	H	5U	63.00	500.00	90.28	92.68	Complies
6	10L	5U	18.00	500.00	71.88	73.79	Complies
7	20L	5U	9.00	500.00	24.72	25.38	Complies
8	10L	V	31.50	500.00	71.37	73.27	Complies
9	5L	V	81.00	500.00	93.72	96.21	Complies
10	H	V	90.00	500.00	98.81	101.44	Complies
11	5R	V	81.00	500.00	88.59	90.95	Complies
12	10R	V	31.50	500.00	66.13	67.89	Complies
13	20R	5D	9.00	500.00	18.78	19.28	Complies
14	10R	5D	18.00	500.00	58.38	59.93	Complies
15	H	5D	63.00	500.00	84.05	86.29	Complies
16	10L	5D	18.00	500.00	63.73	65.43	Complies
17	20L	5D	9.00	500.00	21.30	21.87	Complies
18	5L	10D	18.00	500.00	27.08	27.80	Complies
19	5R	10D	18.00	500.00	24.92	25.58	Complies
20	Visibility defined by Annex 2		0.30	-	1.27	1.30	Complies
21			-	500.00	100.81	103.49	Complies



2.2.1.2. Sample No. 2, normal mode, 12 LEDs lit together, test voltage 13.5V.

No.	Point of the measurement		Limits [cd]		Measured values [cd]		Conclusion
			Min.	Max.	30 minutes	1 minute	
1	5L	10U	18.00	500.00	31.48	32.19	Complies
2	5R	10U	18.00	500.00	36.23	37.05	Complies
3	20R	5U	9.00	500.00	26.54	27.14	Complies
4	10R	5U	18.00	500.00	76.42	78.15	Complies
5	H	5U	63.00	500.00	92.13	94.21	Complies
6	10L	5U	18.00	500.00	68.73	70.28	Complies
7	20L	5U	9.00	500.00	23.58	24.11	Complies
8	10L	V	31.50	500.00	68.19	69.73	Complies
9	5L	V	81.00	500.00	92.57	94.66	Complies
10	H	V	90.00	500.00	101.68	103.98	Complies
11	5R	V	81.00	500.00	95.44	97.60	Complies
12	10R	V	31.50	500.00	73.97	75.64	Complies
13	20R	5D	9.00	500.00	23.62	24.15	Complies
14	10R	5D	18.00	500.00	65.27	66.75	Complies
15	H	5D	63.00	500.00	88.95	90.96	Complies
16	10L	5D	18.00	500.00	60.64	62.01	Complies
17	20L	5D	9.00	500.00	20.22	20.68	Complies
18	5L	10D	18.00	500.00	26.97	27.58	Complies
19	5R	10D	18.00	500.00	30.82	31.52	Complies
20	Visibility defined by Annex 2		0.30	-	1.41	1.44	Complies
21			-	500.00	104.81	107.18	Complies



2.2.1.3. Sequential activation of light source(s)

Each light source, after its activation, shall remain lit until the end of the ON cycle.	Complies
The sequence of activation of the light sources shall proceed in a uniform progressive manner from inboard towards the outboard edge of the apparent surface.	Complies
It shall be one signal with no interruption and no vertical oscillations (e.g. not more than one change of direction along the vertical axis). The distance between two adjacent/tangential distinct parts of the light emitting surface of the sequential direction indicator shall not exceed 50mm, when measured perpendicularly to the reference axis, instead of the values defined in paragraph 5.7.2. of UN Regulation 48. These interruptions of the signal shall not create any overlap in the vertical axis between the different parts, from inboard towards the outboard of the vehicle, and shall not be used for any other lighting or light signalling functions;	Complies
The variation shall finish no more than 200 ms after the beginning of the ON cycle. $T_{ON} = 100 \text{ ms} \leq 200 \text{ ms}$	Complies
For the orthogonal projection in the direction of the axis of reference of a rectangle, circumscribing the apparent surface of the direction indicator shall have its longer sides parallel to the H-plane, the ratio of the horizontal to the vertical sides shall not be less than 1.7.	Complies

2.3. Colour – Amber

Sample	Measured values		Limits		
	x	y	$y \leq x - 0.120$	$y \geq 0.390$	$y \geq 0.790 - 0.670 x$
No. 1	0.5766	0.4202	Yes	Yes	Yes
No. 2	0.5779	0.4181	Yes	Yes	Yes

2.4. Apparent surface

Limit (O)	Limit (I)	Limit (U)	Limit (D)
5.4 mm	5.4 mm	22.6 mm	22.6 mm

3. Specimen submitted to test on : 2023-08-08 (YYYY-MM-DD)
4. Place and date of the test : Jiangsu Huachen Vehicle Inspection Co., Ltd.  
 Xihuan Road, Xinqiao, Danbei Town, Danyang City, Jiangsu Province, China  
 2023-08-21 (YYYY-MM-DD)

Information document No.: KYS1355-00

First application date : August 8, 2023

### 1. Specification data

Type		KYS1355
Part number		KYS1018, KYS1035, KYS1038, KYS1062, KYS1063, KYS1091, KYS1180, KYS1119, KYS1250, KYS1255, KYS1266, KYS1338, KYS1339, KYS1322, KYS1323, KYS1333, KYS1356, KYS1357, KYS1358, KYS1359
Function		Direction indicator lamp
Color		Amber
Rated	Voltage	12V
	Wattage	0.89W
Application Regulation ECE		R148.00 Cat. 11, 12
Category of light source		12*LEDs Non-replaceable light source
Location of marking	Voltage/Wattage	Marked on housing
	Trade mark	Kinstecks
		Marked on housing
Approval mark	Marked on housing	
Remark		Approval granted for devices to be used on vehicles already in use only: No
		Application of an electronic light source control gear: Being part of the lamp
		Sequential activation of light sources: Yes

### 2. Construction and material

Construction	Material	Remarks
Lens	PC	Colour: Clear
Housing	ABS	Colour: Black
Electrical Wiring	Copper covered with insulation	--

3. Name and address of manufacturer : Shenzhen Jinyi Trading Co., Ltd  
902, Building 16, Longsheng Old Village,  
Longhua Street, Longhua New District,  
Shenzhen City, Guangdong Province, China

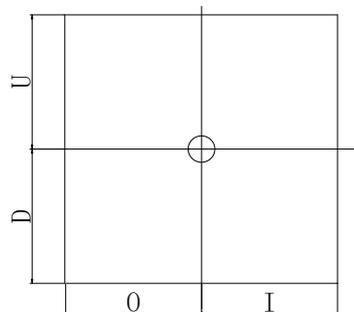
4. Name and address of the assembly plant : Dongguan Liaobu Lishi Electronic Factory  
Floor 2, No.2, Lingxing Street, Lingxia, Liaobu Town,  
Dongguan City, Guangdong Prov.

5. Name and address of the manufacturer's representative : N/A

6: Apparent surface

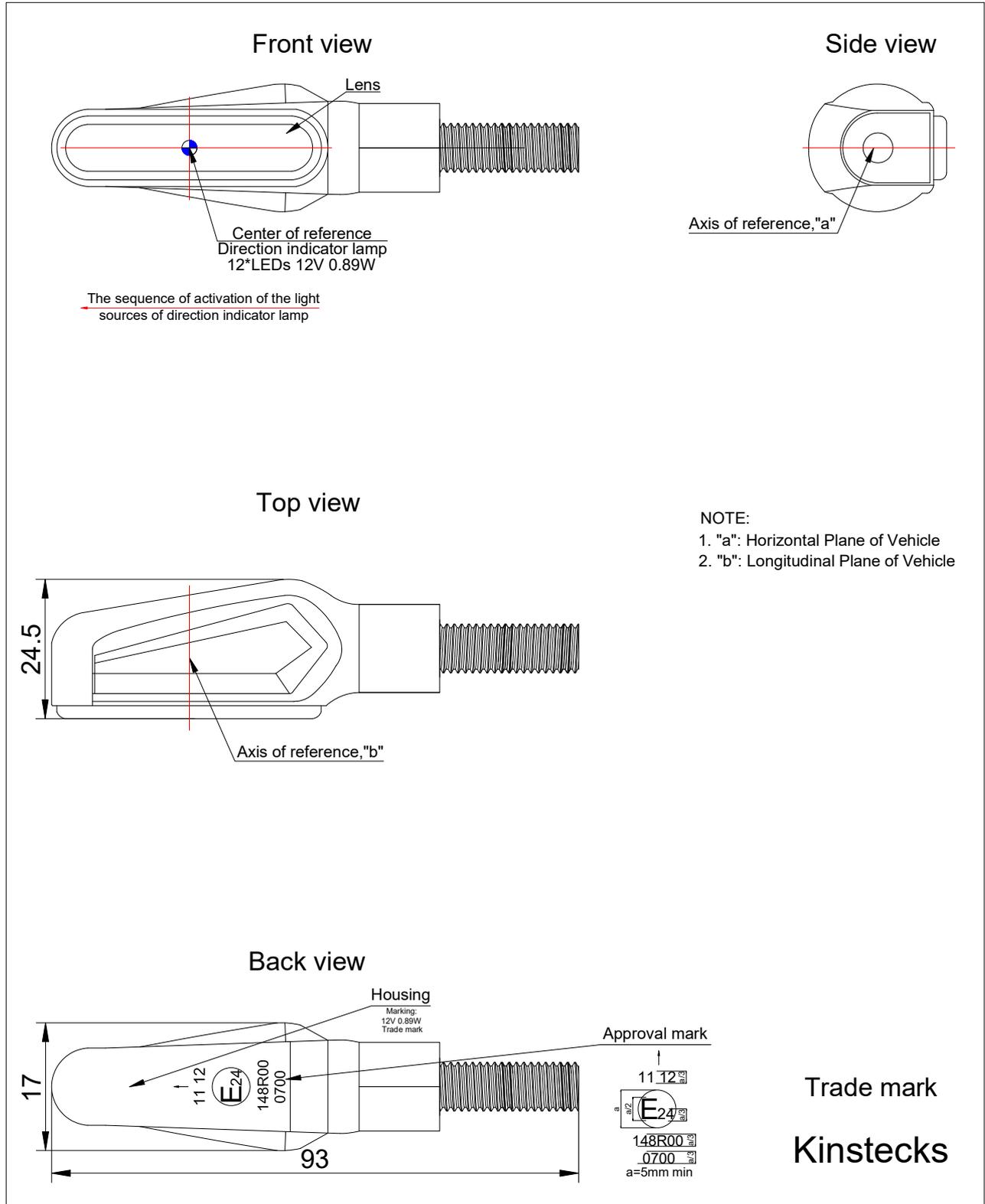
U= Upper limit  
 D= Down limit  
 I= Inside limit  
 O= Outside limit

⊕ :Reference center



Unit: mm

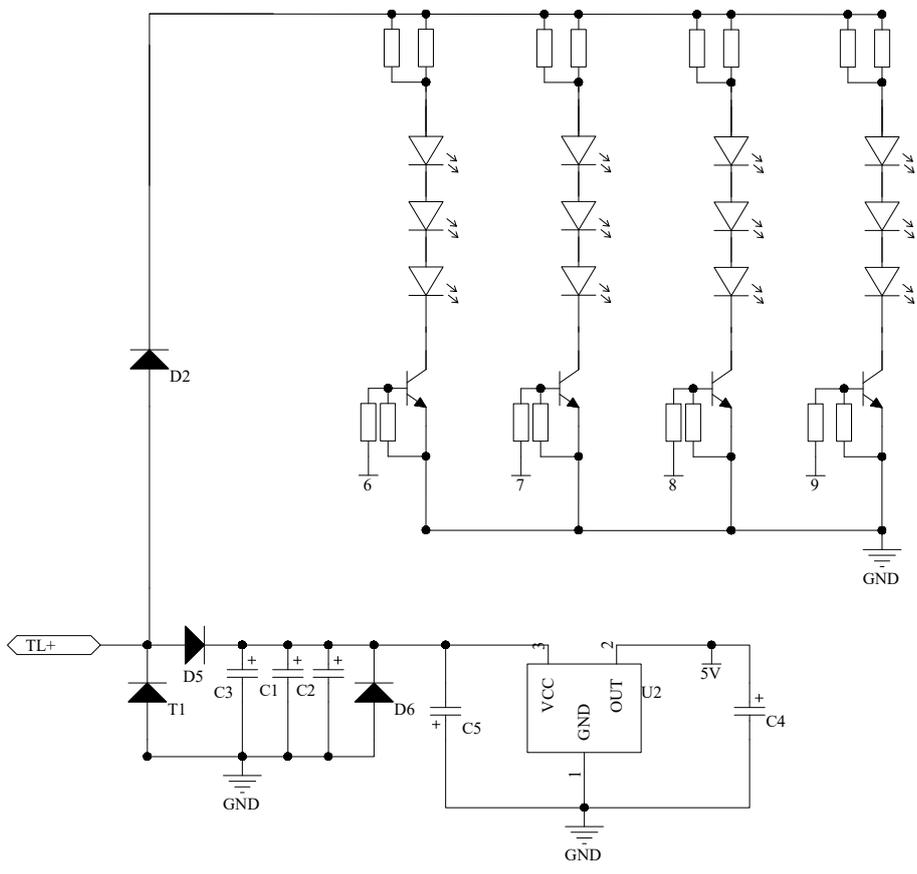
Function	Limit (O)	Limit (I)	Limit (U)	Limit (D)
Direction indicator lamp	5.4	5.4	22.6	22.6
--	--	--	--	--



NOTE:  
1. "a": Horizontal Plane of Vehicle  
2. "b": Longitudinal Plane of Vehicle

General assembly drawing

Direction indicator lamp  
12\*LEDs 12V 0.89W(one fail all fail)  
Start from LED 1 to LED 12, total 100ms



Led circuit diagram