

**THE NETHERLANDS
(N E D E R L A N D)****COMMUNICATION**

Concerning ⁽¹⁾:

- approval granted
- ~~- approval extended~~
- ~~- approval refused~~
- ~~- approval withdrawn~~
- ~~- production definitely discontinued~~

of a type of direction indicator pursuant to Regulation number 6.

Approval number: E4-6R-0116506

Extension number: 00

1. Trade name or mark of the device : DEPO
2. Manufacturer's name for the type of device : D44-1102R/L P-NEBM1
3. Manufacturer's name and address : DEPO AUTO PARTS INDUSTRIAL CO., LTD.
No. 20-3, Nanshi Ln., Tounan Vil.,
505 – Lugang Township, Changhua County,
Taiwan, R.O.C.
4. If applicable, name and address of the manufacturer's representative : Not applicable
5. Submitted for approval on : March 21, 2012
6. Technical service responsible for conducting approval tests : TÜV Rheinland Kraftfahrt GmbH
Technologiezentrum Verkehrssicherheit
Typprüfstelle Fahrzeuge/Fahrzeugteile
Postfach 91 09 51
D-51101 Köln / Germany
7. Date of test report issued by that service : June 21, 2012
8. Number of test report issued by that service : 84-R6-00299/12



9. Concise description :
 Category : 4/1a/1b/2a/2b/3/4/5/6 ^{(1) (2)}
 Number, category : One PY21W filament lamp
 Voltage and wattage : 12V/21W
 Light source module specific identification code : Not applicable
 Only for installation on M1 and/or N1 category vehicles : ~~Yes~~/no ⁽¹⁾
 Only for limited mounting height of equal to or less than 750 mm above the ground : ~~Yes~~/no ⁽¹⁾
 Geometrical conditions of installation and relating variations, if any : Refer to the drawing of the information folder
 Application of an electronic light source control gear/variable intensity control : Not applicable
 (a) being part of the lamp : ~~Yes~~/no ⁽¹⁾
 (b) being not part of the lamp : ~~Yes~~/no ⁽¹⁾
 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
 Variable luminous intensity : ~~Yes~~/no ⁽¹⁾
10. Position of the approval mark : On the housing of the lamp
11. Reason(s) for extension (if applicable) : Not applicable
12. Approval : ~~Granted/extended/refused/withdrawn~~ ⁽¹⁾
13. Place : Zoetermeer
14. Date : 28-JUN-2012



15. Signature :



R.F.R. Clement

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

⁽¹⁾ Strike out what does not apply.

Type : D44-1102R/L P-NEBM1
 Manufacturer : DEPO AUTO PARTS INDUSTRIAL CO., LTD.

Test Report

according to ECE-Regulation

Uniform provisions concerning the approval of direction indicators for power-driven vehicles and their trailers

No.: **ECE-R6**

including all amendments until

No.: **01 series of amendments, suppl. 21**

Previously granted		
ECE - approval	:	--

Structure of report:

0. General information
1. Test object(s) and general test information
2. Test minutes
3. Remark concerning tested object(s)
4. Appendices
5. Statement of conformity

The Test Report shall be reproduced and published in full by the client only. It shall however be reproduced partially with the written permission of the Testing Laboratory only.

Type : **D44-1102R/L P-NEBM1**
Manufacturer : **DEPO AUTO PARTS INDUSTRIAL CO., LTD.**

0. General information

- 0.1. Trade mark or trade name of the lamp : DEPO
- 0.2. Manufacturer's name for the type of the lamp : D44-1102R/L P-NEBM1
- 0.3. Name and address of the manufacturer : DEPO AUTO PARTS INDUSTRIAL CO., LTD.
No. 20-3, Nanshi Ln., Tounan Vil.,
505 – Lugang Township, Changhua County,
Taiwan, R.O.C..
- 0.4. Name and address of the manufacturer's authorised representative : Not applicable
- 0.5. No. of information document : D44-1102 R/L P-NEBM1
date of issue : March 21, 2012
date of last amendment : --

Type : D44-1102R/L P-NEBM1
Manufacturer : DEPO AUTO PARTS INDUSTRIAL CO., LTD.

1. Test object(s) and general test information

1.1. Test object(s)

- Identification no. : Not applicable
- Model : D44-1102R/L P-NEBM1
- Remark : Front direction indicator, category 1a

1.2. General test information

- 1.2.1 Order issued by : --
(if different from manufacturer)
- 1.2.2 Test object received on : --
- 1.2.3 Test date : March 21, 2012
- 1.2.4 Test site : Hsin-Ying / Taiwan
- 1.2.5 Remark : The results of the test refer exclusively to the objects mentioned under point 1.1. of this report.

Type : D44-1102R/L P-NEBM1
Manufacturer : DEPO AUTO PARTS INDUSTRIAL CO., LTD.

2. Test minutes

2.1. Test facilities : The measurement equipment used was in compliance with the test requirements.

2.2. Test results : ~~The lamp has been tested according to the amendments mentioned in Appendix 0. The photometric values were carried over from the basic report.~~

Markings : The trade mark is marked clearly legible and indelible on the housing of the lamp.

The filament lamp type is clearly legible and indelible marked on the housing of the lamp.

Space for the approval mark and for the additional symbols is provided on the housing of the lamp.

2.3. General specifications : The lamp is designed and made that under normal use their satisfactory operation is ensured and they retain the required characteristics.

The colour of the light emitted inside the field of the light distribution grid defined in paragraph 2 of Annex 4 is amber.

The filament lamp holder conforms to the characteristics stated in the IEC publication 60061.

2.4. Photometric tests : The light emitted was obtained by means of the standard lamp(s) as specified in the information document, 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.

In case of different intensities of light emitted required by the Regulation, the evaluations are based on the most unfavourable limits specified.

Type : D44-1102R/L P-NEBM1
 Manufacturer : DEPO AUTO PARTS INDUSTRIAL CO., LTD.

Results of photometric tests of the direction indicator, category 1a

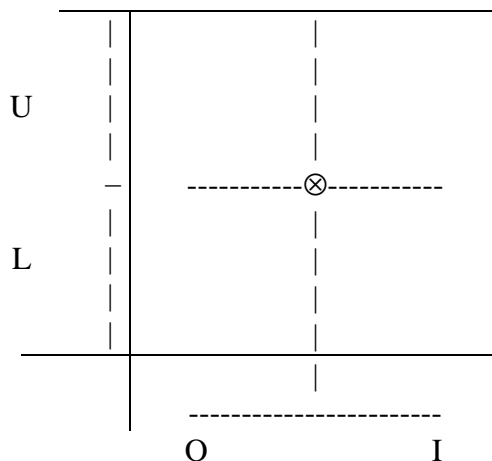
distribution of the intensity of the lamps in [cd]								
horizontal angle		L20°	L10°	L5°	V	R5°	R10°	R20°
vertical angle required minimum intensity	U10°			50		50		
	U5°	25	50		175		50	25
	H		87.5	225	250	225	87.5	
	D5°	25	50		175		50	25
	D10°			50		50		
vertical angle sample no. 1 (left side)	U10°			122.2		118.6		
	U5°	97.9	177.2		175.9		68.1	32.8
	H		314.6	332.9	279.4	281.1	99.7	
	D5°	108.6	326.9		417.4		114.3	30.7
	D10°			321.1		268.1		
vertical angle sample no. 2 (right side)	U10°			86.9		177.6		
	U5°	317.3	111.0		449.0		434.9	121.0
	H		198.6	443.8	745.4	779.5	454.9	
	D5°	25.7	97.5		290.7		295.0	111.5
	D10°			95.4		155.1		

	sample no. 1	sample no. 2	allowable maximum	required minimum
maximum intensity [cd]	451.7	792.6	800	--
minimum intensity in the field defined in Annex 1 of the Regulation [cd]	0.91	0.87	--	0.3

The light distribution is substantially uniform. The light intensity is within the limits in the fields described in §6 and Annex 4 of the Regulation.

Type : D44-1102R/L P-NEBM1
 Manufacturer : DEPO AUTO PARTS INDUSTRIAL CO., LTD.

2.5. 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 3 of the Regulation ECE-R48.



function	upper boundary (U) [mm]	lower boundary (L) [mm]	outer boundary (O) [mm]	inner boundary (I) [mm]
front direction indicator	38	29	38	12

2.6. Explanatory note : This report describes the examination of the direction indicator as a part of a lamp device.

For the examination of the other lamp of the device, refer to the following report:

Type of lamp	Test Report No.
Headlamp	84-R112-00297/12
Front position lamp	84-R7-00298/12

2.7. Variants and components : Not applicable

Type : D44-1102R/L P-NEBM1
Manufacturer : DEPO AUTO PARTS INDUSTRIAL CO., LTD.

3. Remark concerning tested object(s)

All versions of the lamp type as stated in the information document are covered with the tested lamp version(s) and test object(s) respectively.

4. Appendices

0 List of modifications

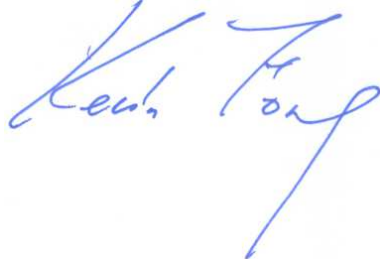
1 Information folder No. : D44-1102 R/L P-NEBM1 (1 page)
(excluding drawings)

5. Statement of conformity

The above mentioned information folder and the type described in that comply with the requirements mentioned on page 1.

Cologne, June 21, 2012

KWU/KFO



M.S.M.E. K. Fong

Type : D44-1102R/L P-NEBM1
Manufacturer : DEPO AUTO PARTS INDUSTRIAL CO., LTD.

List of modifications

Appendix 0

Correction of : --

Modification of : --

Addition of : --

Deletion of : --



Application Type: D44-1102R/L P-NEBM1**First Application Date: March 21, 2012**

Application regulation:	ECE-R112-00 (class B for both traffic systems), ECE-R7-02, ECE-R6-01 (category 1a)
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1. Light Sources

Function	Light Color	Rated Voltage	Rated Wattage	Category (ECE-R37)
Passing lamp	White	12V	55W	H7
Driving lamp	White	12V	55W	H7
Front position lamp	White	12V	1W	2 LEDs
Front direction indicator	Amber	12V	21W	PY21W

2. Construction and Material

Construction	Material	Remark
Outer lens	PC: LEXAN/LS2-112	Coating: HH9986U-N3, colourless
Inner lens B, C (Front position lamp)	PC	Colourless
Inner lens D (Front direction indicator)	PC	Colourless
Housing	Plastic	
Reflector (Passing lamp)	Metal	Aluminum vacuum coated
Reflector (Driving lamp, Front position lamp)	Plastic	Aluminum vacuum coated
Reflector (Front direction indicator)	Plastic	Aluminum vacuum coated

3. The locations of the trade mark(s), the lamp designation mark(s) and the approval mark(s) are indicated in the following drawing(s) attached:

00\D44-1102N1-B, 00\D44-1102N2-B, 00\D44-1102N3-B, 00\D44-1102N4-B

4. The drawing number of the electrical related information: 00\D44-1102N5-B**5. Name and address of manufacturer:**

DEPO AUTO PARTS INDUSTRIAL CO., LTD.
 No. 20-3, Nanshi Ln., Tounan Vil.,
 505- Lukang Township, Changhua County, Taiwan, R.O.C.

6. Name and address of representative of manufacturer:

Not applicable

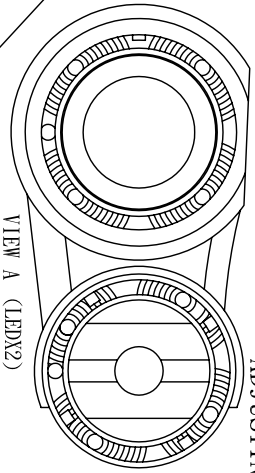
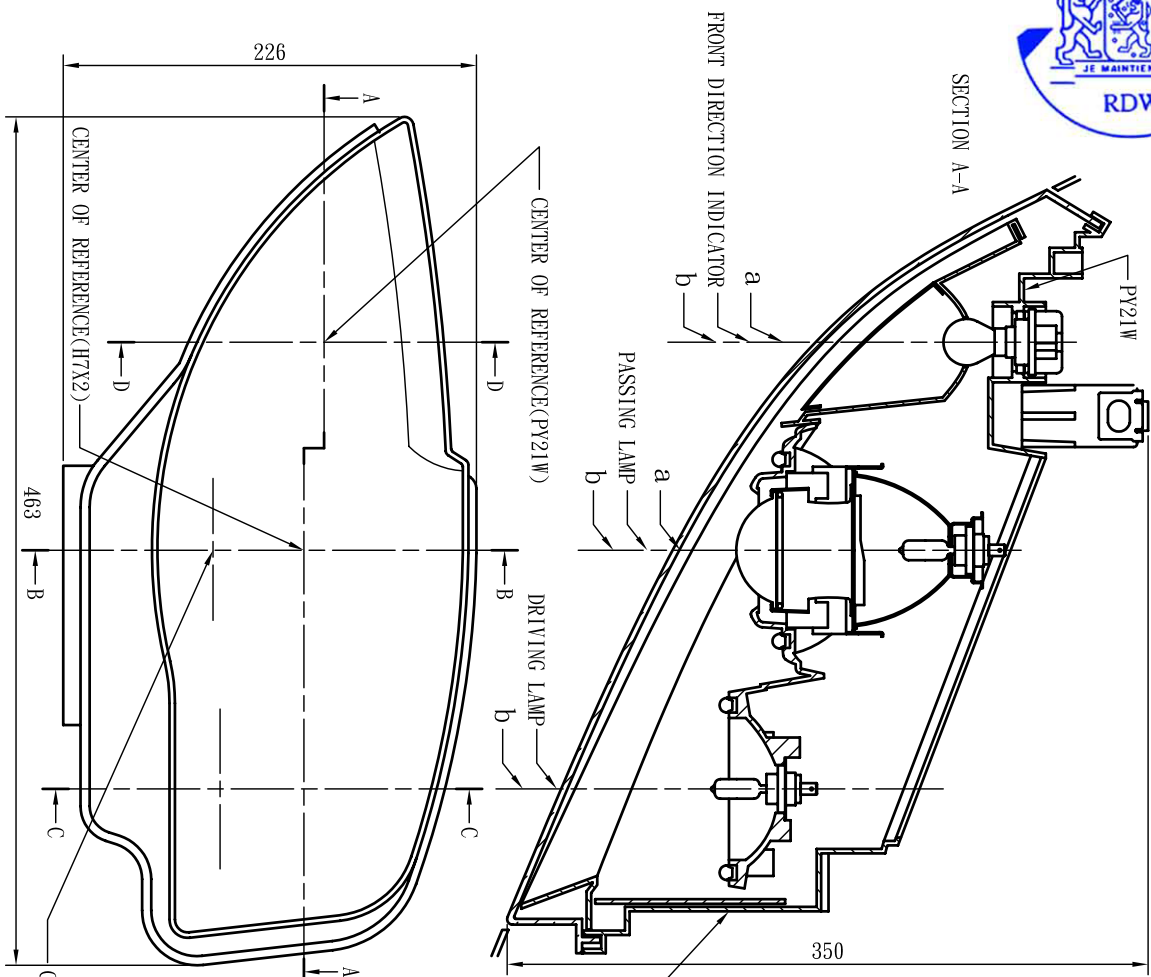
7. Remarks

Date: March 21, 2012

Place: Chang Hua

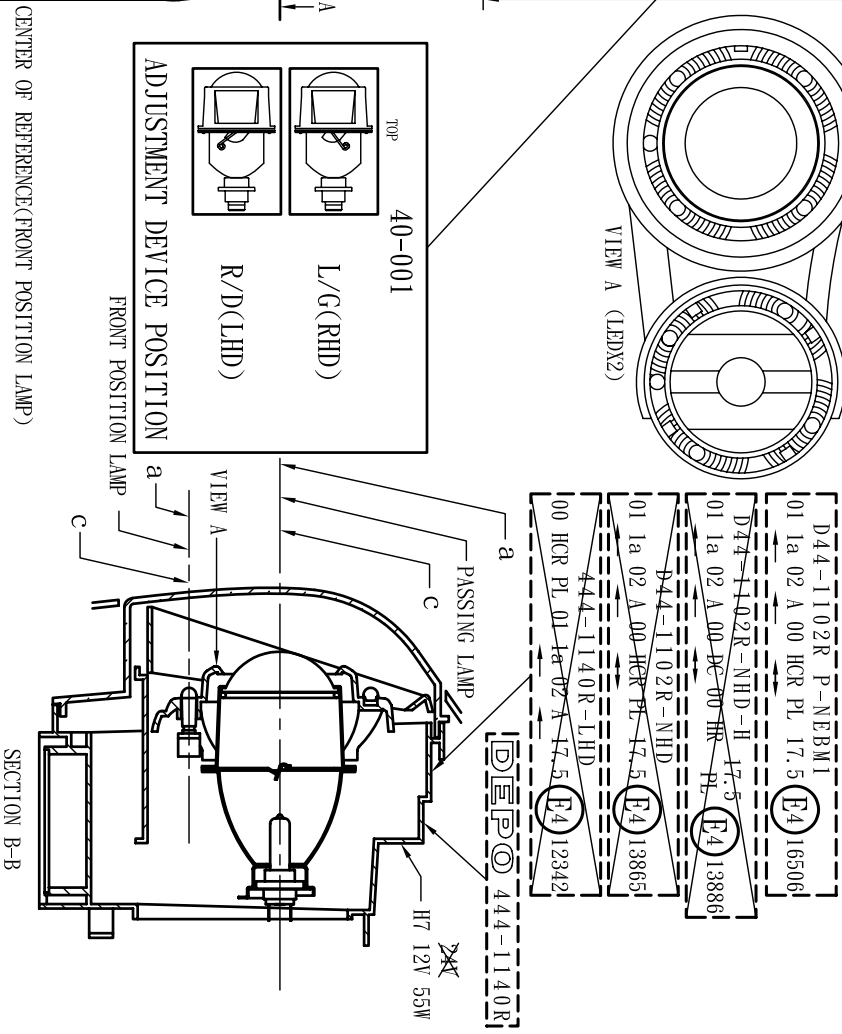
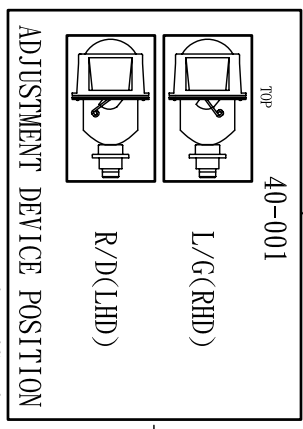
Person in charge: Chung-Neng Yang





NOTE:

1. THIS DRAWING SHALL BE APPLIED FOR RIGHT HAND ONLY AND LEFT HAND SHALL BE SYMMETRICAL, EXCEPT THE PASSING LAMP'S REFLECTOR MODULE.
2. THIS OUTER LENS IS FIXED ON THE HOUSING BY USING GLUE AND SNAP-IN CONNECTORS.
3. THIS LAMP IS EQUIPPED WITH A REFLECTOR ADJUSTING DEVICE.

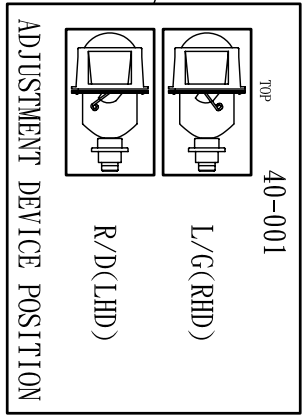
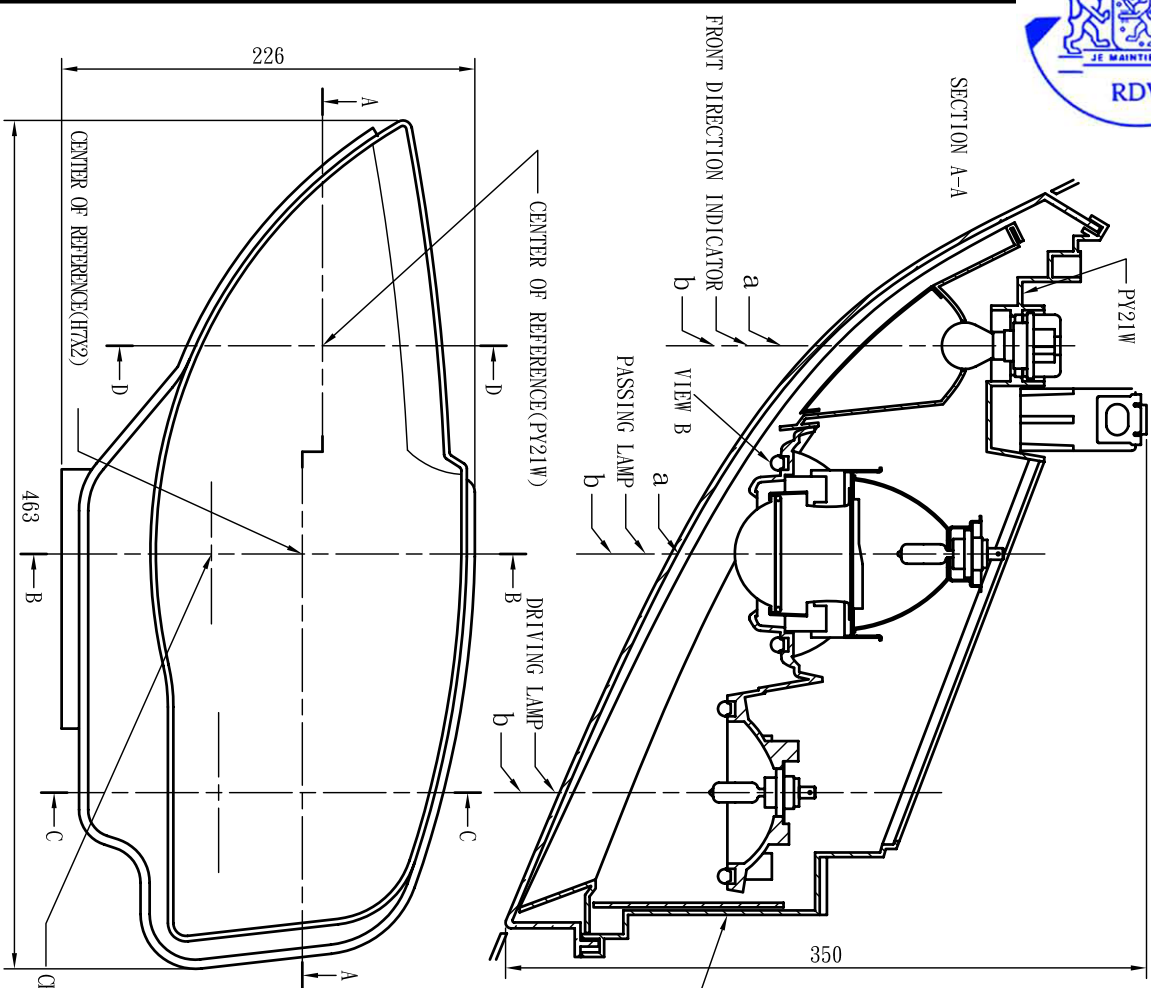


D44-1102R	P-NEBM1	
01	1a.02 A.00 HCR PL 17.5	F4 165061
D44-1102R-NHD-H	17.5	F4 138864
01	1a.02 A.00 DE-00 THR PL	F4 138864
D44-1102R-NHD		
01	1a.02 A.00 HCR PL 17.5	F4 138651
444-1140R-LHD		
00	HCR PL 01 1a.02 A.17.5	F4 123421
EPC 444-1140R		

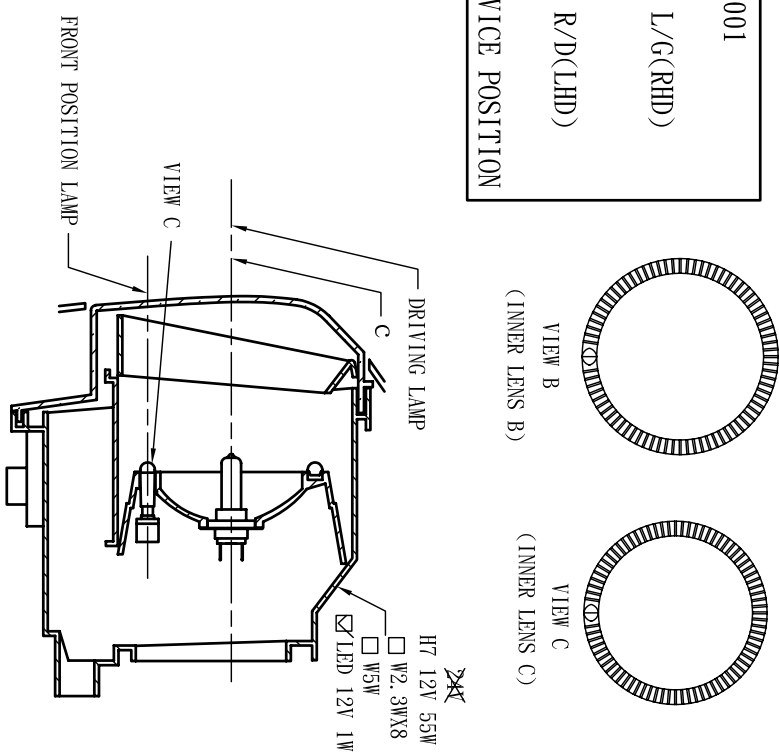
一般尺寸	公差
6以下	±0.1
6-30以下	±0.2
30-120以下	±0.3
120-150以下	±0.5
150以上	±1.0

a: AXIS OF REFERENCE
b: LONGITUDINAL PLANE OF VEHICLE
c: HORIZONTAL PLANE OF VEHICLE

D44-1102R-NDBM1	件號	名稱	材質	規格備註
黃慧中	製圖	2012/04/10	投影法	第三角法
黃明城	設計		比例	0.35 : 1
楊志能	審核		圖名	頭燈組立圖
許敏超	核准		圖號	00\D44-1102N1-B



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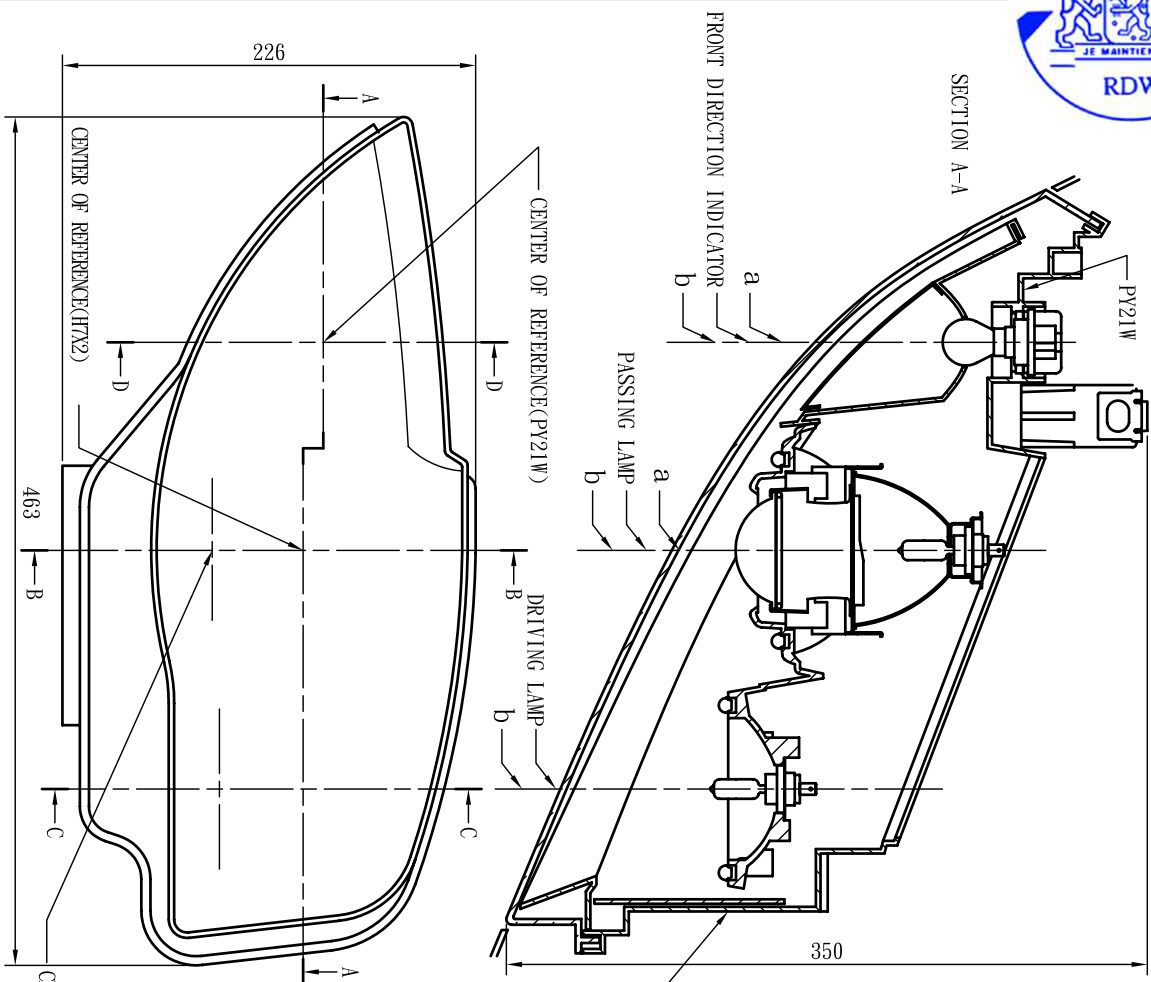


一般尺寸	公差
6以下	±0.1
6-30以下	±0.2
30-120以下	±0.3
120-150以下	±0.5
150以上	±1.0

a: AXIS OF REFERENCE
 b: LONGITUDINAL PLANE OF VEHICLE
 c: HORIZONTAL PLANE OF VEHICLE

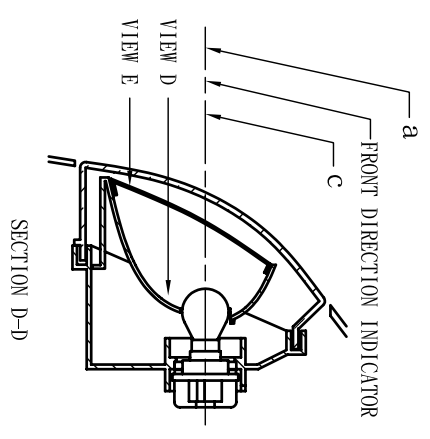
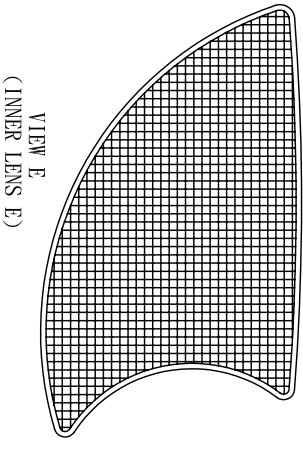
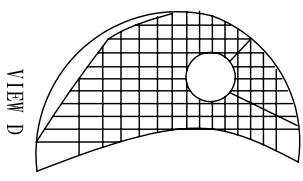
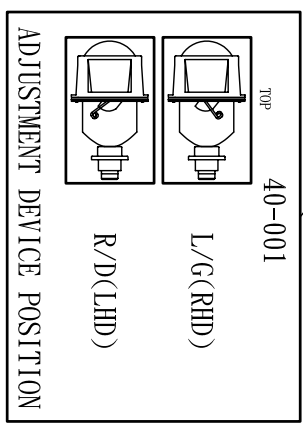
版次	修改說明	日期	制訂	審查	核准

D44-1102R-NRBM1	件號	名稱	材質	規格備註
製圖	黃慧中	2012/04/10	投影法	第三角法
設計	黃明城		比例	0.35 : 1
審核	楊忠能		圖名	頭燈組立圖
	許敘超		圖號	00\D44-1102N2-B



FRONT OF VEHICLE

- NOTE:
1. THIS DRAWING SHALL BE APPLIED FOR RIGHT HAND ONLY AND LEFT HAND SHALL BE SYMMETRICAL, EXCEPT THE PASSING LAMP'S REFLECTOR MODULE.
 2. THIS OUTER LENS IS FIXED ON THE HOUSING BY USING GLUE AND SNAP-IN CONNECTORS.
 3. THIS LAMP IS EQUIPPED WITH A REFLECTOR ADJUSTING DEVICE.



一般尺寸	公差
6以下	±0.1
6-30以下	±0.2
30-120以下	±0.3
120-150以下	±0.5
150以上	±1.0

未註記公差者適用本表

a: AXIS OF REFERENCE
b: LONGITUDINAL PLANE OF VEHICLE
c: HORIZONTAL PLANE OF VEHICLE

版次	修改說明	日期	制訂	審查	核准

D44-1102R-NDBM1		名稱	材質	規格備註
件號				
製圖	黃慧中	2012/04/10	投影法 第三角法	單位 mm
設計	黃明城		比例 0.35 : 1	
	楊忠能		圖名	頭燈組立圖
	許敬超		圖號	00\D44-1102V3-B

