BRUXELLES MOBILITÉ
BRUSSEL MOBILITEIT
SERVICE PUBLIC RÉGIONAL DE BRUXELLES
GEWESTELIJKE OVERHEIDSDIENST BRUSSEL

Directie Verkeersveiligheid,Vooruitgangstraat 80 bus 1, 1035 Brussel
Direction Sécurité Routière, Rue du Progrès 80 boite 1, 1035 Bruxelles
homologation@sprb.irisnet.be

Index du dossier de réception d'une homologation par type en application d'un Règlement
Index to the information package of a type approval with regard to a Regulation

Dernière Série d'amende-ments applicable *Last applicable Series of amendments*	N° de la réception de base et mise à jour *Base approval and update No*	Extension N° *Extension No*	Révision N° *Revision No*	Date d'émission *Issue date*	Fiche de renseignements *Information document*	
					Référence *Reference*	Nombre de pages *Number of pages*
4-00	00	-	-	01.07.2016	LUCIDITY 26807 / 00	6

Vu pour être annexé à la fiche de réception,
Approved and to be attached to the approval certificate,
Le Directeur,
The Director,

Laurence LEROY

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COMMUNICATION CONCERNANT L'HOMOLOGATION D'UN TYPE DE DISPOSITIF D'ÉCLAIRAGE
COMMUNICATION CONCERNING THE APPROVAL OF A TYPE OF DEVICE FOR THE ILLUMINATION
DE LA PLAQUE ARRIÈRE D'IMMATRICULATION DES VÉHICULES À MOTEUR (À L'EXCEPTION DES
OF REAR REGISTRATION PLATES OF MOTOR VEHICLES (EXCEPT
MOTOCYCLES) ET DE LEURS REMORQUES EN APPLICATION DU RÈGLEMENT No 4
MOTOR CYCLES) AND THEIR TRAILERS PURSUANT TO REGULATION No. 4.

N° d'homologation : E6-4R-000134
Approval No.

Marque d'homologation :
Approval mark

L
00

0134

1. Marque de fabrique ou de commerce du dispositif : LUCIDITY
1. Trade name or mark of the device

2. Désignation du type de dispositif par le fabricant : 26807
2. Manufacturer's name for the type of device

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

Lucidity Enterprise Co., Ltd.
No. 18, Gongye 1st Road, Annan District,
70955 Tainan City,Taiwan R. O. C.

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

5. Dispositif soumis à l'homologation le : 23.05.2016 ~ 22.06.2016
5. Submitted for approval on

6. Service technique chargé des essais :
6. Technical service responsible for conducting approval tests

AIB VINCOTTE INTERNATIONAL
Jan Olieslagerslaan 35
1800 VILVOORDE
BELGIUM

7. Date du procès-verbal d'essai délivré par ce service : 01.07.2016
7. Date of test report issued by that service:

8. Numéro du procès-verbal d'essai délivré par ce service : H1660549761/161
8. Number of test report issued by that service:

9. Description sommaire : voir fiche de renseignements
9. Concise description : see information document

Dispositif destiné à l'éclairage [1] :
Device for illuminating [1]
~~d'une plaque haute~~
~~*a tall plate*~~
d'une plaque longue
a wide plate
~~d'une plaque pour tracteuragricole ou forestie~~
~~a plate for agricultural or forestry tractor~~

Nombre et catégories de lampe à incandescence : 4LEDs / 1 light source, 12V, 3.2W / 24V, 3.8W
Number and category(ies) of filament lamp(s)

Module d'éclairage : ~~oui~~ / non
Light source module : ~~yes~~ / no [1]

Code d'identification propre au module d'éclairage : -
Light source module specific identification code :

Conditions géométriques de montage (position(s) et inclinaison(s) du dispositif par rapport à l'emplacement occupé par la plaque d'immatriculation et/ou inclinaisons diverses de cet emplacement) : voir fiche de renseignements
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)

10. Position de la marque d'homologation : sur la lampe
10. Position of the approval mark : on the lamp

11. Motif(s) de l'extension d'homologation (le cas échéant) : -
11. Reason(s) for extension (if applicable)

12. Homologation accordée / ~~étendue~~ [1]
12. Approval granted / ~~extended~~ [1]

[1] Rayer les mentions inutiles - *Delete where not applicable*

13. Lieu : Bruxelles
13. Place

14. Date : 01.07.2016
14. Date

15. Signature :
15. Signature

AU NOM DU MINISTRE :
ON BEHALF OF THE MINISTER
Pour le Directeur Général,
For the Director General,
Le Directeur,
The Director,

BRUSSELS REGIONAL PUBLIC SERVICE - Brussels Mobility - Road Safety Directorate -

Laurence LEROY

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.
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.

AIB-VINÇOTTE International n.v.
Head office: Diamant Building – A. Reyerslaan 80 – B-1030 Brussels
Company number : BE 0462.513.222 – HRB : 621315 – Internet : www.vincotte.com
☑ Safety, quality and environmental services
ISO/IEC 17020 Accredited inspection body - Accreditation certificate BELAC No. 016-INSP

AUTOMOTIVE CERTIFICATION
Business Class Kantorenpark – Jan Olieslagerslaan 35 – B-1800 Vilvoorde
Telephone : +32 (0)2/674.58.85 – Fax : +32 (0)2/674.59.62
E-mail: homologation@vincotte.be

1. **SUBJECT** : **REAR REGISTRATION PLATE LAMPS** R4-00

2. **REF.** : Report number : **H1660549761/161** No. of pages : 1 of 11 No. of annexes : -
Bevasys : 201600388 Approval No. : (0134 00) Update : 00

3. **GENERALITIES** :

Make of Device : LUCIDITY

Commercial Type : -

Manufacturer's Type : 26807

Name and address of the manufacturer :
Lucidity Enterprise Co., Ltd.
No. 18, Gongye 1st Road, Annan District,
70955 Tainan City,Taiwan R. O. C.

4. **TESTS** : Date and place : 2016.05.23 to 2016.06.22
Lucidity Enterprise Co., Ltd – Photometric Laboratory
Applied document(s) : LUCIDITY 26807 / 00

AVI Inspector : LU Wan-Ching

Persons witnessing the tests : LU Wan-Ching

Location of E-mark : On the lamp

5. **CONCLUSIONS** :

The tests were carried out according to the following specifications :

- UNECE Regulation No. 4 incorporating supplement 16 to the original version.

The models presented comply with the requirements to be applied.

Date : 2016.07.01

Signature :

AIB-Vincotte International nv/sa
LU Wan-Ching
Automotive Certification

2BH/LWC-DM-DRO 24A-AC

DESCRIPTION OF THE TESTED REAR REGISTRATION PLATE LAMP

Rear registration plate lamp type : Rear registration plate lamp *
Intended for registration plate type : : ~~Tall plate~~ / wide plate / ~~plate for agricultural or forestry tractors~~
Category and kind of light source(s) : LED
Number of light source(s) : 4LEDs / 1 light source, 12V, 3.2W / 24V, 3.8W

** There are six kinds of installed angle. See drawing.*

GENERAL SPECIFICATIONS

Characteristics concerned and prescriptions to apply	References	Conformity	Not applicated
Each device shall satifsy the provisions of § 9 [1].			
The devices for the illumination of rear registration plates shall be so constructed that the whole surface of the plate will be visible within the angles given in Annex 4.	5.1.	X	
All measurements shall be made with the standard uncoloured or coloured light source of the category prescribed by the manufacturer, supplied with the voltage	5.2.		
(a) In the case of filament lamp(s), that is necessary to produce the reference luminous flux required for that category of filament lamp;			X
(b) In the case of LED light source(s) of 6.75 V, 13.5V or 28.0 V; the luminous flux value produced shall be corrected. The correction factor is the ratio between the objective luminous flux value and the value of the luminous flux found at the voltage applied.		X	
All measurements on the devices with non-replaceable light sources shall be made at 6.75 V, 13.5 V or 28.0 respectively.			
In the case of light sources supplied by a special power supply, the above test voltages shall be applied to the input terminals of that power supply. The test laoboratory may require from manufacturer the special power supply needed to supply the light sources.	5.3.		X
For any rear registration plate illuminating device, except those equipped with filament lamp(s), the luminance values measured after one minute and after 30 minutes of operation shall comply with the minimum requirements.	5.4.	X	
The luminance distribution after one minute of operation can be calculated by applying at each test point the ratio of luninance values measured in one point after one minute and after 30 minutes of operation.			

Characteristics concerned and prescriptions to apply	References	Conformity	Not applicated
In the case of light source modules, it shall be checked that:	5.5.		X
The design of the light source module(s) shall be such as:	5.5.1		
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 can not be interchanged within the same lamp housing.			
The light source module(s) shall be tamperproof.	5.5.2.		
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.	5.5.3.		
In the case of replaceable light source(s):	5.6		X
Any category or categories of light source(s) approved according to Regulation No. 37 and/or Regulation No. 128 may be used, provided that no restriction on the use is made in Regulation No. 37 and its series of amendments in force at the time of application for type approval.	5.6.1.		
The design of the device shall be such that the light source can be fixed in no other position but the correct one.	5.6.2.		
The filament lamp holder shall conform to the characteristics given in IEC Publication 60061. The holder data sheet relevant to the category of filament lamp used, applies.	5.6.3.		

[1] These specifications are such as to ensure good visibility if the inclination of the registration plate does not exceed 30° on either side of the vertical.

COLOUR OF LIGHT

Characteristics concerned and prescriptions to apply	References	Conformity	Not applicated
The light of the lamp used in the illuminating device must be sufficiently colourless not to cause any appreciable change in the colour of the registration plate	6.	X	

INCIDENCE OF THE LIGHT

Characteristics concerned and prescriptions to apply	References	Conformity	Not applicated
The manufacturer of the illuminating device shall specify one or more or a field of positions in which the device is to be fitted in relation to the space for the registration plate; when the lamp is placed in the position(s) specified by the manufacturer the angle of incidence of the light on the surface of the plate does not exceed 82° at any point on the surface to be illuminated, this angle being measured from the extremity of the device's illuminating device, the foregoing requirement shall apply only to that part of the plate intended to be illuminated by the device concerned. When the device has one outer edge of the illuminating surface that is parallel to the surface of the registration plate, the extremity of the illluminating surface of the device which is furthest from the surface of the plate is the middle point of the edge of the illuminating surface, which is parallel to the plate and is furthest from the surface of the plate. The device must be so designed that no light is emitted directly towards the rear, with the exception of red light if the device is combined or grouped with a rear lamp.	7.	X	

MEASURING PROCEDURE

Characteristics concerned and prescriptions to apply	References	Conformity	Not applicated
Luminance measurements shall be made on a diffuse colourless surface with known diffuse reflection factor [1]. The diffuse colourless surface shall have the dimensions of the registration plate or the dimension exceeding one measuring point. Its centre shall be placed in the centre of the positions of the measuring points. This diffuse colourless surface(s) shall be placed in the position normally occupied by the registration plate and 2 mm in front of its holder. Luminance measurements shall be made perpendicularly to the surface of the diffuse colourless surface with the tolerance of 5° in each direction at the points shown in Annex 3 to this Regulation, each point representing a circular area 25 mm in diameter. The measured luminance shall be corrected for the diffuse reflection factor 1.0.	8.	X	

[1] CIE Publication No. 17 - 1970, Paragraph 45-20-040

PHOTOMETRIC CHARACTERISTICS

Characteristics concerned and prescriptions to apply	References	Conformity	Not applicated
At each of the points of measurement shown in Annex 3, the illuminance B shall be at least equal to 2.5 cd/m². The gradient of the luminance between the values B_1 and B_2, measured at any two Points 1 and 2 selected from among those mentioned above, shall not exceed 2 x Bo/cm, Bo being the minimum luminance measured at the various points, that is to say : $\frac{B2 - B1}{\text{distance 1 - 2 in cm}} \leq 2 \text{ X Bo/cm}$	9.	X	

PHOTOMETRIC MEASUREMENTS OF LAMPS EQUIPPED WITH SEVERAL LIGHT SOURCES (ANNEX 5)

Characteristics concerned and prescriptions to apply	References	Conformity	Not applicated
The photometric performance shall be checked :	1.		
For non-replaceable light sources (filament lamps and other) :	1.1.	X	
with the light sources present in the lamp, in accordance with § 5.2.1. of this Regulation.			
For replaceable filament lamps	1.2.		X
when equipped with light sources at 6.75 V, 13.5 V or 28.0 V, the luminance values produced shall be corrected. For filament lamps the correction factor is the ratio between the reference luminous flux and the mean value of the luminous flux found at the voltage applied (6.75 V, 13.5 V or 28.0 V). For LED light sources the correction factor is the ratio between the objective luminous flux and the mean value of the luminous flux found at the voltage applied (6.75 V, 13.5 V or 28.0 V). The actual luminous fluxes of each light source used shall not deviate more than ± 5 % from the mean value. Alternatively and in case of filament lamps only a standard filament lamp may be used in turn, in each of the individual positions, operated at its reference flux, the individual measurements in each position being added together.			

FACILITIES AND EQUIPMENT

The facilities and equipment used to carry out the inspections are in compliance with the requirements of the applied Regulatory Act(s).

Tested by Lucidity Enterprise Co., Ltd – Photometric Laboratory

TEST RESULTS ：REAR REGISTRATION PLATE FOR WIDE PLATE

1. Light sources：4LEDs / 1 light source，Rated voltage and wattage：12V, 3.2W / 24V, 3.8W
2. This rear registration plate lamp mount position: Depth 0 mm & Height 70 mm
3. Angle of incidence of the light on the surface of the plate is 82.0°

Test Results of Photometric Measurement

Lamp function ： Rear registration plate lamp　　Test voltage ： 13.5 / 28 V

Requirement ： ECE Reg. 4 Para. 9　　Illuminated space ： 520×120 mm

Position on measuring screen	Requirement (cd/m^2)		Sample 1 (12V) Measurement (cd/m^2)		Sample 2 (24V) Measurement (cd/m^2)	
	Min	Max ($2 \times B_0$/cm)	1 Minute	30 Minutes	1 Minute	30 Minutes
Position 1	2.5	-	5.76	5.46	5.43	4.70
Position 2	2.5	-	20.09	19.04	18.63	16.13
Position 3	2.5	-	53.48	50.70	51.99	45.00
Position 4	2.5	-	46.84	44.40	47.25	40.90
Position 5	2.5	-	18.38	17.42	19.19	16.61
Position 6	2.5	-	4.81	4.56	5.15	4.46
Position 7	2.5	-	4.31	4.09	3.57	3.09
Position 8	2.5	-	12.55	11.90	11.62	10.06
Position 9	2.5	-	12.51	11.86	12.40	10.73
Position 10	2.5	-	12.04	11.41	12.32	10.66
Position 11	2.5	-	12.05	11.42	12.85	11.12
Position 12	2.5	-	3.69	3.50	3.48	3.01
Gradient	-	7.38 / 7.00 6.95 / 6.02	5.85	5.55	5.66	4.90
Test Results	■ Passed				□ Failed	

(Null below)

TEST RESULTS ：REAR REGISTRATION PLATE FOR WIDE PLATE

1. Light sources：4LEDs / 1 light source，Rated voltage and wattage：12V, 3.2W / 24V, 3.8W
2. This rear registration plate lamp mount position: Depth :6 mm & Height:70 mm
3. Angle of incidence of the light on the surface of the plate is 81.1°

Test Results of Photometric Measurement

Lamp function ： Rear registration plate lamp　　Test voltage ： 13.5 / 28 V

Requirement ： ECE Reg. 4 Para. 9　　Illuminated space ： 520×120 mm

Position on measuring screen	Requirement (cd/m^2)		Sample 1 (12V) Measurement (cd/m^2)		Sample 2 (24V) Measurement (cd/m^2)	
	Min	Max ($2 \times B_0$/cm)	1 Minute	30 Minutes	1 Minute	30 Minutes
Position 1	2.5	-	7.61	6.57	5.62	5.35
Position 2	2.5	-	17.91	15.46	18.94	18.03
Position 3	2.5	-	47.72	41.20	49.06	46.70
Position 4	2.5	-	42.86	37.00	43.70	41.60
Position 5	2.5	-	17.03	14.70	17.72	16.87
Position 6	2.5	-	7.11	6.14	5.29	5.04
Position 7	2.5	-	3.65	3.15	3.17	3.02
Position 8	2.5	-	12.08	10.43	12.21	11.62
Position 9	2.5	-	15.32	13.23	13.45	12.80
Position 10	2.5	-	15.25	13.17	13.59	12.94
Position 11	2.5	-	13.89	11.99	14.65	13.95
Position 12	2.5	-	4.15	3.58	3.56	3.39
Gradient	-	7.30 / 6.30 6.35 / 6.04	4.63	4.00	5.09	4.84
Test Results	■ Passed				□ Failed	

(Null below)

TEST RESULTS ：REAR REGISTRATION PLATE FOR WIDE PLATE

1. Light sources：4LEDs / 1 light source，Rated voltage and wattage：12V, 3.2W / 24V, 3.8W
2. This rear registration plate lamp mount position: Depth :6 mm & Height:90 mm
3. Angle of incidence of the light on the surface of the plate is 81.9°

Test Results of Photometric Measurement

Lamp function ： Rear registration plate lamp　　Test voltage ： 13.5 / 28 V

Requirement ： ECE Reg. 4 Para. 9　　Illuminated space ： 520×120 mm

Position on measuring screen	Requirement (cd/m^2)		Sample 1 (12V) Measurement (cd/m^2)		Sample 2 (24V) Measurement (cd/m^2)	
	Min	Max ($2 \times B_0$/cm)	1 Minute	30 Minutes	1 Minute	30 Minutes
Position 1	2.5	-	5.61	5.28	4.73	4.15
Position 2	2.5	-	14.20	13.36	15.80	13.86
Position 3	2.5	-	30.07	28.30	32.48	28.50
Position 4	2.5	-	27.20	25.60	29.29	25.70
Position 5	2.5	-	14.06	13.23	15.92	13.97
Position 6	2.5	-	5.20	4.89	4.76	4.18
Position 7	2.5	-	3.92	3.69	3.44	3.02
Position 8	2.5	-	10.06	9.47	10.33	9.06
Position 9	2.5	-	10.33	9.72	9.59	8.41
Position 10	2.5	-	10.27	9.67	9.60	8.42
Position 11	2.5	-	11.48	10.80	10.84	9.51
Position 12	2.5	-	3.34	3.14	3.48	3.05
Gradient	-	6.67 / 6.28 6.88 / 6.04	2.82	2.65	3.27	2.87
Test Results	■ Passed				□ Failed	

(Null below)

TEST RESULTS ：REAR REGISTRATION PLATE FOR WIDE PLATE

1. Light sources：4LEDs / 1 light source，Rated voltage and wattage：12V, 3.2W / 24V, 3.8W
2. This rear registration plate lamp mount position: Depth :10 mm & Height:29 mm
3. Angle of incidence of the light on the surface of the plate is 77.2°

Test Results of Photometric Measurement

Lamp function ： Rear registration plate lamp　　Test voltage ： 13.5 / 28 V

Requirement ： ECE Reg. 4 Para. 9　　Illuminated space ： 520×120 mm

Position on measuring screen	Requirement (cd/m^2)		Sample 1 (12V) Measurement (cd/m^2)		Sample 2 (24V) Measurement (cd/m^2)	
	Min	Max ($2 \times B_0$/cm)	1 Minute	30 Minutes	1 Minute	30 Minutes
Position 1	2.5	-	4.03	3.71	4.80	4.28
Position 2	2.5	-	22.05	20.30	19.19	17.11
Position 3	2.5	-	73.54	67.70	56.64	50.50
Position 4	2.5	-	64.63	59.50	50.02	44.60
Position 5	2.5	-	64.59	59.46	17.04	15.19
Position 6	2.5	-	3.96	3.65	4.41	3.93
Position 7	2.5	-	4.32	3.98	3.58	3.19
Position 8	2.5	-	11.30	10.40	10.95	9.76
Position 9	2.5	-	25.53	23.50	20.50	18.28
Position 10	2.5	-	24.01	22.10	20.50	18.28
Position 11	2.5	-	11.98	11.03	11.08	9.88
Position 12	2.5	-	4.42	4.07	3.82	3.41
Gradient	-	7.93 / 7.30 7.16 / 6.38	7.52	6.92	5.16	4.60
Test Results	■ Passed				□ Failed	

(Null below)

TEST RESULTS ：REAR REGISTRATION PLATE FOR WIDE PLATE

1. Light sources：4LEDs / 1 light source，Rated voltage and wattage：12V, 3.2W / 24V, 3.8W
2. This rear registration plate lamp mount position: Depth :80 mm & Height:70 mm
3. Angle of incidence of the light on the surface of the plate is 34.9°

Test Results of Photometric Measurement

Lamp function ： Rear registration plate lamp　　Test voltage ： 13.5 / 28 V

Requirement ： ECE Reg. 4 Para. 9　　Illuminated space ： 520×120 mm

Position on measuring screen	Requirement (cd/m^2)		Sample 1 (12V) Measurement (cd/m^2)		Sample 2 (24V) Measurement (cd/m^2)	
	Min	Max ($2 \times B_0$/cm)	1 Minute	30 Minutes	1 Minute	30 Minutes
Position 1	2.5	-	3.08	3.05	3.72	3.85
Position 2	2.5	-	3.99	3.95	5.48	5.67
Position 3	2.5	-	8.56	8.48	11.72	12.13
Position 4	2.5	-	8.25	8.17	11.22	11.61
Position 5	2.5	-	4.26	4.22	5.51	5.70
Position 6	2.5	-	3.14	3.11	3.27	3.38
Position 7	2.5	-	3.99	3.95	3.66	3.79
Position 8	2.5	-	5.97	5.91	7.29	7.54
Position 9	2.5	-	9.63	9.54	11.97	12.39
Position 10	2.5	-	9.86	9.76	12.21	12.64
Position 11	2.5	-	6.46	6.40	7.63	7.90
Position 12	2.5	-	3.40	3.37	3.86	4.00
Gradient	-	6.16 / 6.10 6.53 / 6.76	0.46	0.46	0.62	0.65
Test Results	■ Passed				□ Failed	

(Null below)

TEST RESULTS ：REAR REGISTRATION PLATE FOR WIDE PLATE

1. Light sources：4LEDs / 1 light source，Rated voltage and wattage：12V, 3.2W / 24V, 3.8W
2. This rear registration plate lamp mount position: Depth :80 mm & Height:90 mm
3. Angle of incidence of the light on the surface of the plate is 41.6°

Test Results of Photometric Measurement

Lamp function ： Rear registration plate lamp　　Test voltage ： 13.5 / 28 V

Requirement ： ECE Reg. 4 Para. 9　　Illuminated space ： 520×120 mm

Position on measuring screen	Requirement (cd/m^2)		Sample 1 (12V) Measurement (cd/m^2)		Sample 2 (24V) Measurement (cd/m^2)	
	Min	Max ($2 \times B_0$/cm)	1 Minute	30 Minutes	1 Minute	30 Minutes
Position 1	2.5	-	3.73	3.17	4.22	4.07
Position 2	2.5	-	5.80	4.93	7.03	6.78
Position 3	2.5	-	11.27	9.58	13.44	12.96
Position 4	2.5	-	10.84	9.21	12.85	12.39
Position 5	2.5	-	6.10	5.18	7.12	6.87
Position 6	2.5	-	3.74	3.18	3.78	3.65
Position 7	2.5	-	3.60	3.06	3.99	3.85
Position 8	2.5	-	7.01	5.96	7.78	7.50
Position 9	2.5	-	10.80	9.18	12.04	11.61
Position 10	2.5	-	11.14	9.47	12.26	11.82
Position 11	2.5	-	7.58	6.44	8.16	7.87
Position 12	2.5	-	4.08	3.47	4.34	4.19
Gradient	-	7.20 / 6.12 7.57 / 7.30	0.55	0.47	0.64	0.62
Test Results	■ Passed				□ Failed	

(Null below)

Lucidity Enterprise Co., Ltd.
No. 18, Gongye 1st Road, Annan District,
70955 Tainan City,Taiwan R. O. C.

REAR REGISTRATION PLATE LAMP

LUCIDITY 26807

Application: original
Date: January 08, 2016

Total number of pages: 6

AUTOMOTIVE certification
Business Class Kantorenpark
Jan Olieslagerslaan 35
B-1800 Vilvoorde
E-mail: homologation@vincotte.be
2016.07.01

Manufacturer name and address: Lucidity Enterprise Co., Ltd.
No. 18, Gongye 1st Road, Annan District,
70955 Tainan City,Taiwan R. O. C.

Trade name or mark : LUCIDITY

Type of device : 26807

SPECIFICATIONS

Function-Application-class category lamp and colour

Trade name or mark		**LUCIDITY**
Function		***Rear registration plate lamp*** [(1)]
ECE Regulation		04-00 Supplement 16
Class		-
Category		Wide plate
Number, category and kind of lamp source(s)		4LEDs / 1 light source
Voltage and wattage		12V, 3.2W / 24V, 3.8W
Lens	**Outer**	Clear
	Filter (Inner)	White
Colour of light emitted		White

[(1)] *There are six kinds of installation angles. See drawing.*

TECHNICAL DATA

Part		**Material**	**Remark**
Lens	**Outer**	PC	-
	Filter (Inner)	PC	-
Reflector		ABS	-
Housing		ABS	-

MARKING

Marking		**Location**
Trade name or mark	**LUCIDITY**	See drawing
Approval marks	**0134**	See drawing

VINÇOTTE
AUTOMOTIVE certification
Business Class Kantorenpark
Jan Olieslagerslaan 35
B-1800 Vilvoorde
E-mail: homologation@vincotte.be
2016.07.01

DRAWINGS	
Reference	**Version**
26807-V-5500-1	2016.05.25
26807-V-5500-2(1)	2016.05.25
26807-V-5500-3	2016.05.25

(Null below)

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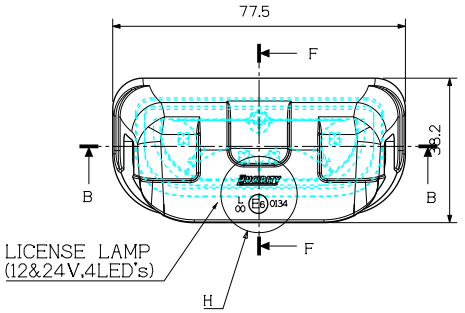
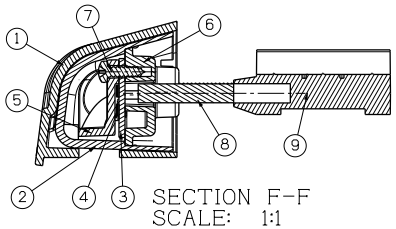
E-mail: homologation@vincotte.be

2016.07.01

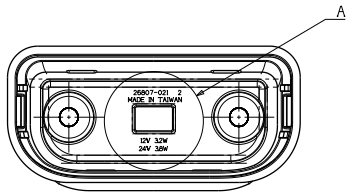
GENERAL TOLERANCE	
ASSEMBLY PARTS	
DIMENSION	TOLERANCE
≤100	±1
100<300	±2
300<1000	±3
1000<	±4
GENERAL TOLERANCES FOR NOMINAL DIMENSIONS WITHOUT SPECIFIED TOLERANCE	

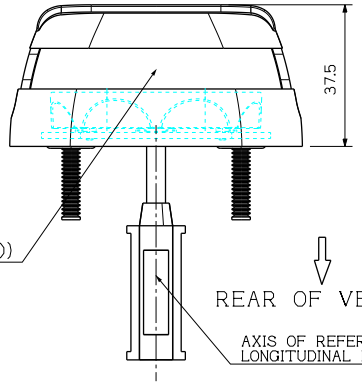
SYN	DATE	REVISIONS	3D	DESNR. BY	CHK. BY	APPR. BY

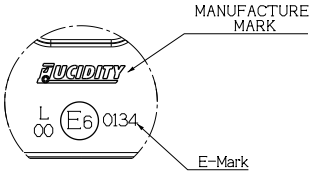




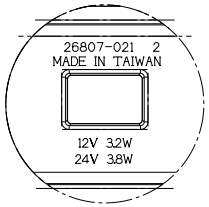
SECTION F-F
SCALE: 1:1



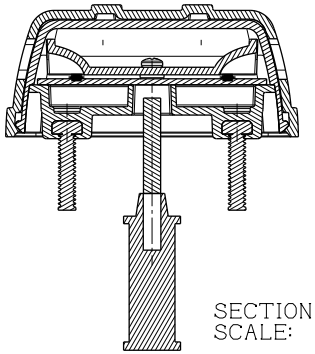




DETAIL H
SIZE: 2:1



DETAIL A
SIZE: 2:1


SECTION B-B
SCALE: 1:1

NOTE:

1.THIS DRAWING SHALL BE APPLIED FOR LEFT HAND AND THE RIGHT HAND SHALL BE THE SAME
2.THE BASE AND LENS ARE FIXED BY CLIP

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NO.	SPARE PARTS	MATERIAL & SPECFICATION	Q'TY	REMARKS
09	PRS PLUG		1	BLACK
08	ADR CABLE WIRE	PVC	1	BLACK : L=58CM
07	SCREW		1	Φ3X8mm
06	HOUSING	ABS	1	BLACK
05	REFLECTOR	ABS	1	
04	PCB	FR4	1	WHITE T=1.6mm
03	LED	SMD	3	WHITE
02	LENS	PC	1	CLEAR
01	COVER	ABS	1	BLACK

SCALE	1 : 1	APPR BY		DWG NAME	26807-V ECE APPROVED
FILE NAME	26807-V-5500-1	CHK BY		DWG NO.	26807-V-5500-1 SYM O
CUSTOM PART NO		DESNR BY	LEO		
3RD ANGLE		DRAWN BY	LEO	LUCIDITY®	LUCIDITY ENTERPRISE CO.,LTD. No. 18, Gongye 1st. Rd. Annan Dist., Tainan city, 70955, Taiwan
UNIT:MM		DWG DATE	05-25-16		

GENERAL TOLERANCE	
ASSEMBLY PARTS	
DIMENSION	TOLERANCE
≤100	±1
100<300	±2
300<1000	±3
1000<	±4
GENERAL TOLERANCES FOR NOMINAL DIMENSIONS WITHOUT SPECIFIED TOLERANCE	

SYN	DATE	REVISIONS	3D	DESNR. BY	CHK. BY	APPR. BY

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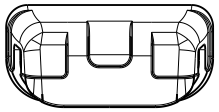
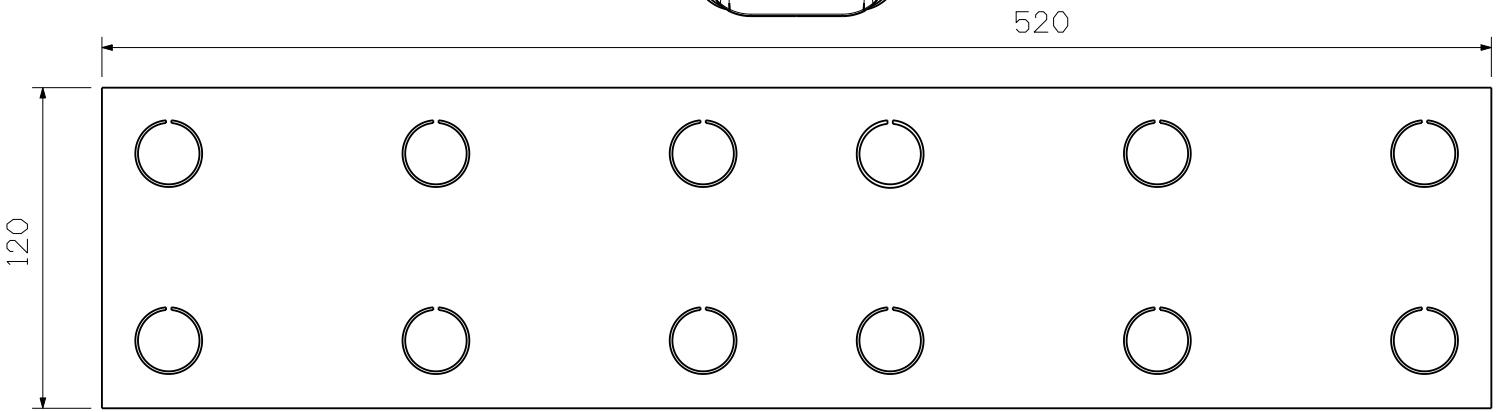
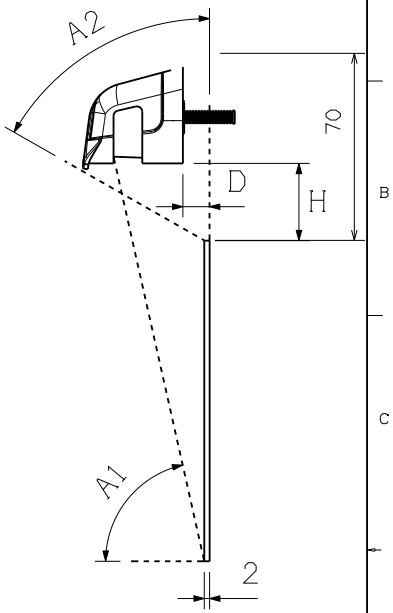
2016.07.01







NOTE:

1.THE BASE AND LENS ARE FIXED BY EPOXY

D	0mm	6mm	6mm	10mm	80mm	80mm
H	70mm	70mm	90mm	29mm	70mm	90mm
A1	82.0	81.1	81.9	77.2	34.9	41.6
A2	29.3	31.3	25.1	59.1	59.5	52.6

MAX INCIDENT ANGLE ≦ 82

MAX VISIBILITY ANGLE < 85

D (RANGE)	0 ≦ D ≦ 6 mm	6 < D < 80mm	10mm
H (RANGE)	70mm	70 ~ 90mm	29 ~ 90mm

1.THE DRAWING SHOW THE POSITION OF LICENSE PLATE
2.DEVICES FOR ILLUMINATING A WIDE PLATE (520x120mm)

NO.	SPARE PARTS	MATERIAL & SPECFICATION	Q'TY	REMARKS
09	PRS PLUG		1	BLACK
08	ADR CABLE WIRE	PVC	1	BLACK ; L=58CM
07	SCREW		1	ϕ3X8mm
06	HOUSING	ABS	1	BLACK
05	REFLECTOR	ABS	1	
04	PCB	FR4	1	WHITE T=1.6mm
03	LED	SMD	3	WHITE
02	LENS	PC	1	CLEAR
01	COVER	ABS	1	BLACK

SCALE	1 : 1	APPR BY		DWG NAME	26807-V ECE APPROVED
FILE NAME	26807-V-5500-2	CHK BY		DWG NO.	26807-V-5500-2(1) SYM 0
CUSTOM PART NO		DESNR BY	LEO		
3RD ANGLE		DRAWN BY	LEO		
UNIT:MM		DWG DATE	05-25-16	LUCIDITY®	LUCIDITY ENTERPRISE CO.,LTD. No. 18, Gongye 1st. Rd. Annan Dist., Tainan city, 70955, Taiwan