

ECE TYPE-APPROVAL CERTIFICATE

	Issued by:	Name of Administration: National Standard Authority of Ireland 1 Swift Square, Northwood, Santry, Dublin 9, Ireland D09 A0E4	
Concerning ² :		Approval granted ~~Approval extended~~ ~~Approval refused~~ ~~Approval withdrawn~~ ~~Production definitely discontinued~~	
Of a type of lamp pursuant to UN Regulation No. 148			
Lamp: ²		~~Rear-registration plate illuminating lamp~~ ~~Direction indicator lamp~~ ~~Stop lamp~~ ~~Position lamp~~ ~~End-outline marker lamp~~ ~~Reversing lamp~~ ~~Manoeuvring lamp~~ ~~Rear fog lamp~~ ~~Parking lamp~~ ~~Daytime running lamp~~ ~~Side marker lamp~~	
Category of the lamp:	RL	Change index:	0
Approval No:	E24*148R00/05*1642*00	Unique Identifier (UI) (If applicable)	

¹ Distinguishing number of the country which has granted/extended/refused/withdrawn approval (see approval provisions in this Regulation).

² Strike out what does not apply.



Approval No: **E24*148R00/05*1642*00**

1. Trade name or mark of the lamp: ***DXZ DUOXINGZHE***
2. Manufacturer's name for the type of lamp: ***10C02***
3. Manufacturer's name and address: ***Guangdong DXZ Lighting Technology Co., Ltd.
No. 15, Hecun Section, Yuechi West Road,
Hecun Community, Lishui Town,
Nanhai District, Foshan City, China***
4. If applicable, name and address of manufacturer's representative: ***N/A***
5. Submitted for approval on: ***10.03.2025***
6. Technical service responsible for conducting approval tests: ***CETOC TECHNICAL SERVICE S.R.L.
Via della Bufalotta, 374,
00139 – Roma (RM) Italy***
7. Date of test report issued by that service: ***10.02.2025***
8. Number of report issued by that service: ***CN-112-17-268-COM24-16611-IR***
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/no² ***N/A***
 - 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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9.1.5. A daytime running lamp

Maximum luminous intensity does not exceed 700 cd: *Yes*

9.2. By light signalling function and category: *Daytime running lamp, Category RL*

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

Colour of light emitted: *~~red/white/amber/colourless~~²*

Number, category and kind of light source(s): *19 x LED, Non-replaceable*

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

If yes, category of LED substitute light source(s) *N/A*

Voltage and Wattage: *12V/24V, 5W*

Light source module: ~~yes/no~~² *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~~² *No*

Geometrical conditions of installation and relating variations (if any): *N/A*

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

(a) being part of the lamp: ~~yes/no~~² *No*

(b) being not part of the lamp: ~~yes/no~~² *Yes*

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

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*



NSAI

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9.3 The ~~front position lamp~~², ~~rear position lamp~~², ~~stop lamp~~², ~~end-outline marker lamp~~², daytime running lamp² is only for use on a vehicle fitted with a tell-tale indicating failure: ~~yes~~/no²

No

10. Position of the approval mark:

Marked on Lens

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

N/A

12. Approval granted/~~extended~~/~~refused~~/~~withdrawn~~²

Granted

13. Approval granted for devices to be used on vehicles already in use only, ~~yes~~/no²

No

14. Place:

Dublin

15. Date:

8th July, 2025

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.



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Index to the Information Package

Date of issue: **8th July, 2025**

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): **CN-112-17-268-COM24-16611-IR**

- date of issue: **10.02.2025**

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

3. Information document

- number(s): **10C02-00**

- date of issue: **02.09.2024**

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

Documentation: **16 pages**



Approval No: E24*148R00/05*1642*00

Appendix: Additional conditions, and advisory notes on legal alternatives

A: Additional conditions:

1. The lamp, Type 10C02 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

Light-Signalling Devices (Lamps) For Power-Driven Vehicles And Their Trailers

0. Legislation:

0.1. Requirements according to : UNECE Regulation148.00 to Supplement 5

1. General

1.1. Reason for Inspection Report : New approval / ~~Extension of approval~~ / ~~Test report only~~ / COP
1.2. Manufacturer's Representative(s) : N/A
1.3. CETOC TS Representative(s) : Xiaoli Li
1.4. Location of Test : GuangZhou ShunTai Quality Technical Service Co., Ltd.
Room 206A, 2F, 4# Plant, No.63 Punan Road, Huangpu District,
Guangzhou, China, 510760
1.5. Data of test : 04/07/2024

2. Manufacturer Details

2.1. Make : DXZ DUOXINGZHE
2.2. Type : 10C02
2.3. Variant/Version : N/A
2.4. Commercial Name : 7Inch Driving light
2.5. Category : RL
2.6. Name and Address of manufacturer : Guangdong DXZ Lighting Technology Co., Ltd.
No. 15, Hecun Section, Yuechi West Road, Hecun Community,
Lishui Town, Nanhai District, Foshan City, China

3. Conclusion:

3.1. Final conclusion of the inspection: The above mentioned type was tested in accordance with the above
mentioned legislation and was found to comply in all respects. This
Inspection report relates only to the items tested.

Xiaoli Li

Marco Pagliari

Signature: :

Name: : Xiaoli Li

Marco Pagliari

Position: : Type Approval Engineer

Tech. Mgr.

Place and date: : Guangzhou China, 10/02/2025

Roma, 10/02/2025

4. List of annexes:

Annex Nr.	Page Nr.	Subject
Appendix 1	2	: Test report history
Appendix 2	2	: General specification
Appendix 3	7	: Inspection results 3.1 – Test results for Daytime running lamp (RL)
Appendix 4	13	: Testing photos

APPENDIX 1 - TEST REPORT HISTORY

List this report and previous reports, with extension details.

Inspection Report Number	Reason for Extension	Date of Issue
CN-112-17-268-COM24-16611-IR	N/A	10/02/2025

APPENDIX 2 – GENERAL SPECIFICATION

1. **Worst Case Rationale** : Single specification

2. **Significant Interpretations, Alternative Test Methods, New Technologies** : N/A

3. **Summary of test results** :

3.1. Applicability

	PASS	FAIL	N/A	COVERED PREVIOUS EXTENSION	If covered previous extension see approval/Report Nr.
Rear-registration plate illuminating lamp	☐	☐	☒	☐	
Front direction indicator lamp	☐	☐	☒	☐	
Rear direction indicator lamp	☐	☐	☒	☐	
Stop lamp	☐	☐	☒	☐	
Front position lamp	☐	☐	☒	☐	
Rear position lamp	☐	☐	☒	☐	
Front end-outline marker lamp	☐	☐	☒	☐	
Rear end-outline marker lamp	☐	☐	☒	☐	
Reversing lamp	☐	☐	☒	☐	
Manoeuvring lamp	☐	☐	☒	☐	
Rear fog lamp	☐	☐	☒	☐	
Parking lamp	☐	☐	☒	☐	
Daytime running lamp	☒	☐	☐	☐	
Side marker lamp	☐	☐	☒	☐	
Rear-registration plate illuminating lamp for category L vehicles	☐	☐	☒	☐	
Front direction indicator lamp for category L vehicles	☐	☐	☒	☐	
Rear direction indicator lamp for category L vehicles	☐	☐	☒	☐	
Stop lamp for category L vehicles	☐	☐	☒	☐	
Front position lamp for category L vehicles	☐	☐	☒	☐	
Rear position lamp for category L vehicles	☐	☐	☒	☐	

4. Component Specification

Lamp	Category *	Kind of lamp *	Light sources number and category	Replaceability *	Light source module specific identification code (if applicable)
Rear registration plate illuminating lamp	L 1a 1b 1c 2a 2b 1 device 2 devices	Single	N/A	Replaceable— Non-replaceable	N/A
Direction indicator lamp	1 1a 1b 2a 2b 5 6 Sequential Non-sequential	Single D lamp Y lamp	N/A	Replaceable— Non-replaceable	N/A
Stop lamp	S1 S2 S3 S4	Single D lamp Y lamp	N/A	Replaceable— Non-replaceable	N/A
Front position lamp	A	Single D lamp Y lamp	N/A	Replaceable— Non-replaceable	N/A
Rear position lamp	R1 R2	Single D lamp Y lamp	N/A	Replaceable— Non-replaceable	N/A
Front end-outline marker lamp	AM	Single D lamp Y lamp	N/A	Replaceable— Non-replaceable	N/A
Rear end-outline marker lamp	RM1 RM2	Single D lamp Y lamp	N/A	Replaceable— Non-replaceable	N/A
Reversing lamp	AR One lamp Pair of lamps	Single	N/A	Replaceable— Non-replaceable	N/A
Manoeuvring lamp	ML	Single	N/A	Replaceable— Non-replaceable	N/A
Rear fog lamp	F1 F2	Single	N/A	Replaceable— Non-replaceable	N/A
Parking lamp	77R Front Side Rear	Single	N/A	Replaceable— Non-replaceable	N/A
Daytime running lamp	RL	Single Y lamp	19 x LED	Replaceable— Non-replaceable	N/A
Side marker lamp	SM1 SM2	Single	N/A	Replaceable— Non-replaceable	N/A

- Only category L vehicles:

<i>Lamp</i>	<i>Category *</i>	<i>Kind of lamp *</i>	<i>Light sources number and category</i>	<i>Replaceability *</i>	<i>Light source module specific identification code (if applicable)</i>
<i>Rear registration plate illuminating lamp</i>	LM1 1—2 1 device—2 devices	Single	N/A	Replaceable— Non-replaceable	N/A
<i>Direction indicator lamp</i>	11—11a—11b—11c—12 Sequential—Non-sequential	Single—D lamp— Y lamp	N/A	Replaceable— Non-replaceable	N/A
<i>Stop lamp</i>	MS	Single—D lamp— Y lamp	N/A	Replaceable— Non-replaceable	N/A
<i>Front position lamp</i>	MA	Single—D lamp— Y lamp	N/A	Replaceable— Non-replaceable	N/A
<i>Rear position lamp</i>	MR	Single—D lamp— Y lamp	N/A	Replaceable— Non-replaceable	N/A
<i>Daytime running lamp</i>	RL	Single—Y lamp	N/A	Replaceable— Non-replaceable	N/A

- 4.1 In case of a rear-registration plate illuminating lamp: : ~~Applicable~~ / Not Applicable
- 4.2 In case of a direction indicator : ~~Applicable~~ / Not Applicable
Sequential activation of light sources : ---
- 4.3 In case of a reversing lamp: : ~~Applicable~~ / Not Applicable
The lamp is installed on a vehicle only as part of a pair of lamps : ---
- 4.4 In case of a manoeuvring lamp : ~~Applicable~~ / Not Applicable
The maximum mounting height : ---
- 4.5 In case of a daytime running lamp : ~~Applicable~~ / ~~Not Applicable~~
Maximum luminous intensity does not exceed 700 cd: : Yes
- 4.6 Signalling function and category :

Function(s)	Category	Color	Light source(s)	Voltage, wattage
Daytime running lamp	RL	White	19 x LED, Non-replaceable	12V/24V, 5W
- For mounting ~~either outside or inside or both~~
- Light source module: ~~Yes~~ / No
- Only for limited mounting height of equal to or less than 750 mm above the ground, if applicable: ~~Yes~~ / No
- Geometrical conditions of installation and relating variations, if any: ---
- Application of an electronic light source control gear/~~variable intensity control~~:
Being part of the lamp: ~~Yes~~ / No
- Input voltage(s) supplied by an electronic light source control gear/~~variable intensity control~~: ---
- Variable luminous intensity, if applicable: ~~Yes~~ / No
- Function(s) produced by an interdependent lamp forming part of an interdependent lamp system, if applicable: ---
- ~~The front position lamp/ rear position lamp/ stop lamp/ end-outline marker lamp/ daytime running lamp/ is only for use on a vehicle fitted with a tell-tale indicating failure:~~ ~~Yes~~ / No
- 4.7 Vehicle Information Category : Non-Specific
Strike out what does not apply

5. Facility and Equipment Checks

- 5.1. Calibration certificates checked and
valid, recorded in the following table : Conform
- 5.2 All instruments are equipped with
identification label : Yes
- 5.3 Calibration certificates are complete
of calibration-chain with detailed
information regarding primary used. : Yes

Description	Serial number or Certificate Nr.	Calibration due date*
Automotive and Signal Goniophotometer	G20240711010001	10/07/2025
Photometer head	G20240711002002	10/07/2025
High Accuracy Array Spectroradiometer	G20240711006001	10/07/2025
DC Power Supply	D20240711303004	10/07/2025

*Specify calibrated date + (interval) or calibration due date.

APPENDIX 3 – INSPECTION RESULTS

3.1	TEST RESULT FOR DAYTIME RUNNING LAMP (RL)	PASS	FAIL	N/A
	MARKING			
	Marking	☒	☐	☐
	GENERAL SPECIFICATIONS			
	The requirements contained in sections 5. "General specifications" and 6. "Individual specifications" and in the Annexes referenced in the said sections of Regulations Nos. 48, 53, 74 or 86, and their series of amendments in force at the time of application for the lamp type approval shall apply to this Regulation. The requirements pertinent to each lamp and to the category/ies of vehicle on which the lamp is intended to be installed shall be applied, where its verification at the moment of lamp type approval is feasible.	☒	☐	☐
	Vibration endurance	☒	☐	☐
	Heat resistance test	☒	☐	☐
	LIGHT SOURCE MODULES			
	The design of the light source module(s) shall be such as:			
	a) That each light source module can only be fitted in no other position than the designated and correct one and can only be removed with the use of tool(s);	☒	☐	☐
	b) If there are more than one light source module used in the housing for a device, light source modules having different characteristics cannot be interchanged within the same lamp housing.	☒	☐	☐
	The light source module(s) shall be tamperproof.	☒	☐	☐
	A light source module shall be so designed that regardless of the use of tool(s), it shall not be mechanically interchangeable with any replaceable approved light source.	☒	☐	☐
	REPLACEABLE LIGHT SOURCE(S)			
	Light source approved according to Regulation UN No. 37 and/or Regulation UN No. 128.	☐	☐	☒
	The design of the device shall be such that the light source cannot be fixed in any other position but the correct one.	☐	☐	☒
	The light source holder shall conform to the characteristics given in IEC Publication 60061.	☐	☐	☒
	NON-REPLACEABLE FILAMENT LAMP OR LIGHT SOURCE MODULE EQUIPPED WITH NON-REPLACEABLE FILAMENT LAMP(S)			
	In the case of non-replaceable filament lamp(s) or light source module(s) equipped with non-replaceable filament lamp(s), the applicant shall annex to the type approval documentation a report (by the light source manufacturer indicated in the type approval documentation), acceptable to the Authority responsible for type approval, that demonstrates compliance of these non-replaceable filament lamp(s) with the requirements as specified in paragraph 4.11. of IEC 60809, Edition 3.	☐	☐	☒

INTERDEPENDENT LAMP

An interdependent lamp system shall meet the requirements when all its
interdependent lamps are opened together.

☐ ☐ ☒

SEQUENTIAL ACTIVATION OF LIGHT SOURCE(S)

Each light source, after its activation, shall remain lit until the end of the ON cycle.

☐ ☐ ☒

The sequence of activation of the light sources shall produce a signal which
proceeds in a uniform progressive manner from inboard towards the outboard edge
of the light emitting surface.

☐ ☐ ☒

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 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.

☐ ☐ ☒

The variation shall finish no more than 200 ms after the beginning of the ON cycle.
TON = --- ms

☐ ☐ ☒

The orthogonal projection of the light emitting surfaces of the direction indicator in
the direction of the axis of reference shall be circumscribed by a rectangle on a
plane normal to the axis of reference and having its longer sides parallel to the H-
plane. The ratio of the horizontal to the vertical sides shall not be less than 1.7.

☐ ☐ ☒

COLORIMETRIC SPECIFICATIONS

White ZONE

Limit towards the blue: $x \geq 0.310$

Limit towards the yellow: $x \leq 0.500$

Limit towards the green: $y \leq 0.150 + 0.640x$

Limit towards the green: $y \leq 0.440$

Limit towards the purple: $y \geq 0.050 + 0.750x$

Limit towards the red: $y \geq 0.382$

Chromatic co-ordinates
(reference axis)

x

SAMPLE A

SAMPLE B

y

z

0.3154

0.3153

0.3455

0.3451

0.3391

0.3396

☒ ☐ ☐

*The samples tested fulfil with the colorimetric specifications within the field of the
light distribution grid defined in the present Regulation. Outside this field no sharp
variation of colour is observed.*

PHOTOMETRIC SPECIFICATIONS

Luminous intensity in the angular field specified: $1200 \geq I(\text{cd}) \geq 1$

☒ ☐ ☐

• H = 20° outboard / 20° inboard; V = 10° upwards / 5° downwards

	Imax (cd)	Imin (cd)	☒	☐	☐
SAMPLE A	468.6	177.4	☒	☐	☐
SAMPLE B	455.6	171.1	☒	☐	☐

SPATIAL LUMINOUS DISTRIBUTION TABLE (DAYTIME RUNNING LAMP (RL), 1 MIN)

SAMPLE A (12V)

H→ V↓	20°	10°	5°	0°	5°	10°	20°
max 10° min			1200 382.3Cd 80	1200 382.9Cd 80	1200 363.7Cd 80		
max 5° min	1200 302.6Cd 40	1200 403.8Cd 80		1200 438.3Cd 280		1200 349.8Cd 80	1200 251.6Cd 40
max 0° min	1200 309.1Cd 100	1200 411.8Cd 280	1200 456.2Cd 360	1200 459.6Cd 400	1200 413.5Cd 360	1200 361.7Cd 280	1200 266.3Cd 100
max 5° min	1200 285.3Cd 40	1200 384.3Cd 80		1200 418.8Cd 280		1200 346.4Cd 80	1200 249.6Cd 40

SAMPLE B (24V)

H→ V↓	20°	10°	5°	0°	5°	10°	20°
max 10° min			1200 369.2Cd 80	1200 369.8Cd 80	1200 351.6Cd 80		
max 5° min	1200 292.7Cd 40	1200 390.5Cd 80		1200 424.2Cd 280		1200 339.2Cd 80	1200 243.5Cd 40
max 0° min	1200 300.1Cd 100	1200 399.0Cd 280	1200 442.3Cd 360	1200 445.2Cd 400	1200 401.2Cd 360	1200 351.4Cd 280	1200 258.5Cd 100
max 5° min	1200 280.5Cd 40	1200 371.8Cd 80		1200 405.8Cd 280		1200 334.6Cd 80	1200 241.1Cd 40

* In the case where the lamp is intended to be installed at a mounting height of equal to or less than 750 mm above the ground, the photometric intensity is verified only up to an angle of 5° downwards (2.3 Annex 4)

3.3 TEST RESULT FOR DAYTIME RUNNING LAMP (RL)

PASS FAIL N/A

Luminous intensities measured after 30 minutes of operation.

Luminous intensity in the angular field specified: $1200 \geq I(\text{cd}) \geq 1$

• H = 20° outboard / 20° inboard; V = 10° upwards / 5° downwards

☒ ☐ ☐

	Imax (cd)	Imin (cd)	☒	☐	☐
SAMPLE A	464.0	175.6	☒	☐	☐
SAMPLE B	450.2	169.1	☒	☐	☐

In case of failure of any light source in a single lamp containing more than one light source, at least one of the following provisions shall apply: *

- a. ~~A group of light sources, wired so that the failure of any one of them causes all of them to stop emitting light, shall be considered to be one light source.~~
- b. The light intensity complies with the minimum intensity required in the table of standard light distribution in space as shown in Annex 4.
- c. ~~The light intensity complies in the axis of reference with the 50% of the minimum intensity required. In this case a note in the communication form states that the lamp is only for use on a vehicle fitted with a tell tale indicating failure.~~

☒ ☐ ☐

*Strikethrough, as appropriate (No specific requirement)

SPATIAL LUMINOUS DISTRIBUTION TABLE (DAYTIME RUNNING LAMP (RL), 30 MIN)

SAMPLE A (12V)

H→ V↓	20°	10°	5°	0°	5°	10°	20°
max 10° min			1200 378.6Cd 80	1200 379.1Cd 80	1200 360.1Cd 80		
max 5° min	1200 299.6Cd 40	1200 399.8Cd 80		1200 434.0Cd 280		1200 346.4Cd 80	1200 249.1Cd 40
max 0° min	1200 306.0Cd 100	1200 407.7Cd 280	1200 451.6Cd 360	1200 455.0Cd 400	1200 409.4Cd 360	1200 358.1Cd 280	1200 263.7Cd 100
max 5° min	1200 282.5Cd 40	1200 380.5Cd 80		1200 414.7Cd 280		1200 343.0Cd 80	1200 247.2Cd 40

SAMPLE B (24V)

H→ V↓	20°	10°	5°	0°	5°	10°	20°
max 10° min			1200 364.8Cd 80	1200 365.4Cd 80	1200 347.5Cd 80		
max 5° min	1200 289.2Cd 40	1200 385.8Cd 80		1200 419.2Cd 280		1200 335.2Cd 80	1200 240.6Cd 40
max 0° min	1200 296.5Cd 100	1200 394.2Cd 280	1200 437.1Cd 360	1200 439.9Cd 400	1200 396.5Cd 360	1200 347.2Cd 280	1200 255.4Cd 100
max 5° min	1200 277.2Cd 40	1200 367.4Cd 80		1200 401.0Cd 280		1200 330.7Cd 80	1200 238.3Cd 40

SAMPLE A (12V), fail mode

H→ V↓	20°	10°	5°	0°	5°	10°	20°
max 10° min			1200 321.8Cd 80	1200 322.2Cd 80	1200 306.1Cd 80		
max 5° min	1200 254.7Cd 40	1200 339.8Cd 80		1200 368.9Cd 280		1200 294.4Cd 80	1200 211.7Cd 40
max 0° min	1200 260.1Cd 100	1200 346.5Cd 280	1200 383.9Cd 360	1200 415.8Cd 400	1200 378.0Cd 360	1200 304.4Cd 280	1200 224.1Cd 100
max 5° min	1200 240.1Cd 40	1200 323.4Cd 80		1200 352.5Cd 280		1200 291.6Cd 80	1200 210.1Cd 40

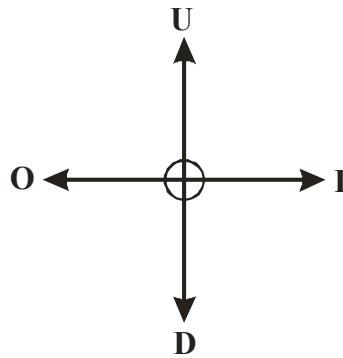
SAMPLE B (24V), fail mode

H→ V↓	20°	10°	5°	0°	5°	10°	20°
max 10° min			1200 310.1Cd 80	1200 310.6Cd 80	1200 295.4Cd 80		
max 5° min	1200 245.8Cd 40	1200 327.9Cd 80		1200 356.3Cd 280		1200 284.9Cd 80	1200 204.5Cd 40
max 0° min	1200 252.0Cd 100	1200 335.1Cd 280	1200 371.5Cd 360	1200 407.9Cd 400	1200 369.4Cd 360	1200 295.1Cd 280	1200 217.1Cd 100
max 5° min	1200 235.6Cd 40	1200 312.3Cd 80		1200 340.9Cd 280		1200 281.1Cd 80	1200 202.6Cd 40

* In the case where the lamp is intended to be installed at a mounting height of equal to or less than 750 mm above the ground, the photometric intensity is verified only up to an angle of 5° downwards (2.3 Annex 4)

This inspection report shall not be reproduced except in full, without written approval of the technical service.

ILLUMINATING SURFACE

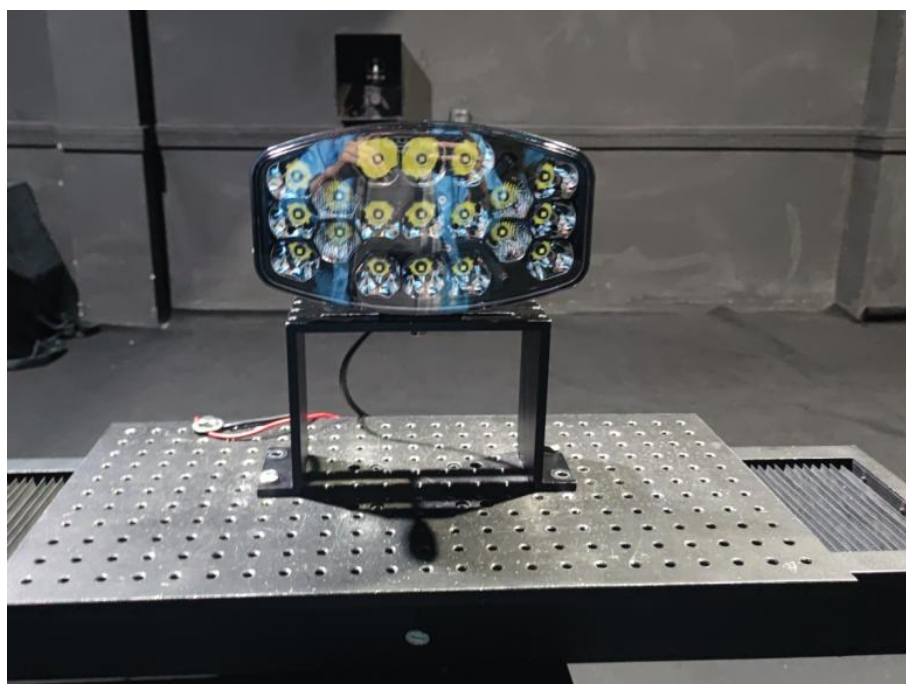


<i>Upper boundary</i> "U" (mm)	<i>Down boundary</i> "D" (mm)	<i>Inner boundary</i> "I" (mm)	<i>Outer boundary</i> "O" (mm)
43.85	43.85	62.25	62.25

The apparent surface area of the daytime running lamp is 109 cm².

This inspection report shall not be reproduced except in full, without written approval of the technical service.

APPENDIX 4 –TESTING PHOTOS



Remarks

None

INFORMATION DOCUMENT

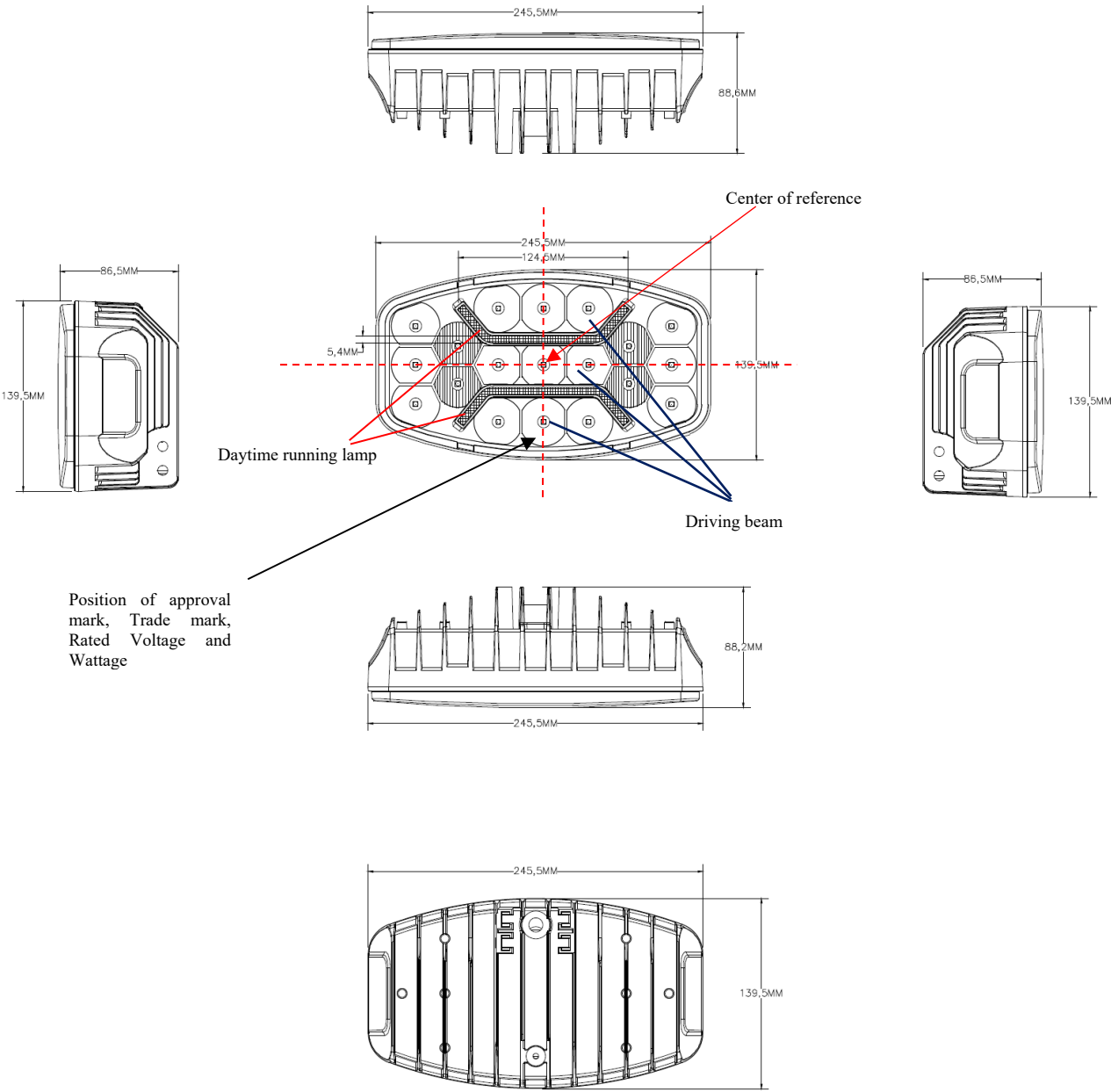
1. Specification data

Type	10C02		
Variants	--		
Trade name or mark	DXZ DUOXINGZHE		
Function	Driving beam	Daytime running lamp	
Color	White	White	
Number and category of light sources	1LED module with 54 x LED, Non-replaceable light source	19 x LED, Non-replaceable light source	
Rated	Voltage	12V/24V	12V/24V
	Wattage	55W	5W
Applicable Regulation		R149.00 Class B	R148.00 Category RL
Location of marking	Rated Voltage and Wattage	Marked on Lens	
	Trade mark	Marked on Lens	
	Approval mark	Marked on Lens	

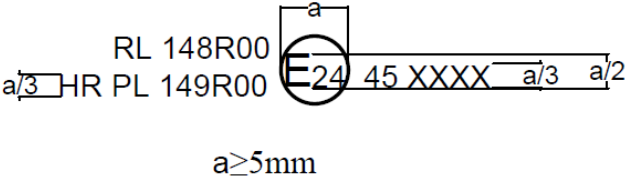
2. Construction and material

Construction	Material	Remarks
Lens	PC	Polycarbonate: Lexan LS2-111 UV Coating: UVHC3000 GE Bayer Silicones
Reflector	PC	--
Housing	ADC12+6063	Black
Electrical Wiring	Copper cover with insulation	--

3. Name and address of manufacturer : Guangdong DXZ Lighting Technology Co., Ltd.
No. 15, Hecun Section, Yuechi West Road, Hecun Community, Lishui Town, Nanhai District, Foshan City, China
4. Name and address of assembly plant : Guangdong DXZ Lighting Technology Co., Ltd.
No. 15, Hecun Section, Yuechi West Road, Hecun Community, Lishui Town, Nanhai District, Foshan City, China



Approval Mark



CIRCUIT DIAGRAM

