



GRAND-DUCHÉ DE LUXEMBOURG

Ministère du Développement durable
et des Infrastructures
Département des Transports

L-2938 Luxembourg

SOCIÉTÉ NATIONALE DE
CERTIFICATION ET D'HOMOLOGATION

s.à r.l.

Registre de Commerce: B 27180

L-5201 Sandweiler

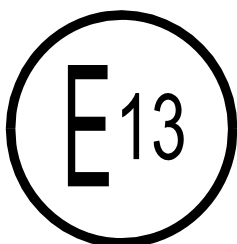


Référence: E13*98R00*98R00*13273*00

Annexes: - Rapport Technique
- Fiche de Renseignements du constructeur

Sandweiler, le 16 juin 2011

COMMUNICATION



concernant 2/: - DELIVRANCE D'UNE HOMOLOGATION
concerning 2/: APPROVAL GRANTED
- ~~EXTENSION D'HOMOLOGATION~~
APPROVAL EXTENDED
- ~~REFUS D'HOMOLOGATION~~
APPROVAL REFUSED
- ~~RETRAIT D'HOMOLOGATION~~
APPROVAL WITHDRAWN
- ~~ARRET DEFINITIF DE LA PRODUCTION~~
PRODUCTION DEFINITELY DISCONTINUED

d'un type de projecteur ou d'un système d'éclairage à répartition en application du Règlement N° 98
of a type of headlamp or of distributed lighting system pursuant to Regulation N° 98

Numéro d'homologation:
Approval number:

E13*98R00*98R00*13273*00

Marque d'homologation:
Approval mark:

refer to the manufacturer's information document

1. Marque de fabrique ou de commerce
du projecteur ou du système d'éclairage
à répartition:
Trade name or mark of headlamp or distributed
lighting system:

TYC

2. Désignation par le fabricant du
type de dispositif ou de système:
Manufacturer's name for the type of device or system:

20-B965/66

3. Nom et adresse du fabricant:
Manufacturer's name and address:

T.Y.C. BROTHER IND. CO., LTD.
72-2 Shin-Leh Rd.,
An-Ping Industrial District
Tainan, Taiwan, R.O.C

4. Nom et adresse du mandataire du
fabricant (le cas échéant):
If applicable, name and address of the
manufacturer's representative:

not applicable

5. **Dispositif soumis à l'homologation le:** 08.04. to 25.05.2011
Submitted for approval on:
6. **Autorité déléguée:** *Société Nationale de Certification et d'Homologation*
Assigned authority: *L-5201 Sandweiler*
- Service technique chargé des essais:** TÜV Rheinland Luxembourg GmbH
Technical service responsible for conducting approval tests: 2a, Kalchesbruck
L-1852 Luxembourg
7. **Date du procès-verbal d'essai:** 08.06.2011
Date of test report:
8. **Numéro du procès-verbal d'essai:** 84-R98-00034/11
Number of test report:
9. **Description sommaire:**
Concise description:
- 9.1. **Projecteur ou système soumis pour homologation comme étant du type: ^{3/}** DCR PL
Headlamp/system submitted for approval as type: ^{3/}
- 9.2. **La source lumineuse du feu-croisement peut/ne peut pas ^{2/} être allumée en même temps que la source lumineuse du feu-route et/ou d'un autre projecteur mutuellement incorporé.** may be lit
The passing beam light source may/~~may not~~^{2/} be lit simultaneously with the driving beam light source and/or another reciprocally incorporated headlamp.
- 9.3. **Tension nominale du dispositif:** 12V
The rated voltage of the device is:
- 9.4. **Catégorie(s) de source(s) lumineuse(s):** Passing lamp: One D1S
Category (or categories) of light source(s): Driving lamp: One D1S and one H1
- 9.5. **Appellation commerciale et numéro d'identification du (des divers) ballast(s) ou de l' (des) élément(s) du (des) ballast(s):** Trade name: PHILIPS
Trade name and identification number of separate ballast(s) or part(s) of ballast(s): Identification: XLD 145-00 9137 001 63203/6321400044794803
- 9.6. **La détermination du réglage de la ligne de coupure a été effectuée à: 2/** 10 m / ~~25 m~~
The adjustment of the cut-off has been determined at: 2/
- La détermination de la netteté minimale de la ligne de coupure a été effectuée: 2/** ~~10 m / 25 m~~
The determination of the minimum sharpness of the "cut-off" has been carried out at: 2/
- 9.7. **Nombre de modules DEL et code(s) d'identification propre(s) à ce ou ces modules:** not applicable
Number and specific identification code(s) of LED module(s):

- 9.8. **Système d'éclairage à répartition ayant une source lumineuse à décharge commune 2/:**
Distributed lighting system with one common gas-discharge light source 2/:
- oui / non
yes / no
- 9.9. **Remarques (le cas échéant):**
Remarks (if any):
- not applicable
- 9.10. **Mesures au titre du paragraphe 5.4. du présent Règlement:**
Measures according to paragraph 5.4. of this Regulation:
- not required
10. **Position de la marque d'homologation:**
Position of the approval mark:
- on the housing of the lamp
11. **Motif(s) de l'extension d'homologation (le cas échéant) :**
Reason(s) for extension (if applicable):
- not applicable
12. **Homologation 2/:**
Approval :
- accordée / étendue / refusée / retirée
granted / extended / refused / withdrawn
13. **Lieu:**
Place:
- Sandweiler
14. **Date:**
Date:
- 16 juin 2011
15. **Signature:**
Signature:

Pour le Département des Transports



Marco FELTES
Inspecteur Principal

Pour la SNCH



Claude LIESCH
Directeur



16. Est annexée la liste des pièces constituant le dossier d'homologation déposé au Service administratif ayant délivré l'homologation et pouvant être obtenu sur demande.

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

voir "INDEX DU DOSSIER D'HOMOLOGATION" ci-joint /
see "INDEX TO TYPE-APPROVAL REPORT"

2/ Biffer les mentions qui inutiles./ Strike out what does not apply.

3/ Indiquer le marquage adéquat choisi dans la liste ci-dessous :

Indicate the appropriate marking selected from the list below:

DC, DC/, DC/PL, DR, DCR, DC/R, DC PL, DR PL, DCR PL, DC/R PL,

DC, DCR, DC/R, DC/, DC PL, DCR PL DC/R PL, DC/PL,

→ → → → → → → →

DC, DCR, DC/R, DC/, DC PL, DCR PL, DC/R PL, DC/PL

↔ ↔ ↔ ↔ ↔ ↔ ↔ ↔



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L-5201 Sandweiler

Référence: E13*98R00*98R00*13273*00

Annexes: - Rapport Technique
- Fiche de Renseignements du constructeur

Sandweiler, le 16 juin 2011

Index du dossier d'homologation

Index to type-approval report

	Numéro d'homologation: Approval number:	E13*98R00*98R00*13273*00
	Révision: Revision:	00
	Marque de fabrique ou de commerce: Trade name or mark:	TYC
	Type: Type:	20-B965/66
1.	Procès-verbal d'essai: Test report:	N° 84-R98-00034/11
	- Test report:	Pages 1 to 11
	- Technical information:	Appendix L - Pages 12, 13
	- List of modifications:	Appendix 0 - Page 14
2.	Dossier du constructeur: Report of the manufacturer:	N° 20-B965/66-A1
	- Information folder:	Page 1
	- Drawings of the device:	N° 20B966-1002-0000-01 / 20B965-1002-0000-01
3.	Autres documents annexés: Other documents annexed:	not applicable
4.	Date de délivrance de l'homologation initiale: Date of issue of initial type approval:	16.06.2011
5.	Date de la dernière délivrance de pages révisées: Date of last issue of revised pages:	not applicable
6.	Date de la dernière délivrance d'une homologation révisée: Date of last extension:	not applicable

Manufacturer : T.Y.C. BROTHER INDUSTRIAL CO., LTD.
Type : 20-B965/66

TEST REPORT

according to ECE-Regulation

Uniform provisions concerning the approval of motor vehicle headlamps equipped with gas-discharge light sources

No.: **ECE-R98**

including all amendments until

No.: **00 series of amendments, suppl. 11**

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.

Manufacturer : T.Y.C. BROTHER INDUSTRIAL CO., LTD.
Type : 20-B965/66

0. General information

- 0.1. Trade mark or trade name of the lamp : TYC
- 0.2. Manufacturer's name for the type of the lamp : 20-B965/66
- 0.3. Name and address of the manufacturer : T.Y.C. BROTHER INDUSTRIAL CO., LTD.
No. 72-2, Shin-Leh Rd.,
An-Ping Industrial District,
Tainan, Taiwan, R.O.C.
- 0.4. Name and address of the manufacturer's authorised representative : Not applicable
- 0.5. No. of information document : 20-B965/66-A1
date of issue : April 8, 2011
date of last amendment : --

Manufacturer : T.Y.C. BROTHER INDUSTRIAL CO., LTD.
Type : 20-B965/66

1. Test object(s) and general test information

1.1. Test object(s)

- Identification no. : Not applicable
- Model : 20-B965/66
- Remark : Headlamp with/without principal passing lamp for right hand side traffic only, 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 : See Appendix L
- 1.2.4 Test site : T.Y.C. Brother Ind. Co., Ltd., Tainan, Taiwan
SUN-JET Integrative Services of Quality Assessment,
Taichung, Taiwan.
- 1.2.5 Remark : The results of the test refer exclusively to the objects mentioned under point 1.1. of this report.

Manufacturer : T.Y.C. BROTHER INDUSTRIAL CO., LTD.
Type : 20-B965/66

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.~~

2.2.1 Temperature : 25 °C

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

Space for the approval mark and for 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 lightsource(s) of the headlamp complies with the requirements as described in paragraph 5.8.

The light source(s) can fit easily into the headlamp. The 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 lamps 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 5.5.

Manufacturer : T.Y.C. BROTHER INDUSTRIAL CO., LTD.
Type : 20-B965/66

The headlamp is designed to meet the requirements of traffic moving on right side of the road only. 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 (left)	sample No. 2 (right)	illumination required
0.86D-1.72L	0.86D-1.72R	10.5	16.4	≥ 5.0
0.57U-3.43R	0.57U-3.43L	0.23	0.67	≤ 1.4

2.4. Intensity of the light after ignition

: The values in the following table were measured 4 seconds after the ignition of the gas discharged light.

		illumination (in lux)	
		measured value	limit value
Passing beam	50V (left side)	35.1	≥ 10
	50V (right side)	59.7	≥ 10

2.5. Photometric tests

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

2.5.1 Passing beam

: The instrumental method of Annex 10, paragraphs 2. and 3. of the Regulation was not applied.

The passing beam gives an adequate illumination without dazzle.

Illumination of the passing beam measured on the screen by means of an uncoloured standard (etalon) gas-discharged light source produces a light flux of 3200 lumens.

Manufacturer : T.Y.C. BROTHER INDUSTRIAL CO., LTD.
Type : 20-B965/66

Results of photometric tests of the passing beam

illumination produced on the screen in lux					
points or segments	right-hand side traffic	left-hand side traffic	sample No. 1 (left)	sample No. 2 (right)	Illumination required
	On and above line H/H2, or on and above line H/H3/H4		0.47	0.52	≤ 1
1	HV	HV	0.47	0.52	≤ 1
2	B50L	B50R	0.17	0.24	≤ 0.5
3	75R	75L	31.4	36.9	≥ 20
4	50L	50R	6.9	10.9	≤ 20
5	50V	50V	32.9	37.2	≥ 12
6	50R	50L	48.8	46.7	≥ 20
7	25 L1	25 R1	27.0	26.9	≤ 30
8	25 L2	25 R2	18.4	15.6	≥ 4
9	25 L3	25 R3	6.5	5.6	≥ 2
10	25 R1	25 L1	17.7	15.5	≥ 4
11	25 R2	25 L2	8.4	8.9	≥ 2
12	15 L	15 R	2.9	2.7	≥ 1
13	15 R	15 L	3.6	4.0	≥ 1
14	4U-8L	4U-8R	0.17	0.16	≤ 1
15	4U-V	4U-V	0.14	0.14	≤ 1
16	4U-8R	4U-8L	0.20	0.19	≤ 1
17	2U-4L	2U-4R	0.25	0.28	≤ 1
18	2U-V	2U-V	0.29	0.27	≤ 1
19	2U-4R	2U-4L	0.29	0.22	≤ 1
20	H-8L	H-8R	0.23	0.14	$1.0 \geq x \geq 0.1$
21	H-4L	H-4R	0.36	0.27	$1.0 \geq x \geq 0.2$
14+15+16			0.51	0.49	≥ 0.3
17+18+19			0.83	0.77	≥ 0.6
A to B	segment I	segment I	6.8	8.5	≥ 6
C to D	segment II	segment II	0.1	0.3	≤ 6
E to F	segment III and under	segment III and under	17.9	17.8	≤ 20
	E max R	E max L	57.0	56.2	≤ 70
	E max L	E max R	41.6	41.4	≤ 50

Manufacturer : T.Y.C. BROTHER INDUSTRIAL CO., LTD.
Type : 20-B965/66

2.5.2 Driving beam

:The driving beam is provided by ~~one~~two light sources (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

illumination produced on the screen in lux			
	sample No. 1 (left)	sample No. 2 (right)	illumination required
maximum illumination E_M	162.3	168.0	$70 \leq E_M \leq 180$
illumination at point of intersection (HV) of lines hh and vv	161.6	143.7	$\geq 0.8 \times E_M$
$I'_M = 0.208 \times E_M$	33.8	34.9	
rounded off to the reference mark of	37.5		
minimum illumination of any point on hh at a distance from HV			
1.125m	108.4	94.0	≥ 40
2.250m	52.3	45.4	≥ 10

Manufacturer : T.Y.C. BROTHER INDUSTRIAL CO., LTD.
Type : 20-B965/66

2.6. Stability of photometric performance of headlamps in operation

2.6.1. Stability of photometric performance

2.6.1.1 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 colour of the headlamp lens.

photometric test results (in lux)				
points on screen	initial	end of test	difference in %	allowable difference in %
driving beam E _M	168.00	162.40	-3.33	10
passing beam 50R	46.74	44.10	-5.65	10
passing beam B50L	0.24	0.23	-4.17	10
passing beam HV	0.52	0.50	-3.85	10

2.6.1.2 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. Annex 4.

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

Photometric test results (in lux)				
points on screen	initial	end of test	difference in %	allowable difference in %
driving beam E _M	168.00	157.30	-6.37	10
passing beam 50R	46.74	42.90	-8.22	10
passing beam B50L	0.24	0.22	-8.33	10
passing beam HV	0.52	0.48	-7.69	10

Manufacturer : T.Y.C. BROTHER INDUSTRIAL CO., LTD.
Type : 20-B965/66

2.6.2 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):

points on screen	sample no. 1	sample no. 2	maximum permissible
r_3	0.43	--	
r_{60}	0.79	--	
$\Delta r_1 = r_3 - r_{60} $	0.36	--	1.0

2.7. Coloured lenses, filters and filament lamps

The colouring beam is obtained through : Not applicable

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

2.8. 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.
--	--

2.9. Variants and components

: Not applicable

Manufacturer : T.Y.C. BROTHER INDUSTRIAL CO., LTD.
Type : 20-B965/66

2.10. Additional tests for adjustable reflectors : Not applicable

photometric test results (in lux)			
points on screen	vertically + 2°	vertically - 2°	required value
driving beam E _M	148.9	153.9	$70 \leq E_M \leq 180$
driving beam HV	140.3	140.2	$\geq 0.8 \times E_M$
passing beam 75R	35.3	31.4	≥ 20
passing beam HV	0.58	0.65	≤ 1

2.11. 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 5 to this ECE-Regulation, or the equivalent tests pursuant to another Regulation. With references to:
Approval No. : E13*98R00*98R00*12645*00
Test report No. : 84-R98-00406/09
Those tests need not to be repeated. Only the tests prescribed in appendix 1, table B were conducted.

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

photometric test results after conditioning (in lux)		
point	illumination measured	illumination permissible
B50L	0.23	≤ 0.65
HV	0.64	≤ 1.3
75R	30.5	≥ 18.0

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

Manufacturer : T.Y.C. BROTHER INDUSTRIAL CO., LTD.
Type : 20-B965/66

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

- L** **Technical information about the lamp type according to Annex 1 for the communication of the ECE certificate**
- 0** **List of modifications**
- 1** **Information document No.** : 20-B965/66-A1 (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.

Luxemburg, date see Appendix L
KWU/JYW



B.S.M.E. J. Wu

Manufacturer : T.Y.C. BROTHER INDUSTRIAL CO., LTD.
Type : 20-B965/66

Technical information about the lamp type according to
Annex 1 for the communication of the ECE certificate

Appendix L

- 1 Trade mark or trade name of the lamp : TYC
- 2 Manufacturers name for the type of lamp : 20-B965/66
- 3 Name and address of the manufacturer : T.Y.C. BROTHER INDUSTRIAL CO., LTD.
No. 72-2, Shin-Leh Rd.,
An-Ping Industrial District,
Tainan, Taiwan, R.O.C.
- 4 Name and address of manufacturer's authorised representative : Not applicable
- 5 Submitted for approval on : April 8 to May 25, 2011
- 7 Date of the test report issued by that service : June 8, 2011
- 8 Number of test report : 84-R98-00034/11
9. Brief description:
 - 9.1. Headlamp/system submitted for approval as type : DCR PL
 - 9.2. The passing beam light source may/may not be lit simultaneously with the driving beam light source and/or another reciprocally incorporated headlamp.
 - 9.3. The rated voltage of the device is : 12V
 - 9.4. Category (or categories) of light source(s) : Passing lamp: One D1S
Driving lamp: One D1S and one H1
 - 9.5. Trade name and identification number of separate ballast(s) or part(s) of ballast(s) : Trade name: PHILIPS
Identification: XLD 145-00 9137 001 63203/
6321400044794803
 - 9.6. The adjustment of the "cut-off" has been determined at : 10m/25m

Manufacturer : T.Y.C. BROTHER INDUSTRIAL CO., LTD.
Type : 20-B965/66

The determination of the minimum : ~~10m~~/25m
sharpness of the “cut-off” has been
carried out at

9.7 Number of specific identification : Not applicable
code(s) of LED module(s)

9.8. Distributed lighting system with : ~~Yes~~/no
one common gas-discharge light
source

9.9. Remarks(s) if any : --

9.10 Measures according to paragraph : Not required
5.4. of this Regulation

10 Position of approval mark : On the housing of the lamp

11 Reason(s) for extension : Not applicable

Manufacturer : T.Y.C. BROTHER INDUSTRIAL CO., LTD.
Type : 20-B965/66

List of modifications

Appendix 0

Correction of : --

Modification of : --

Addition of : --

Deletion of : --

Application Type: 20-B965/66**First Application Date: April 8, 2011**

Application regulation:	ECE-R98-00 (for right hand side traffic)
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1. Light Sources

Function	Light Color	Rated Voltage	Rated Wattage	Category (ECE-R37/99)
Driving lamp	White	12V	55/35W	H1/D1S
Passing lamp	White	12V	35W	D1S

2. Construction and Material

Construction	Material	Remark
Outer lens	PC(LEXAN LS-2)	Coating: HH9986-U-N3, colourless
Inner lens	Glass	Colourless
Reflector (1)	Metal	Aluminum vacuum coated (for D1S light source)
Reflector (2)	Plastic	Aluminum vacuum coated (for H1 light source)
Housing	Plastic	
Frame	Plastic	
Ballast	Trade Name: PHILIPS	Type: XLD 145-00 9137 001 63203/ 6321400044794803

REMARK: THE MAXIMUM VERTICAL ANGLES ABOVE AND BELOW THE NOMINAL POSITION (S) WHICH THE AIMING DEVICE CAN ACHIEVE: +3° (ABOVE NOMINAL POSITION) / -2.5° (BELOW NOMINAL POSITION)

3. Measures according to paragraph 5.4.1. of R98: the principal passing lamp fulfills the requirements of the paragraph 5.4.2. 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:

20B965-1002-0000-01, 20B966-1002-0000-01

6. The Headlamp is intended as replacement for fitting to the vehicle (Brand: FORD/ Model: FOCUS/ Year: 2008 ~)

5. Name and address of manufacturer:

T.Y.C. BROTHER INDUSTRIAL CO., LTD.

No. 72-2, SHIN-LEH RD., AN-PING INDUSTRIAL DISTRICT, TAINAN, TAIWAN, R.O.C.

6. Name and address of representative of manufacturer:

Not applicable

7. Remarks

Date: April 8, 2011

Place: Tainan, Taiwan, R.O.C.

Person in charge: Ms. Doris Lin

[illegible]

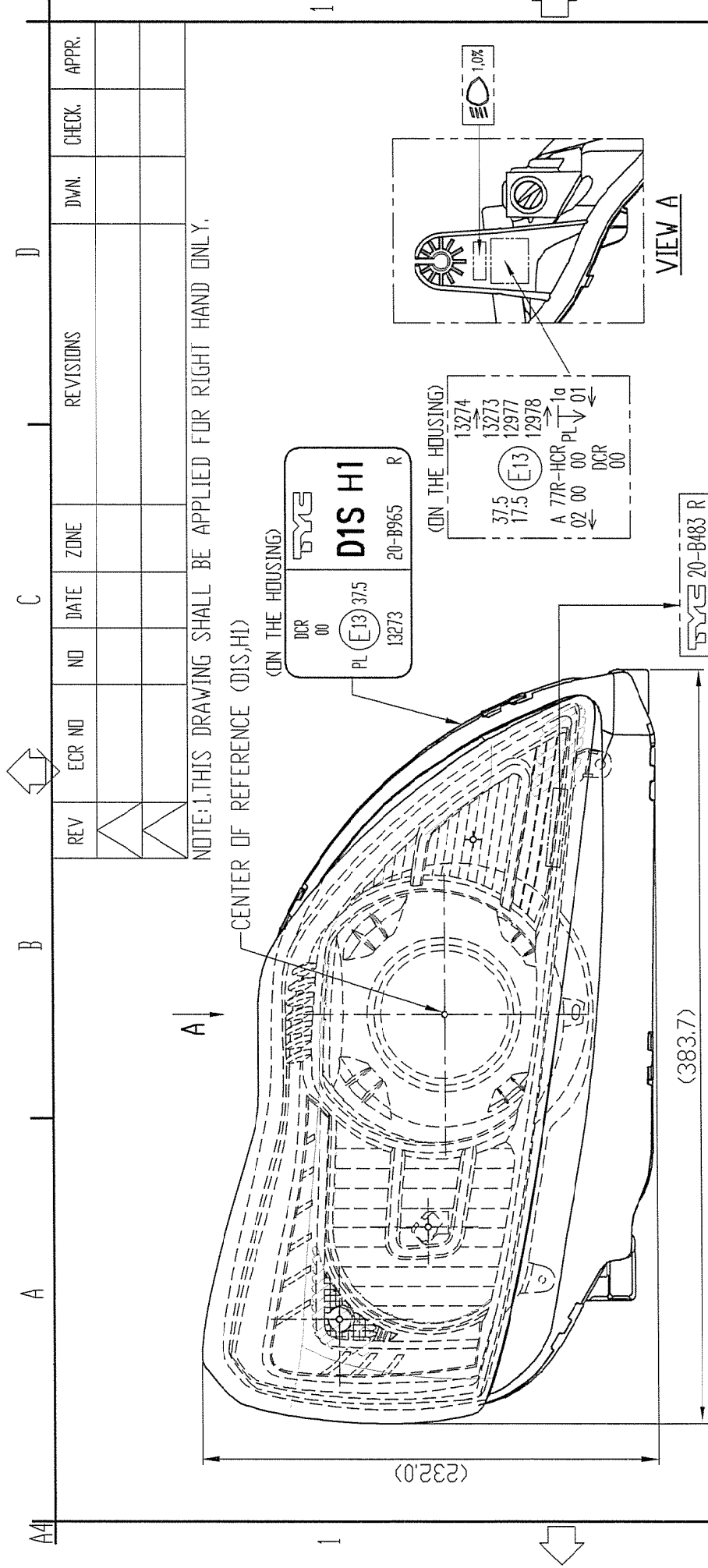


FIG	SYMBOL	CUSTOMER PART NO.	20-B965	0	APPRV	DRW	1	ECE
REPRESENTS	APPROVAL-USED	APPR.	PART NO.	REV.	PART NAME	MATERIAL	R L QTY	REMARK
NO DRAWINGS	APPR.	CHECKED	/	ORIGINATE	Lily Chiu	SCALE	NIL	UNIT
MARK OF MODIFICATION	DRAWING NAME	HEAD LAMP		DATE	18/APR/2011	DRAW NO. 20B965-1002-0000-01		
				CAD MODEL DATA				

TYC 提維西交通工業股份有限公司
TYC Brother Industrial Co., Ltd.