

帝寶工業股份有限公司

DEPO AUTO PARTS INDUSTRIAL CO., LTD.

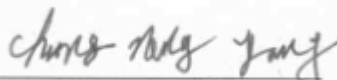
No. 20-3, Nanshi Ln., Tounan Vil., 505 – Lugang Township, Changhua County, Taiwan, R.O.C.

TEL: 886-4-771-1578 FAX: 886-4-771-3891

APPLICATION FOR APPROVAL OF A TYPE OF HEADLAMP
ACCORDING TO ECE REGULATION NO. 112-01 SERIES OF AMENDMENTS
06-01 SERIES OF AMENDMENTS
07-02 SERIES OF AMENDMENTS

1. Trade name or mark of the device : DEPO
2. Manufacturer's name of the device : D44-1110 R/L P-NDEM2
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 manufacturer's representative : Not applicable
5. Category as described by the relevant markings : HCR PL, A, 1a
↔
6. Submitted for approval on(date) : June 19, 2014

SIGNATURE:



Name: Chung-Neng Yang
Homologation Team Leader

We herewith confirm that above mentioned application has not been submitted to any other EC/ECE-Member State nor has Member State granted a corresponding type approval.

This application is accompanied by:

The test report



**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- ~~- approval withdrawn~~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 headlamp pursuant to Regulation number 112.

Approval number: E4-112R-0118479**Extension number: 00**

1. Trade name or mark of the device : DEPO
2. Manufacturer's name for the type of device : D44-1110 R/L P-NDEM2
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 : June 12 to 27, 2014
6. Technical service responsible for conducting approval tests : TÜV Rheinland Kraftfahrt GmbH
Technologiezentrum Verkehrssicherheit
Typprüfstelle Fahrzeuge/Fahrzeugteile
Postfach 91 09 51
D-51105 Köln / Germany
7. Date of report issued by that service : July 1, 2014
8. Number of report issued by that service : 84-R112-00701/14-00
9. Brief description:

Category as described by the relevant marking ⁽²⁾ : HCR PL
↔



- Number and category(s) of filament lamp(s) : Passing lamp: One H7
Driving lamp: One H7
- Reference luminous flux used for the principal passing beam (lm) : 1500 lm
- Principal passing beam operated at approximately (V) : 13.2V
- Measures according to paragraph 5.8 of this Regulation : Not required
- Number and specific identification code(s) of LED module(s) and for each LED module a statement whether it is replaceable or not : ~~Yes/no~~⁽¹⁾
- Number and specific identification code(s) of electronic light source control gear(s) : Not applicable
- Total objective luminous flux as described in paragraph 5.9. exceeds 2,000 lumen : ~~Yes/no/does not apply~~⁽¹⁾
- The adjustment of the cut-off has been determined at : 10m/~~25m/does not apply~~⁽¹⁾
- The determination of the minimum sharpness of the “cut-off” has been carried out at : ~~10m/25m/does not apply~~⁽¹⁾
10. Approval mark position : On the housing of the lamp
11. Reason(s) for extension of approval : Not applicable
12. Approval : ~~Granted/extended/refused/withdrawn~~⁽¹⁾
13. Place : Zoetermeer
14. Date : 08-JUL-2014
15. Signature :
- 
Uwe Löbig
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.

(2) Indicate the appropriate marking selected from the list below:

C, $\xrightarrow{\quad}$ C, $\xleftrightarrow{\quad}$ C, R, R PL, CR, $\xrightarrow{\quad}$ CR, $\xleftrightarrow{\quad}$ CR, C/R, $\xrightarrow{\quad}$ C/R, $\xleftrightarrow{\quad}$ C/R, C/, $\xrightarrow{\quad}$ C/, $\xleftrightarrow{\quad}$ C/,
 C PL, $\xrightarrow{\quad}$ C PL, $\xleftrightarrow{\quad}$ C PL, CR PL, $\xrightarrow{\quad}$ CR PL, $\xleftrightarrow{\quad}$ CR PL, C/R PL, $\xrightarrow{\quad}$ C/R PL, $\xleftrightarrow{\quad}$ C/R PL,
 C/PL, $\xrightarrow{\quad}$ C/PL, $\xleftrightarrow{\quad}$ C/PL,
 HC, $\xrightarrow{\quad}$ HC, $\xleftrightarrow{\quad}$ HC, HR, HR PL, HCR, $\xrightarrow{\quad}$ HCR, $\xleftrightarrow{\quad}$ HCR, HC/R, $\xrightarrow{\quad}$ HC/R, $\xleftrightarrow{\quad}$ HC/R,
 HC/, $\xrightarrow{\quad}$ HC/, $\xleftrightarrow{\quad}$ HC/,
 HC PL, $\xrightarrow{\quad}$ HC PL, $\xleftrightarrow{\quad}$ HC PL, HCR PL, $\xrightarrow{\quad}$ HCR PL, $\xleftrightarrow{\quad}$ HCR PL, HC/R PL, $\xrightarrow{\quad}$ HC/R PL, $\xleftrightarrow{\quad}$ HC/R PL,
 HC/PL, $\xrightarrow{\quad}$ HC/PL, $\xleftrightarrow{\quad}$ HC/PL,



Type : D44-1110 R/L P-NDEM2
Manufacturer : DEPO AUTO PARTS INDUSTRIAL CO., LTD.

TEST REPORT

according to ECE-Regulation

Uniform provisions concerning the approval of motor vehicle headlamps emitting an asymmetrical passing beam or a driving beam or both and equipped with filament lamps and/or light-emitting diode (LED) modules

No.: **ECE-R112**

including all amendments until

No.: **01 series of amendments, suppl. 4**

Approval Status	
ECE - approval	: E4-112R-0118479 Ext.00

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 : D44-1110 R/L P-NDEM2
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 : D44-1110 R/L P-NDEM2
- 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 : D44-1110 R/L P-NDEM2-00
date of issue : June 19, 2014
date of last amendment : --



Type : D44-1110 R/L P-NDEM2
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 : D44-1110 R/L P-NDEM2
- Remark : Class B principal passing lamp for both traffic sides, incorporating a lens made of plastic.

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 : June 12 to 27, 2014
- 1.2.4 Test site : Hsin-Ying and Lu-Kang / Taiwan
- 1.2.5 Remark : The results of the test refer exclusively to the object(s) mentioned under point 1.1. of this report.



Type : D44-1110 R/L P-NDEM2
 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 type has been tested according to the amendments mentioned in appendix 0.~~

2.2.1 Temperature : 25 °C

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

Space for the approval mark and for the additional symbols is provided on the housing of the lamp. The outer lens can not be separated from the housing.

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

The filament lamp(s) of the headlamp complies with the requirements as described in paragraph 5.3.1.

The filament lamp(s) can be fixed in no position but the correct one. The filament lamp holder(s) conform to the characteristics given in IEC publication No. 60061.

The headlamp is ~~not~~ fitted with a device enabling the correct adjustment on the lamp as to comply with the requirements applicable to them. ~~The adjustment system is provided by a device the lamp is fitted to.~~

~~The headlamp is designed to provide alternately a driving beam and a passing beam. The construction of the electromechanical device for switching one beam to the other complies with the requirements as described in paragraph 5.7.~~



Type : D44-1110 R/L P-NDEM2
 Manufacturer : DEPO AUTO PARTS INDUSTRIAL CO., LTD.

The headlamp is designed to meet the requirements of traffic moving on both side traffic. ~~The appropriate measures (refer to the information folder) are taken to prevent discomfort to users in a country where traffic moves on the side of the road opposite to that of the country for which the headlamp was designed.~~

~~Under the application of the measures, the following illuminations were measured and fulfilled.~~

designed for right hand side traffic	designed for left hand side traffic	sample No. 1 (right)	sample No. 2 (left)	illumination required [cd]
0.86D-1.72L	0.86D-1.72R	--	--	≥ 2500
0.57U-3.43R	0.57U-3.43L	--	--	≤ 880

2.4. Photometric tests

: Prior to the measurement, the headlamp has been adjusted according to paragraph 6.2.2. of the Regulation.

2.4.1 Passing beam

: The instrumental method of Annex 9, paragraphs 2. and 3. of the Regulation was not applied.

The passing beam produces an adequate illumination without dazzle.

No lateral variations detrimental to good visibility in any of the zones I, II, III and IV have been observed.

Illumination measured on the screen (refer to Annex 3 of the Regulation) by the passing beam by means of an uncoloured standard lamp producing the required light flux.



Type : D44-1110 R/L P-NDEM2
 Manufacturer : DEPO AUTO PARTS INDUSTRIAL CO., LTD.

Results of photometric tests of the passing beam, class B (adjusted to right hand side traffic)

illumination produced on the screen in [cd]				
right-hand side traffic	left-hand side traffic	sample No. 1 (right)	sample No. 2 (left)	illumination required
B50L	B50R	75.3	185.6	≤ 350
BR	BL	97.3	232.0	≤ 1750
75R	75L	13868.8	14050.0	≥ 10100
75L	75R	558.3	3076.9	≤ 10600
50L	50R	6248.1	7675.0	$13200 \geq x \geq 2500$
50R	50L	15806.3	14506.3	≥ 10100
50V	50V	15812.5	18112.5	≥ 5100
25L	25R	2825.0	3930.6	≥ 1700
25R	25L	3746.3	2935.0	≥ 1700
P-8 (H-4L)	P-8 (H-4R)	168.1	247.7	$625 \geq x \geq 125$
P-7 (H-8L)	P-7 (H-8R)	85.2	153.1	$x \geq 65$
P-6 (2U-4R)	P-6 (2U-4R)	204.0	137.8	$625 \geq x_6$
P-5 (2U-V)	P-5 (2U-V)	208.3	158.5	$625 \geq x_5$
P-4 (2U-4L)	P-4 (2U-4L)	189.3	103.3	$625 \geq x_4$
P-3 (4U-8R)	P-3 (4U-8R)	92.7	60.9	$625 \geq x_3$
P-2 (4U-V)	P-2 (4U-V)	89.7	88.2	$625 \geq x_2$
P-1 (4U-8L)	P-1 (4U-8L)	97.3	43.8	$625 \geq x_1$
1+2+3		279.7	192.9	≥ 190
4+5+6		601.6	399.6	≥ 375
any point in zone III		219.2	621.9	≤ 625
any point in zone IV		4907.5	5508.4	≥ 2500
any point in zone I		13636.0	13957.0	$\leq 2 \text{ E50R}$



Type : D44-1110 R/L P-NDEM2
 Manufacturer : DEPO AUTO PARTS INDUSTRIAL CO., LTD.

Results of photometric tests of the passing beam, class B (adjusted to left hand side traffic)

illumination produced on the screen in [cd]				
right-hand side traffic	left-hand side traffic	sample No. 1 (right)	sample No. 2 (left)	illumination required
B50L	B50R	89.8	169.9	≤ 350
BR	BL	101.6	184.6	≤ 1750
75R	75L	14231.3	12962.5	≥ 10100
75L	75R	3434.4	2053.1	≤ 10600
50L	50R	9068.8	8218.8	$13200 \geq x \geq 2500$
50R	50L	13631.3	14043.8	≥ 10100
50V	50V	18200.0	17800.0	≥ 5100
25L	25R	3263.1	2991.9	≥ 1700
25R	25L	2560.6	3854.4	≥ 1700
P-8 (H-4L)	P-8 (H-4R)	140.9	223.3	$625 \geq x \geq 125$
P-7 (H-8L)	P-7 (H-8R)	115.2	175.2	$x \geq 65$
P-6 (2U-4R)	P-6 (2U-4R)	164.7	150.0	$625 \geq x_6$
P-5 (2U-V)	P-5 (2U-V)	181.4	140.6	$625 \geq x_5$
P-4 (2U-4L)	P-4 (2U-4L)	199.7	107.9	$625 \geq x_4$
P-3 (4U-8R)	P-3 (4U-8R)	108.8	47.6	$625 \geq x_3$
P-2 (4U-V)	P-2 (4U-V)	78.0	80.7	$625 \geq x_2$
P-1 (4U-8L)	P-1 (4U-8L)	88.2	95.2	$625 \geq x_1$
1+2+3		275.0	223.5	≥ 190
4+5+6		545.8	398.5	≥ 375
any point in zone III		326.9	430.0	≤ 625
any point in zone IV		4590.8	5375.4	≥ 2500
any point in zone I		12590.0	13954.0	$\leq 2 \text{ E50R}$



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2.4.2 Driving beam : The driving beam is provided by one/two light source(s) (filament).

The illumination measurements have been taken with the same alignment as for the passing beam. ~~The driving beam is adjusted that the area of maximum illumination is centred on the point HV.~~ Point HV was situated within the isolux 80% of E_M .

Illumination (in lux) obtained on the screen (refer to Annex 3 of the Regulation) by the driving beam by means of an uncoloured standard lamp producing the required light flux:

Results of photometric tests of the driving beam, class B (adjusted to right hand side traffic)

illumination produced on the screen in [cd]			
	sample No. 1 (right)	sample No. 2 (left)	illumination required
maximum illumination I_{max}	92763.7	89165.0	$40500 \leq I_{max} \leq 215000$
illumination at point of intersection (HV) of lines hh and vv	90500.0	87000.0	$\geq 0.8 \times I_{max}$
$I'_M = I_M / 4300$	21.6	20.7	
rounded off to the reference mark of	20.0		
H-5L	16375.0	9837.5	≥ 5100
H-2.5L	42787.5	32912.5	≥ 20300
H-2.5R	34912.5	45931.3	≥ 20300
H-5R	10400.0	9837.5	≥ 5100



Type : D44-1110 R/L P-NDEM2
 Manufacturer : DEPO AUTO PARTS INDUSTRIAL CO., LTD.

Results of photometric tests of the driving beam, class B (adjusted to left hand side traffic)

illumination produced on the screen in [cd]			
	sample No. 1 (right)	sample No. 2 (left)	illumination required
maximum illumination I_{\max}	93471.7	89145.5	$40500 \leq I_{\max} \leq 215000$
illumination at point of intersection (HV) of lines hh and vv	91625.0	82750.0	$\geq 0.8 \times I_{\max}$
$I'_M = I_M / 4300$	21.7	20.7	
rounded off to the reference mark of	20.0		
H-5L	17500.0	8775.0	≥ 5100
H-2.5L	46150.0	30693.8	≥ 20300
H-2.5R	34425.0	53425.0	≥ 20300
H-5R	9662.5	17512.5	≥ 5100

2.5. Stability of photometric performance of headlamps in operation

2.5.1. Stability of photometric performance

2.5.1.1 Clean headlamp

: The lamp was operated 12 hours according to the applicable cycle as described in paragraph 1.1.1. of Annex 4 of the Regulation.

The visual inspection after this test did not show any distortion, deformation, cracking or change in color of the headlamp lens.



Adjusted for right hand side traffic

photometric test results (in cd)				
points on screen	Initial	end of test	difference in %	allowable difference in %
driving beam I_{\max}	84706.79	83521.46	-1.40	10
passing beam 50R	13780.9	13491.1	-2.10	10
passing beam 25L	3734.1	3665.4	-1.84	10
points on screen	Initial	end of test	difference in cd	allowable difference in cd
passing beam B50L	176.29	170.94	-5.35	170

Type : D44-1110 R/L P-NDEM2
 Manufacturer : DEPO AUTO PARTS INDUSTRIAL CO., LTD.

Adjusted for left hand side traffic

photometric test results (in cd)				
points on screen	Initial	end of test	difference in %	allowable difference in %
driving beam I _{max}	84688.24	82943.72	-2.06	10
passing beam 50L	13341.6	13027.7	-2.35	10
passing beam 25R	2842.29	2768.34	-2.60	10
points on screen	Initial	end of test	difference in cd	allowable difference in cd
passing beam B50R	161.39	157.74	-3.65	170

2.5.1.2 Dirty headlamp

: After preparation as prescribed in paragraph 1.2.1. of Annex 4 of the Regulation, and confirmation that the illumination values have dropped to 15% to 20 % of the prior values, the headlamp was operated for 1 hour according to the applicable cycle as described in paragraph 1.1.1. of Annex 4.

The visual inspection after this test did not show any distortion, deformation, cracking or change in color of the headlamp lens.

Adjusted for right hand side traffic

Photometric test results (in cd)				
points on screen	initial	end of test	difference in %	allowable difference in %
driving beam I _{max}	84706.79	86548.50	2.17	10
passing beam 50R	13780.9	14092.3	2.26	10
passing beam 25L	3734.1	3894.8	4.30	10
points on screen	Initial	end of test	difference in cd	allowable difference in cd
passing beam B50L	176.29	181.67	5.38	170



Type : D44-1110 R/L P-NDEM2
 Manufacturer : DEPO AUTO PARTS INDUSTRIAL CO., LTD.

Adjusted for left hand side traffic

Photometric test results (in cd)				
points on screen	initial	end of test	difference in %	allowable difference in %
driving beam I _{max}	84688.24	86942.28	2.66	10
passing beam 50L	13341.6	13658.6	2.38	10
passing beam 25R	2842.29	2908.75	2.32	10
points on screen	Initial	end of test	difference in cd	allowable difference in cd
passing beam B50R	161.39	165.86	4.47	170

2.5.2 Change in vertical position of the cut-off line under the influence of heat

: Test result in accordance with paragraph 2 of Annex 4 of the Regulation in milliradians (mrad) (maximum deviation measurement):

Adjusted for right hand side traffic

points on screen	sample no. 1	sample no. 2	maximum permissible
r ₃	-9.95	--	
r ₆₀	-10.30	--	
$\Delta r_I = r_3 - r_{60} $	--	--	1.0 (upward)
	0.35	--	2.0 (downward)

Adjusted for left hand side traffic

points on screen	sample no. 1	sample no. 2	maximum permissible
r ₃	-10.30	--	
r ₆₀	-10.65	--	
$\Delta r_I = r_3 - r_{60} $	--	--	1.0 (upward)
	0.35	--	2.0 (downward)



Type : D44-1110 R/L P-NDEM2
 Manufacturer : DEPO AUTO PARTS INDUSTRIAL CO., LTD.

2.6. Coloured lenses, filters and filament lamps

The colouring beam is obtained through : Not applicable

~~The CIE trichromatic co-ordinates of the light emitted by the headlamp are within the limits in the paragraph 7. of the Regulation.~~

2.7. Explanatory note

: This report describes the examination of the headlamp 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.
Front direction indicator	84-R6-00702/14-00
Front position lamp	84-R7-00703/14-00

2.8. Variants and components : Not applicable

2.9. Additional tests for adjustable reflectors : Not applicable

Adjusted to right hand side traffic

photometric test results (in cd)			
points on screen	vertically + 2°	vertically - 2°	required value
driving beam I _M	87946.8	88454.6	40500 ≤ I _M ≤ 215000
driving beam HV	85125.0	87937.5	≥ 0.8 × I _M
passing beam 75R/75L	14325.0	11912.5	≥ 10100
passing beam HV	602.2	483.6	≤ 625



Type : D44-1110 R/L P-NDEM2
 Manufacturer : DEPO AUTO PARTS INDUSTRIAL CO., LTD.

Adjusted to left hand side traffic

photometric test results (in cd)			
points on screen	vertically + 2°	vertically - 2°	required value
driving beam I _M	87580.6	90090.3	40500 ≤ I _M ≤ 215000
driving beam HV	84125.0	88375.0	≥ 0.8 × I _M
passing beam 75R-/ 75L	11712.5	10265.0	≥ 10100
passing beam HV	432.8	376.0	≤ 625

- 2.10. Lamps incorporating lenses of plastic material** : The lamp manufacturer proved that the product had already passed the tests prescribed in paragraphs 2.1.-2.5 of Annex 6 to this ECE-Regulation , or the equivalent tests pursuant to another Regulation.

With references to:

(for right hand side traffic)

Approval No. : E4-112R-0011317

Test report No. : 84-R112-01779/07

(for left hand side traffic)

Approval No. : E4-112R-0013166

Test report No. : 84-R112-00433/08

Those tests need not to be repeated. Only the tests prescribed in appendix 1, table B were conducted.



Type : D44-1110 R/L P-NDEM2
 Manufacturer : DEPO AUTO PARTS INDUSTRIAL CO., LTD.

- 2.10.1 Tests according to paragraph 2.6 of: The lens of sample No. 1 was conditioned in the complete lamp incorporating a accordance with the test described in paragraph 2.4.1. lens of plastic material

Adjusted to right hand side traffic

photometric test results after conditioning (in lux)		
point	illumination measured	illumination required
B50L	176.1	≤ 455.0
HV	543.7	≤ 812.5
75R	11937.5	≥ 9090.0

Adjusted to left hand side traffic

photometric test results after conditioning (in lux)		
point	illumination measured	illumination required
B50R	134.1	≤ 455.0
HV	413.4	≤ 812.5
75L	11062.5	≥ 9090.0

Test of adherence of coatings : The sample No. 2 complies with the requirements mentioned paragraph 2.5.



Type : D44-1110 R/L P-NDEM2
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. : D44-1110 R/L P-NDEM2-00 (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.

Shanghai, 2014/07/01
KWU/JYW



Expert Technical Service



Type : D44-1110 R/L P-NDEM2
Manufacturer : DEPO AUTO PARTS INDUSTRIAL CO., LTD.

List of modifications

Appendix 0

Correction of : --

Modification of : --

Addition of : --

Deletion of : --



Application Type: D44-1110 R/L P-NDEM2**First Application Date: June 19, 2014**

Application regulation:	ECE-R112-01 (class B for both traffic system), 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
Driving lamp	White	12V	55W	H7
Passing lamp	White	12V	55W	H7
Front direction indicator	Amber	12V	21W	PY21W
Function	Light Color	Rated Voltage	Rated Wattage	Non-Replaceable Light Source
Front position lamp	White	13.5V	3.5W	LED x 2

2. Construction and Material

Construction	Material	Remark
Outer lens	PC: GE LS2-111	Coating: UV HC-3000, colourless
Inner lens (Front position lamp)	PC	Colourless, light guides
Inner lens (Front direction indicator)	PC	
Inner lens (Passing lamp)	Glass	
Housing	Plastic	
Reflector (Passing lamp)	Metal	Aluminum vacuum coated
Reflector (Front direction indicator, Front position lamp)	Plastic	Aluminum vacuum coated
Frame	Plastic	

3. Measures according to paragraph 5.8.1. of R112: the principal passing lamp fulfills the requirements of the paragraph 5.8.2. of the Regulation without taking any measure.

4. 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\D44-1110N1-P, 00\D44-1110N2-P, 00\D44-1110N3-P,

5. The drawing number of the electrical related information: 00\D44-1110N4-P

6. Name and address of manufacturer:

DEPO AUTO PARTS INDUSTRIAL CO., LTD.

No. 20-3, Nanshi Ln., Tounan Vil.,

505 – Lugang Township, Changhua County, Taiwan, R.O.C.

7. Name and address of representative of manufacturer:

Not applicable

8. Remarks

Date: June 19, 2014

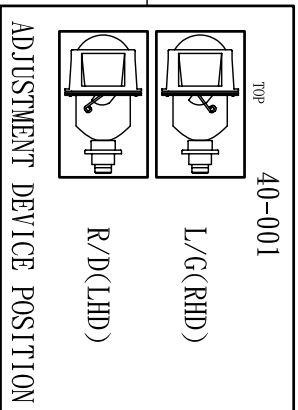
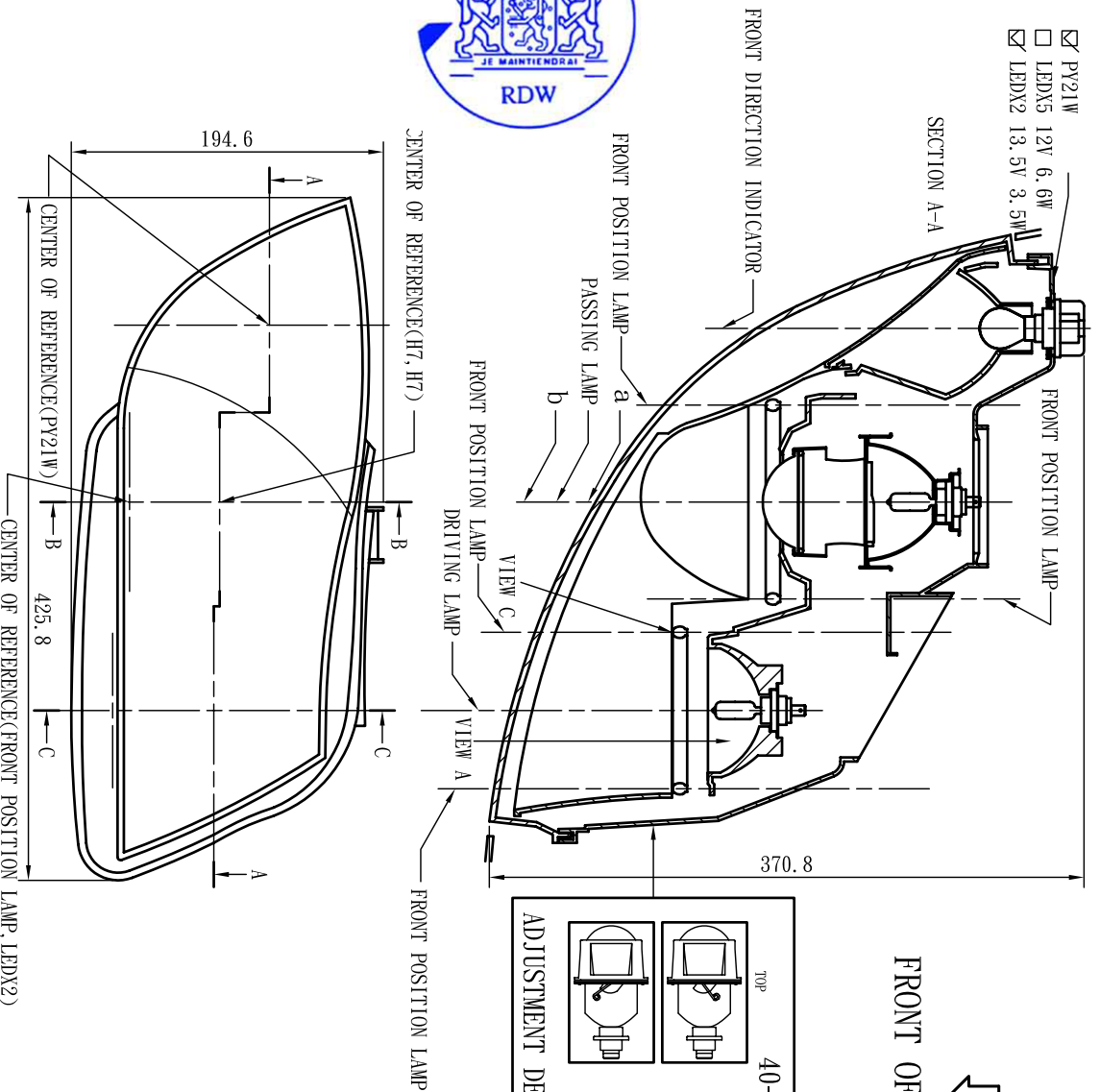
Place: Chang Hua

Person in charge: Chung-Neng Yang

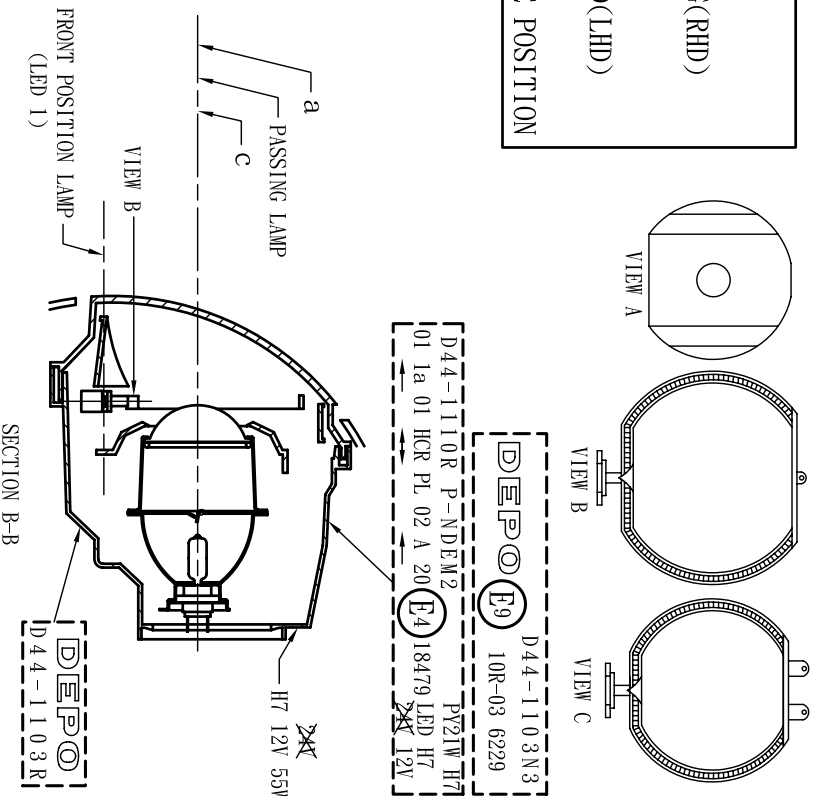




- PY21W
- LEDX5 12V 6.6W
- LEDX2 13.5V 3.5W



- 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

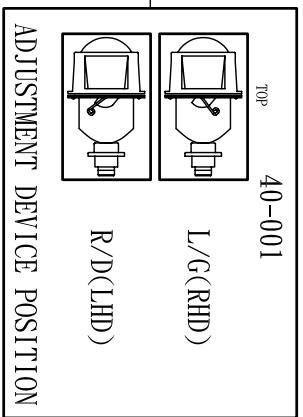
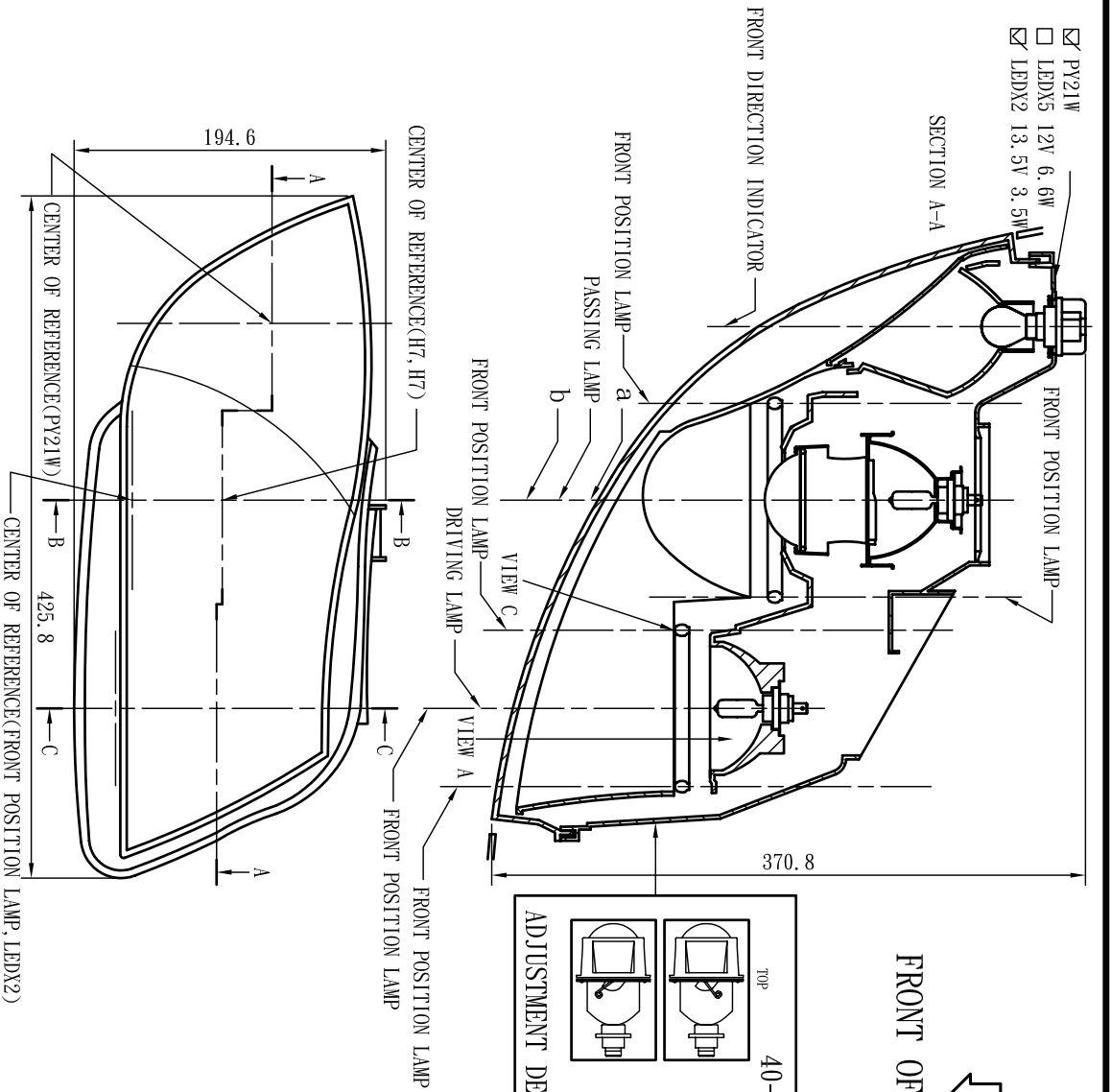
- a: AXIS OF REFERENCE
- b: LONGITUDINAL PLANE OF VEHICLE
- c: HORIZONTAL PLANE OF VEHICLE

版次	修改說明	日期	制訂	審查	核准

件號	名稱	材質	規格備註
D44-1110R-P-NDEM2			
製圖	黃慧中	2014/06/16	第三角法
設計	陳郁仁	比例	0.32 : 1
審核	楊志能	圖名	頭燈組立圖
許敘超		圖號	00\D44-1110N1-P

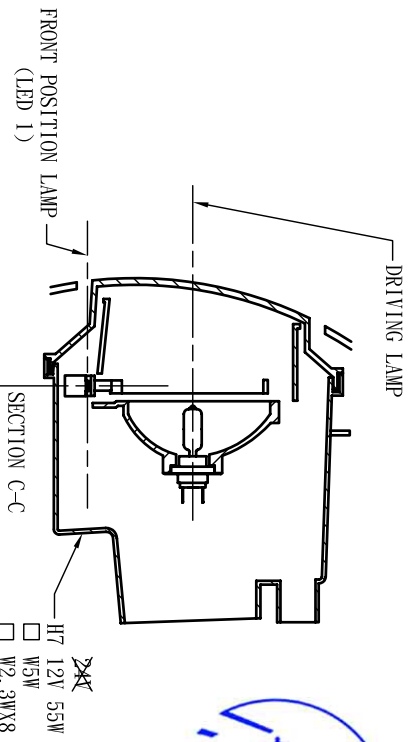
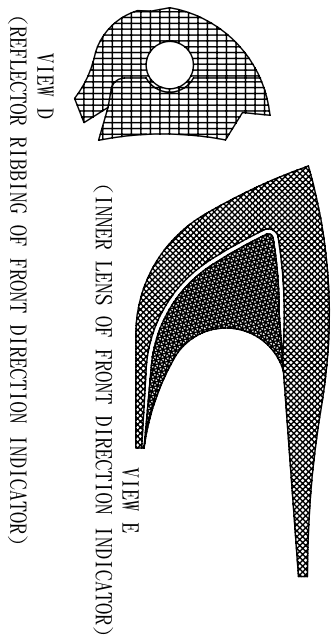
表單編號: MVR-F105

- PY21W
- LEDX5 12V 6.6W
- LEDX2 13.5V 3.5W



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.



機械加工一般尺寸公差表

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

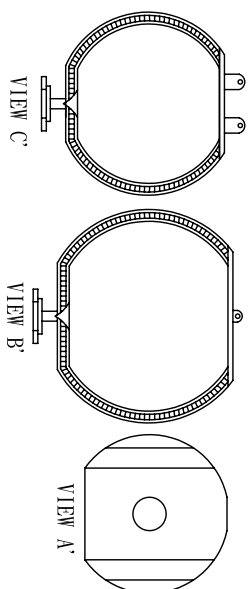
a: AXIS OF REFERENCE
 b: LONGITUDINAL PLANE OF VEHICLE
 c: HORIZONTAL PLANE OF VEHICLE

版次	修改說明	日期	制訂	審查	核准

D44-1110RP-NDEN2	名稱	材質	規格備註
件號	黃慧中	第三角法	
製圖	陳郁仁	比例	
設計	楊忠能	圖名	頭燈組立圖
審核	許敏超	圖號	00\D44-1110N2-P



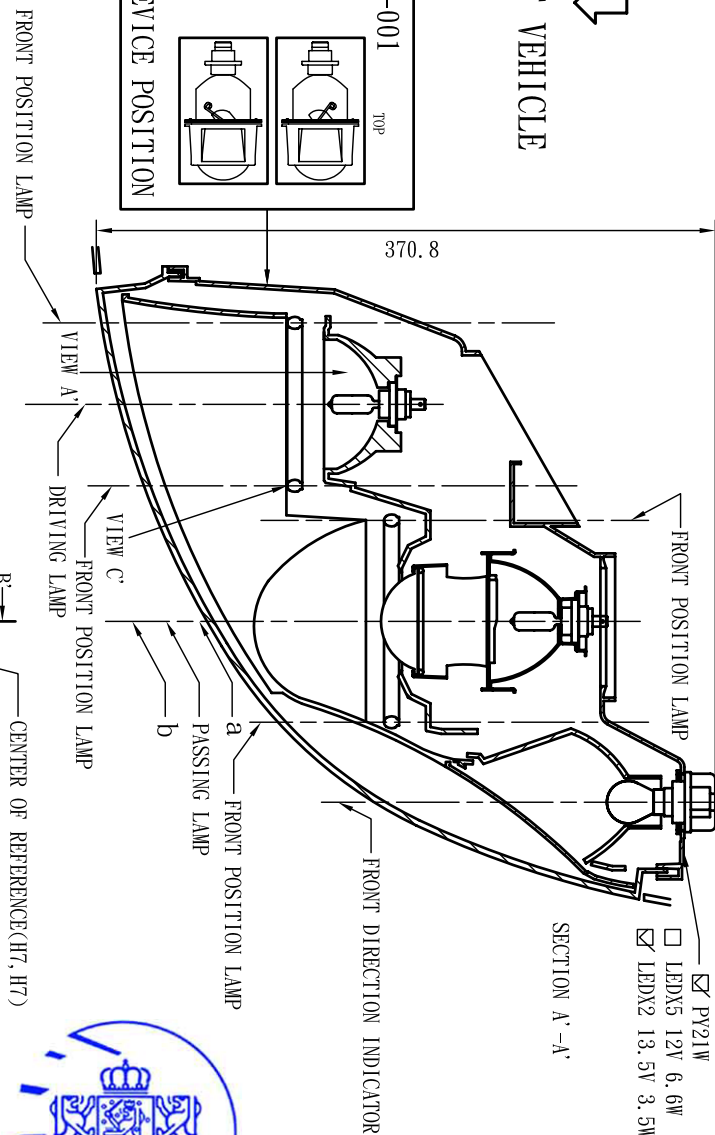
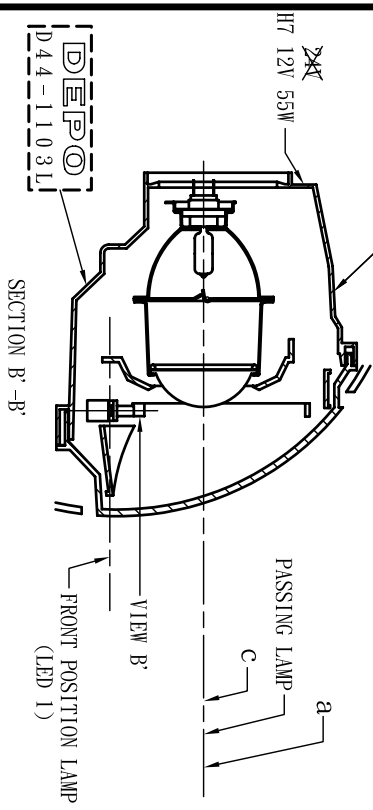
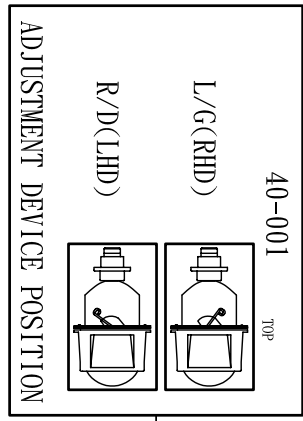
NOTE:
1. THIS DRAWING SHALL BE APPLIED FOR LEFT HAND.



D44-11103N3
10R-03 6229

D44-11101L P-NDEN2
02 A 01 HCR PL 01 1a 20 (E4) 18479 LHD H7
PY21W H7
H7 12V 55W

FRONT OF VEHICLE



CENTER OF REFERENCE (FRONT POSITION LAMP, LEDY2)

CENTER OF REFERENCE (PY21W)

機械加工一般尺寸公差表	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

D44-11101P-NDEN2		D44-11103N3	
件號	名稱	材料	規格備註
製圖	黃慧中	2014/06/16	第三角法
設計	陳郁仁	比例	0.32 : 1
審核	楊志能	圖名	頭燈組立圖
		圖號	00\D44-1110N3-P



