

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'amendements applicable <i>Last applicable Series of amendments</i>	N° de la réception de base et mise à jour <i>Base approval and update No</i>	Extension N° <i>Extension No</i>	Révision N° <i>Revision No</i>	Date d'émission <i>Issue date</i>	Fiche de renseignements <i>Information document</i>	
					Référence <i>Reference</i>	Nombre de pages <i>Number of pages</i>
65-00	00	-	-	22.09.2011	JULUEN MS6-XB1 / MR6-XB1 /00	7

Vu pour être annexé à la fiche de réception,
Approved and to be attached to the approval certificate,
L'Attaché,
The Attache,



ir. A. DESCAMPS

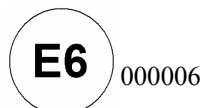
N° d'homologation mis à jour : <i>Updated Approval No</i>	E6-65R-000006	BEVASYS :	201105506
Mise à jour n° : <i>Update No</i>	00	Date d'émission : <i>Issue date</i>	22.09.2011
		P 1	



COMMUNICATION CONCERNANT L'HOMOLOGATION D'UN TYPE DE FEUX-SPECIAL D'AVERTISSEMENT
COMMUNICATION CONCERNING THE APPROVAL GRANTED OF A TYPE OF SPECIAL WARNING LAMP
POUR AUTOMOBILES, EN APPLICATION DU RÈGLEMENT No 65-00
FOR MOTOR VEHICLES, PURSUANT TO REGULATION No. 65-00

N° d'homologation : E6-65R-000006
Approval No.

Marque d'homologation :
Approval mark



1. Feu spécial d'avertissement / ~~tournant~~ / à ~~éclat stationnaire~~ / a éclat directionnel ~~rampe complète~~ / de couleur bleue / ~~de couleur jaune auto / rouge~~¹
1. *Special warning lamp / ~~rotating~~ / ~~stationary flashing lamp~~ / directional flashing lamp / ~~complete bar~~ / blue / ~~amber~~ / ~~red~~*¹
2. Le feu spécial d'avertissement a un / ~~deux~~ niveaux d'intensité¹
2. *Special warning lamp has one / ~~two~~ levels of intensity*¹
Le feu spécial d'avertissement est composé de 1 unité distincte
Special warning lamp consists of one separate units.
3. Pour les feux spéciaux d'avertissement ayant deux niveaux d'intensité système employé pour obtenir une intensité renforcée de jour : -
3. *For special warning lamps having two levels of intensity, indicate the system used to obtain increased intensity at daytime :-*
4. Source lumineuse utilisée,
4. *Used light source,*
 - ~~Catégorie de lampe à incandescence~~ ou ;
category of filament lamp or ;
 - ~~Source lumineuse à décharge...~~ ou ;
gas discharge light source or ;
 - Source lumineuse à DEL oui / ~~non~~¹ ou ;
LED yes / ~~no~~¹ or ;
- Module d'éclairage :* oui / non¹
Light source module: yes / no¹
- Code d'identification spécifique du module d'éclairage : -*
Light source module specific identification code:
5. Tension nominale de feu spécial d'avertissement : 12V / 24V ; 13.8W
5. *Rated voltage of special warning lamp :*
6. Marque ou désignation commerciale : AXIXTECH
6. *Trade name or mark :*

¹ Biffer les mentions qui ne conviennent pas - *Strike out what does not apply*

7. Nom et adresse du fabricant:
7. *Manufacturer's name and address :*
- JULUEN ENTERPRISE CO., LTD.
8F-1, No. 502, Da An Rd. Shulin District
Xinbei City, Taiwan
8. Le cas échéant, nom et adresse du représentant du fabricant : -
8. *If applicable, name and address of manufacturer's representative : .*
9. Présenté à l'homologation le: 28.07.2011 ~ 12.08.2011
9. *Submitted for approval on :*
10. Service technique chargé des essais d'homologation:
10. *Technical service responsible for approval tests :*
- AIB VINCOTTE INTERNATIONAL
Jan Olieslagerslaan 35
1800 VILVOORDE
11. Date du procès-verbal délivré par ce service : 22.09.2011
11. *Date of report issued by that service :*
12. Numéro du procès –verbal délivré par ce service : H1160302490/143
12. *Number of report issued by that service :*
13. L'homologation est accordée / étendue¹
13. *Approval granted / ~~extended~~¹*
14. Motif (s) de l'extension (le cas échéant) : -
14. *Reason(s) of extension (if applicable) :*

15. Lieu : Bruxelles
15. Place
16. Date : 22.09.2011
16. Date
17. Signature :
17. Signature

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



ir. A. DESCAMPS

18. On trouvera en annexe à la présente communication, la liste des pièces constituant le dossier d'homologation déposé auprès du Service administratif qui a accordé l'homologation; ces pièces peuvent être obtenues sur demande
18. *The list of documents filed with the Administrative Service which has granted approval and available on request is annexed to this communication.*



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

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 : SPECIAL WARNING LAMP**

R65-00

2. **REF. :** Report number : **H1160302490/143**

No. of pages : 1 of 12

No. of annexes : -

Bevasys : 201105506

Approval No. : (0006 00)

Update : 00

3. **GENERALITIES :**

Make of Device : AXIXTECH

Commercial Type : MS6
MR6

Manufacturer's Type : MS6-XB1 / MR6-XB1

Name and address of the manufacturer :

JULUEN ENTERPRISE CO., LTD.

8F-1, No. 502, Da An Rd. Shulin District

Xinbei City, Taiwan

4. **TESTS :** Date and place : 2011.07.28 to 2011.08.12

SUN-JET VISIBLE LIGHT LABORATORY

Applied document(s) : JULUEN MS6-XB1 / MR6-XB1 / 00

AVI Inspector : D. ROOSELEERS

Persons witnessing the tests : LU WAN CHING (SUN-JET)

Location of E-mark : On the lamp

5. **CONCLUSIONS :**

The tests were carried out according to the following specifications :

- UNECE Regulation No. 65 incorporating supplement 6 to the original version.

The models presented comply with the requirements to be applied.

Date : 2011.09.22

Signature :



nv AIB-VINÇOTTE INTERNATIONAL sa
Davy ROOSELEERS
Automotive Certification

DESCRIPTION OF THE TESTED SPECIAL WARNING LAMP

Special warning lamp type : ~~rotating/stationary flashing lamp~~/directional flashing lamp/~~complete bar~~
 Light emitted color : blue/~~amber/red~~
 Number of separate units : -
 Category and kind of light source(s) : LED
 Number of light source(s) : 6LEDs / 2 light sources
 Voltage and wattage : 12V / 24V ; 13.8W
 Light source module : ~~Yes~~ / No
 Light source module specific identification code : -

GENERAL SPECIFICATIONS

Characteristics concerned and prescriptions to apply	References	Conformity	Not applied
The special warning lamps must be so designed and constructed that in normal conditions of use, and notwithstanding the vibrations to which they may be subjected in such use, their satisfactory operation remains assured and they retain the characteristics prescribed by this Regulation.	5.1.	X	
The special warning lamps must be so designed and constructed that the relevant requirements with regard to voltage higher than 50 V are fulfilled.			
The special warning lamp shall be so designed that after it has been mounted correctly on the vehicle, no maladjustment is possible.	5.2.	X	
When a non-replaceable light source is used it shall be permanently fixed to the special warning lamp.	5.3.	X	
Light source module	5.4.		X
The design of the light source module(s) shall be such that even in darkness the light source module(s) can be fitted in no other position, but the correct one.	5.4.1.		
The light source module(s) shall be tamperproof.	5.4.2.		
In the case of a system that uses a special power supply, or a dedicated power supply, or light source control gear shall be part of special warning lamp.	5.5.		X
The frequency f , the "on" time t_H and the "off" time t_D shall correspond to the values indicated in the table in Annex 5 to this Regulation. They shall be measured at an ambient temperature of $+ 23^{\circ} C \pm 5^{\circ} C$ and with voltages at the terminals of the device which are between 90 per cent and 115 per cent of the rated voltage. Moreover, starting and correct functioning of the special warning lamp shall remain assured at temperatures between $- 20^{\circ} C$ and $+ 50^{\circ} C$ or if the special warning lamp is exposed to heavy rain, in accordance with the procedure described in Annex 4 to this Regulation. Under those conditions, one minute after a voltage equal to 90 per cent of the rated voltage has been applied, the frequency shall remain between 2 and 4 Hz.	5.6.	X	

Characteristics concerned and prescriptions to apply	References	Conformity	Not applicated
A rotating or flashing special warning lamp device of Category T may consist of more than one optical system. In this case the requirements of Annex 5 § 8 must be met. The lamp manufacturer must supply mounting information to ensure that the various units are correctly mounted on a vehicle.	5.7.		X

PHOTOMETRIC SPECIFICATIONS

Characteristics concerned and prescriptions to apply	References	Conformity	Not applicated
The special warning lamps shall comply with the conditions prescribed in Annex 5 to this Regulation.	6.	X	

CHECKING THE COLOUR OF THE SPECIAL WARNING LAMP

Characteristics concerned and prescriptions to apply	References	Conformity	Not applicated
<p>The colour shall comply with the colorimetric boundaries prescribed in Annex 3 to this Regulation.</p> <p>The colorimetric characteristics of the light emitted, expressed in CIE chromaticity co-ordinates, shall be evaluated using the light source as designed, working at the voltage as specified in § 4.2. in Annex 5 of this Regulation.</p> <p>In case of a special warning lamp employing a Xenon flash tube, as an alternative the chromaticity co-ordinates may be deduced from the spectral distribution of the transmission of the cover and the transmission or reflection of any other optical effective elements which could impair the colour of the special warning lamp. The calculation then shall be based on a luminous source with a relative spectral distribution as listed in Annex 6.</p>	7.	X	

TRICHROMATIC CO-ORDINATES FOR THE LIGHT EMITTED THROUGH THE AMBER OR BLUE FILTERS CONSTITUTING THE COVERS OF SPECIAL WARNING LAMPS (ANNEX 3)

Characteristics concerned and prescriptions to apply	References	Conformity	Not applied
<p>Under the conditions of § 7 of this Regulation, the trichromatic co-ordinates of light emitted through the filters used for special warning lamps shall lie within the following boundaries:</p> <p>1. Amber ¹</p> <p>limit towards green : $y \leq x - 0.120$</p> <p>limit towards red : $y \geq 0.390$</p> <p>limit towards white : $y \geq 0.790 - 0.670 x$</p> <p>2. Blue</p> <p>limit towards green : $y = 0.065 + 0.805 x$</p> <p>limit towards white : $y = 0.400 - x$</p> <p>limit towards purple : $y = 1.667x - 0.222$</p> <p>3. Red</p> <p>limit towards purple : $y \geq 0.980-x$</p> <p>limit towards yellow : $y \leq 0.335$</p>		<p>X</p>	<p>X</p>

¹ Corresponds to a specific part of the "yellow" zone of the triangle of CIE colours.

PROCEDURE FOR THE RAIN TEST (ANNEX 4)

Characteristics concerned and prescriptions to apply	References	Conformity	Not applicated
<p>A sample of the special warning lamp, fitted in its normal operating position, with all the drainage apertures open if they exist, shall be subjected to a precipitation of 2.5 mm of water per minute, the water being directed at an angle of 45° and from a nozzle producing a full conical jet.</p> <p>During the test, the device shall turn on its vertical axis at a rate of 4 turns per minute.</p> <p>The test shall last for 12 hours continuously after which the water jet shall be stopped.</p> <p>One hour later, the sample shall be examined and shall be regarded as having passed the test if the accumulated volume of water does not exceed 2 cm³.</p>			X

PHOTOMETRIC SPECIFICATIONS (ANNEX 5)

Characteristics concerned and prescriptions to apply	References	Conformity	Not applicated
<p>Measurements of the photometric characteristics shall be taken at a distance of at least 25 m.</p> <p>The angular diameter of the photoelectric receiver as seen from the special warning lamp shall be 10 minutes or arc maximum.</p> <p>The response time of the photometric system shall be adequate to the rising time of the signal to be measured.</p>	1.	X	
<p>For special warning lamps having one level of intensity (class1), the "by night" level shall apply.</p> <p>For special warning lamps having two levels of intensity (class 2), measurements shall be carried out for each of the two levels.</p> <p>The effective luminous intensities in various directions shall be as specified in the table below.</p>	2.	X	

Characteristics concerned and prescriptions to apply	References	Conformity	Not applied
<p>If a filament lamp is used that shall be a standard filament lamp as provided for in Regulation No. 37 corresponding to a lamp of the category specified for the special warning lamp.</p>	3.		X
<p>Light source conditions for test:</p>	4.		
<p>In the case of replaceable light sources a standard lamp shall be used.</p>	4.1.		X
<p>All measurements on lamps equipped with replaceable or non-replaceable light sources (filament lamps, gas discharge light sources and other) shall be made at 6.75 V, 13.5 V or 28.0 V, respectively.</p>	4.2.	X	
<p>In the case of a system that uses a special power supply, or a dedicated power supply, or light source control gear, the voltage declared by the manufacturer shall be applied to the input terminals of that power supply. Unless otherwise specified 6.75 V, 13.5 V or 28 V, as applicable shall be used.</p>			
<p>In the case of filament lamps it is allowed to make the measurements with a standard filament lamp at reference flux conditions nearly at 12 V and recalculate the measured values by a factor, which is determined with this standard filament lamp at 13.5 Volt, if applicable.</p>	4.3.		X
<p>For any lamp equipped with non-filament light source(s), the luminous intensities measured after one minute and after 30 minutes of operation shall comply with the minimum and maximum requirements. The luminous intensity distribution after one minute of operation can be calculated by applying the ratio achieved at HV between one minute and 30 minutes of operation.</p>	5.	X	
<p>If the emitted light of a special warning lamp consists of groups of several flashes, the time distance Δt between the immediately following flashes must be very short.</p>	6.		X
<p>If the peak to peak distance Δt is less or equal to 0.04 s, then the pluses in between are evaluated as one flash. If this distance Δt is longer only the flash with the highest peak intensity is valid. Moreover, the distance is limited depending on the ratio between the peak intensities of the flashes within a group (I_H = max. intensity of the highest peak, I_L = max. intensity of the lowest peak) as follows:</p>			
<p>in case Error! Bookmark not defined.</p> $\frac{I_H}{I_L} > 10 \text{ then } \Delta_t (s) \leq \frac{1}{3f}$			
<p>in case</p> $1 \leq \frac{I_H}{I_L} \leq 10 \text{ then } \Delta_t (s) \leq \frac{1}{f(5.5 - 0.25) \frac{I_H}{I_L}}$			

Characteristics concerned and prescriptions to apply	References	Conformity	Not applicated
<p>Frequency, time, and intensity of the emitted light</p> <p>The frequency, the "ON" time and the "OFF" time shall be as specified in the table shown in §7.1</p> <p>The effective luminous intensities (J_e) within the relevant vertical angles for a special warning lamp (Category T) shall be as specified in the table shown in §7.2.</p> <p>In the case of a special warning lamp device which is comprised of more than one separate unit, the geometrical arrangement(s) as installed at the vehicle seems to be acceptable, if the partial light distribution of each single separate unit is overlapping with each adjacent partial light distribution inside a horizontal angular range of 360° and in a vertical angular range as specified for the relevant category in a geometrical position corresponding to a distance of 20 m, from the vehicle on a vertical plane that is perpendicular to the longitudinal axis of the vehicle and located midway between the lamp units on a side of the vehicle.</p> <p>The effective luminous intensities in the reference axis for a directional flashing lamp (Category X) shall be as specified in the table shown in §7.3.</p> <p>Table of standard light distribution for special warning flash lamp (Category X)</p> <p>Minimum horizontal angular range of category "narrow angle effect" is 30° left to 30° right and for category "wide angle effect" 90° directed outwards the vehicle and 30° to the inside.</p> <p>The direction $H = 0^\circ$ and $V = 0^\circ$ corresponds to the reference axis. (On the vehicle it is horizontal, parallel to the median longitudinal plane of the vehicle and oriented in the required direction of visibility). It passes through the centre of reference. The values shown in the table give, for the various directions of measurements, the minimum intensities as a percentage of the minimum required in the axis for each lamp (in the direction $H = 0^\circ$ and $V = 0^\circ$).</p> <p>Within the field of light distribution of § 7.3.1. schematically shown as a grid, the light pattern should be substantially uniform, i.e. the light intensity in each direction of lowest minimum value being shown on the grid lines surrounding the questioned direction as a percentage.</p>	<p>7.</p> <p>7.1</p> <p>7.2.</p> <p>7.2.1.</p> <p>7.3.</p> <p>7.3.1.</p> <p>7.3.1.1.</p> <p>7.3.1.2.</p>	<p>X</p> <p>X</p> <p>X</p> <p>X</p> <p>X</p> <p>X</p> <p>X</p>	<p>X</p>

Characteristics concerned and prescriptions to apply	References	Conformity	Not applicated
<p>If two or more optical systems are integrated in one special warning lamp, this unit has to comply with the following requirements:</p> <p>Each optical system shall be in accordance with the requirements of this Annex within the horizontal angle which is not covered by one of the other optical systems. Furthermore, in each required direction at least one optical system shall be effective corresponding to the requirements of this Annex.</p> <p>If a special warning lamp contains two or more optical systems, all the optical systems shall work in phase. This applies only to each half of a complete "bar" which is designed to extend on the width of the vehicle.</p> <p>As long as the efficiency of the special warning lamp is to be secured all around the car a detection of the failure of a part of a special warning system shall exist on the car. If it is designed by the special warning lamp manufacturer this detection shall be checked during the approval procedure.</p>	<p>8.</p> <p>8.1.</p> <p>8.2.</p> <p>8.3.</p>		<p>X</p>

TEST RESULTS

Light sources : 6LEDs / 2 light sources , Rated voltage and wattage : 12V, 13.8W

Specification : Measure the effective luminous intensity J_e .

<u>Test Results of Photometric Measurement and Flash Characteristics Measurement</u>				
Lamp Function	: Blue Special Warning Lamp		Test Voltage	: 13.5 V
Category&Class	: XB1		Test Distance	: 25 m
Requirement	: ECE Reg. 65 Annex 5			
Effect	: Narrow Effect		Flash Mode	: Single Flash
By Day / By Night	: By Night		“ON” time t_H	: 0.1907 s
Frequency (f)	: 2.09 Hz		“OFF” time t_D	: 0.2882 s
Point on Measuring Screen	Requirement (cd)		MS6, Sample 1 Measurement (cd)	
	Min	Max	1 Minute	30 Minutes
8U - 10L	50	600	64.6	65.1
8U - 10R	50	600	67.3	67.8
6U - 20L	50	600	73.9	74.5
6U - V	75	600	86.6	87.3
6U - 20R	50	600	77.7	78.3
4U - 30L	20	300	46.9	47.3
4U - 10L	100	1500	113.0	113.9
4U - 10R	100	1500	120.3	121.3
4U - 30R	20	300	50.2	50.6
H - 30L	50	300	61.7	62.2
H - 20L	75	600	129.6	130.6
H - V	100	1500	147.1	148.3
H - 20R	75	600	131.8	132.9
H - 30R	50	300	67.2	67.7
4D - 30L	20	300	49.9	50.3
4D - 10L	100	1500	120.5	121.5
4D - 10R	100	1500	119.5	120.5
4D - 30R	20	300	49.7	50.1
6D - 20L	50	600	79.1	79.7
6D - V	75	600	87.4	88.1
6D - 20R	50	600	73.0	73.6
8D - 10L	50	600	65.2	65.7
8D - 10R	50	600	64.5	65.0
Test Results	<input checked="" type="checkbox"/> Passed		<input type="checkbox"/> Failed	

Test Results of Colour Measurement

Light Emitted Color : Blue

Color Boundaries

- Limit towards green : $y \leq 0.065 + 0.805 x$
- Limit towards white : $y \leq 0.400 - x$
- Limit towards purple : $y \geq 1.667 x - 0.222$

Test Points	Measurement (x, y)
Point 1	(0.1437, 0.0429)
Point 2	(0.1423, 0.0524)
Point 3	(0.1424, 0.0498)
Point 4	(0.1414, 0.0566)
Point 5	(0.1439, 0.0422)
Test Results	<input checked="" type="checkbox"/> Passed <input type="checkbox"/> Failed

TEST RESULTS

Light sources : 6LEDs / 2 light sources , Rated voltage and wattage : 24V, 13.8W

 Specification : Measure the effective luminous intensity J_e .

Test Results of Photometric Measurement and Flash Characteristics Measurement				
Lamp Function	: Blue Special Warning Lamp		Test Voltage	: 28 V
Category&Class	: XB1		Test Distance	: 25 m
Requirement	: ECE Reg. 65 Annex 5			
Effect	: Narrow Effect		Flash Mode	: Single Flash
By Day / By Night	: By Night		“ON” time t_H	: 0.1917 s
Frequency (f)	: 2.07 Hz		“OFF” time t_D	: 0.2896 s
Point on Measuring Screen	Requirement (cd)		MS6, Sample 2 Measurement (cd)	
	Min	Max	1 Minute	30 Minutes
8U - 10L	50	600	68.4	68.3
8U - 10R	50	600	67.2	67.1
6U - 20L	50	600	78.3	78.2
6U - V	75	600	89.3	89.2
6U - 20R	50	600	77.7	77.6
4U - 30L	20	300	54.1	54.0
4U - 10L	100	1500	122.1	122.0
4U - 10R	100	1500	120.8	120.7
4U - 30R	20	300	48.8	48.8
H - 30L	50	300	68.1	68.0
H - 20L	75	600	130.8	130.7
H - V	100	1500	143.2	143.1
H - 20R	75	600	127.1	127.0
H - 30R	50	300	62.7	62.6
4D - 30L	20	300	49.2	49.2
4D - 10L	100	1500	116.3	116.2
4D - 10R	100	1500	113.1	113.0
4D - 30R	20	300	48.6	48.6
6D - 20L	50	600	73.6	73.5
6D - V	75	600	86.4	86.3
6D - 20R	50	600	76.6	76.5
8D - 10L	50	600	65.7	65.6
8D - 10R	50	600	65.1	65.0
Test Results	<input checked="" type="checkbox"/> Passed		<input type="checkbox"/> Failed	

Test Results of Colour Measurement

Light Emitted Color : Blue

 Color Boundaries - Limit towards green : $y \leq 0.065 + 0.805 x$
 - Limit towards white : $y \leq 0.400 - x$
 - Limit towards purple : $y \geq 1.667 x - 0.222$

Test Points	Measurement (x, y)
Point 1	(0.1423, 0.0506)
Point 2	(0.1434, 0.0465)
Point 3	(0.1418, 0.0544)
Point 4	(0.1416, 0.0537)
Point 5	(0.1428, 0.0476)
Test Results	<input checked="" type="checkbox"/> Passed <input type="checkbox"/> Failed

Test Results of Temperature Measurement

Lamp Function : Amber Special Warning Lamp

Requirement : ECE Reg. 65 Para 5.6

Test Requirement : The special warning lamp shall remain assured at temperatures between - 20 °C and + 50 °C. Under the condition, one minute after a voltage equal to 90 percent of the rated voltage has been applied, the frequency shall remain between 2 and 4 Hz.

Flash frequency measurement within temperature test :

Test sample	Temperature (°C)	Requirement (Hz)	Measurement (Hz)
MS6, Sample 2	-20	2.0 ~ 4.0	2.06
	50		2.06
Test Results	<input checked="" type="checkbox"/> Passed <input type="checkbox"/> Failed		

JULUEN ENTERPRISE CO., LTD.
8F-1, No. 502, Da An Rd. Shulin District
Xinbei City, Taiwan



SPECIAL WARNING LAMP

AXIXTECH MS6-XB1 / MR6- XB1

Application: original
Date: August 26, 2011

Total number of pages: 7

Manufacturer name and address: JULUEN ENTERPRISE CO., LTD.
8F-1, No. 502, Da An Rd. Shulin District
Xinbei City, Taiwan

Trade name or mark : AXIXTECH

Type of device : MS6-XB1 / MR6-XB1

SPECIFICATIONS

Function-Application-class category lamp and colour



AUTOMOTIVE certification
 Business Class Kantorenpark
 Jan Olieslagerslaan 35
 B-1800 Vilvoorde
 E-mail: homologation@vincotte.be
 2011.09.22

Trade name or mark	<i>AXIXTECH</i>	
Function	<i>Special warning lamp</i>	
ECE Regulation	65-00 Supplement 6	
Levels of intensity (Class)	Class 1	
Category	Directional / Rotating / stationary flashing	
Number, category and kind of light source(s)	6LEDs / 2 light sources	
Voltage and wattage	12V / 24V ; 13.8W	
Lens	Outer	Clear
	Filter (Inner)	Clear
Colour of light emitted	Amber / Red / Blue	
Type of device base	For MS6-XB1, there are MS6BS and MS6BH two base types. For MR6-XB1, there are MR6BS and MR6BH two base types.	

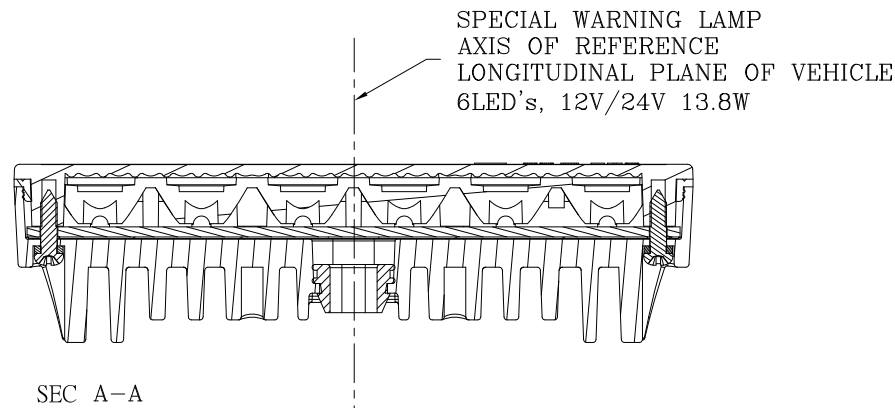
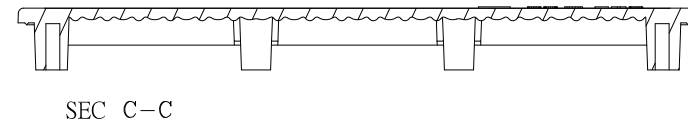
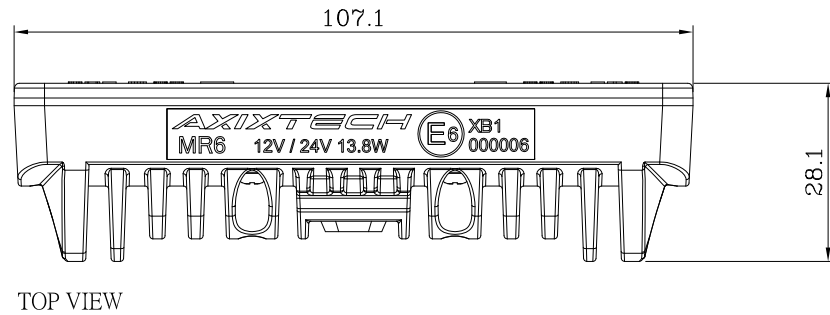
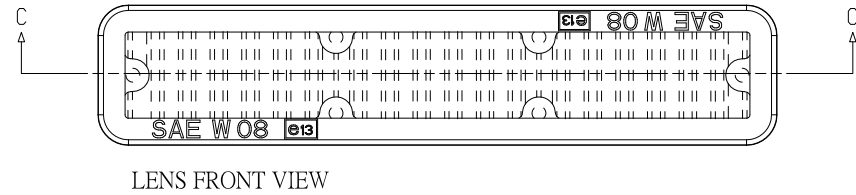
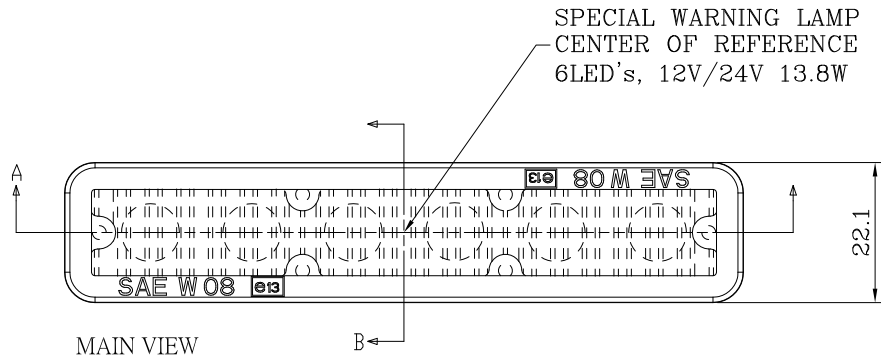
TECHNICAL DATA

Part	Material	Remark
Lens	Outer	PC (polycarbonate)
	Filter (Inner)	PC (polycarbonate)
Reflector	-	-
Housing	Aluminum	ADC12

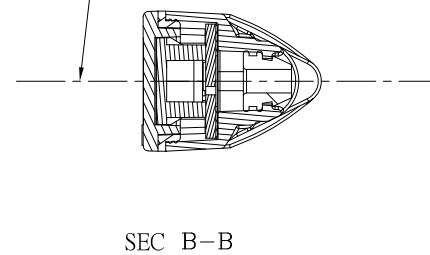
⁽¹⁾The base material of lens: Type number is LEXAN LS2 from Sabic Innovative Plastics.

MARKING

Marking		Location
Trade name or mark	AXIXTECH	See drawing
Approval marks	0006	See drawing



SPECIAL WARNING LAMP
 AXIS OF REFERENCE
 HORIZONTAL PLANE OF VEHICLE
 6LED's, 12V/24V 13.8W



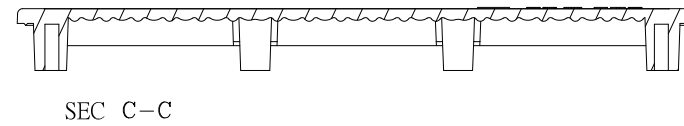
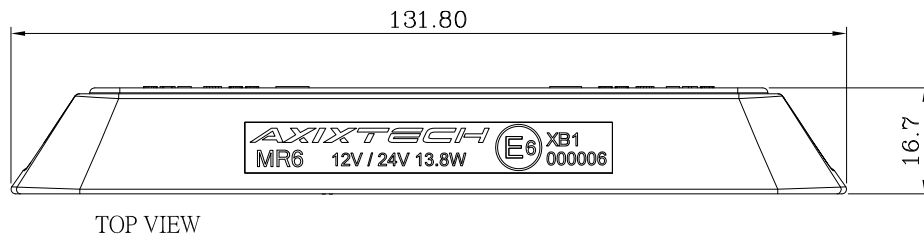
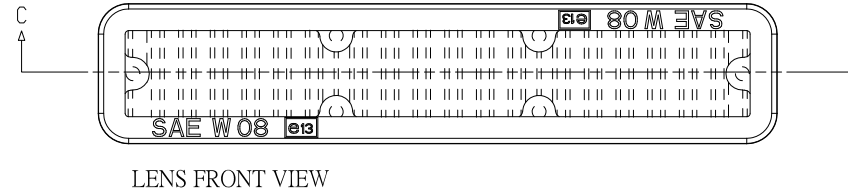
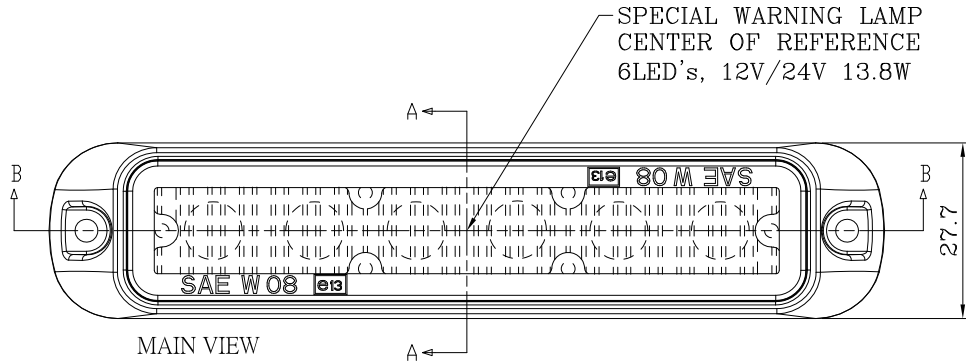
- Note :
1. This drawing shall be applied for type of device : MR6-XB1, the base type is MR6BH.
 2. Lens and Base are secured with screws.
 3. Lens and Collimator material (Polycarbonate), Base material (Die Cast Aluminum ADC12).

JULUEN Enterprise Co., Ltd.

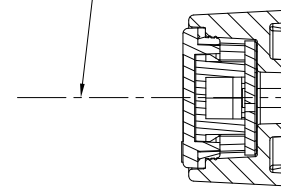
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ITEM	Modify	Date	Common Allowance			TITLE	MR6BH		
			A grade	B grade	C grade	DWG NO.	MR6BH-R65-MARK-B	REV	A
DIM						MATERIAL		QT'Y	I
0~16			±0.1	±0.3	±1.0	UNIT	mm	SCALE	1/1
16~63			±0.2	±0.5	±1.5	APPROVAL	DATE	CHECK	DATE
63~250			±0.3	±0.8	±2.0	OSCAR	20110915		
250~500			±0.5	±1.2	±3.0	DESIGNER	Kevin	DATE	20110914
						PROJECTION			

POINT/DIM

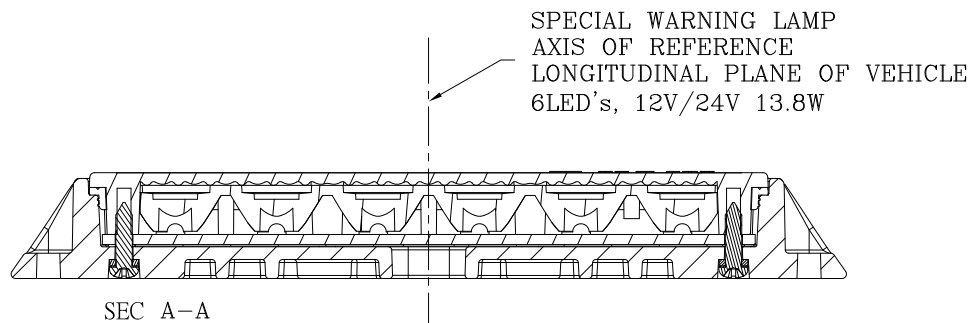


SPECIAL WARNING LAMP
 AXIS OF REFERENCE
 HORIZONTAL PLANE OF VEHICLE
 6LED's, 12V/24V 13.8W



Note :

1. This drawing shall be applied for type of device : MR6-XB1, the base type is MR6BS.
2. Lens and Base are secured with screws.
3. Lens and Collimator material (Polycarbonate), Base material (Die Cast Aluminum ADC12).



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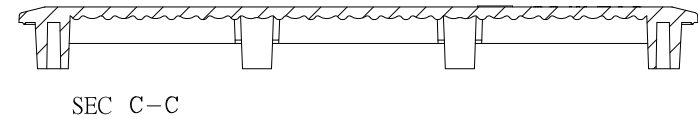
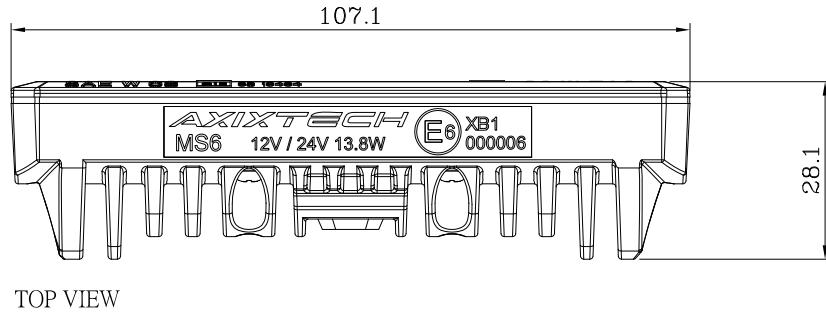
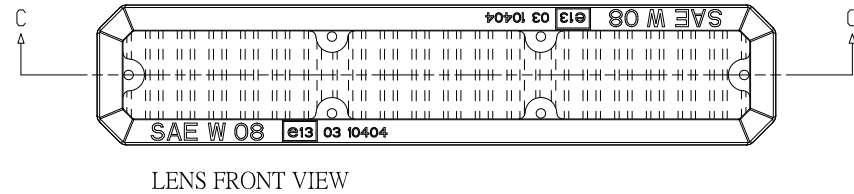
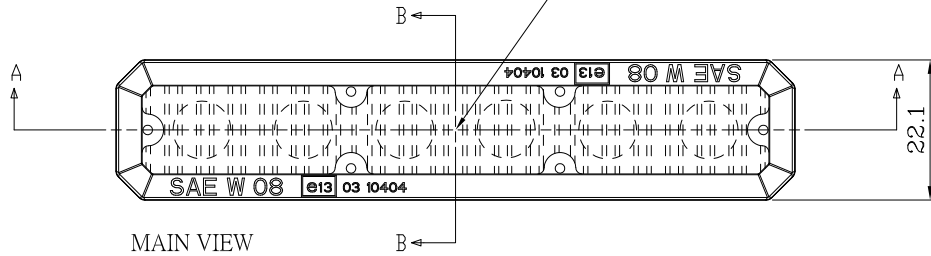
ITEM	Modify	Date	Common Allowance			TITLE				
			DIM	A grade	B grade	C grade	MR6BS	REV	A	
			0-16	±0.1	±0.3	±1.0	DWG NO.	MR6BS-R65-MARK-B	OT'Y	I
			16 ~ 63	±0.2	±0.5	±1.5	MATERIAL			
			63 ~ 250	±0.3	±0.8	±2.0	UNIT	mm	SCALE	1/1
			250 ~ 500	±0.5	±1.2	±3.0	APPROVAL	OSCAR	DATE	20110915
							CHECK	DATE	DESIGNER	Reviv
							DATE	20110914	PROJECTION	

POINT/DIM

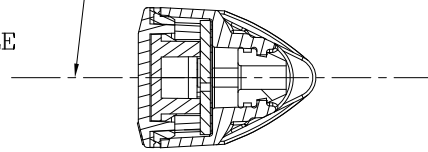


AUTOMOTIVE certification
 Business Class Kantorenpark
 Jan Olieelagerlaan 35
 B-1800 Vilvoorde
 E-mail: homologation@vincotte.be
 2011.09.22

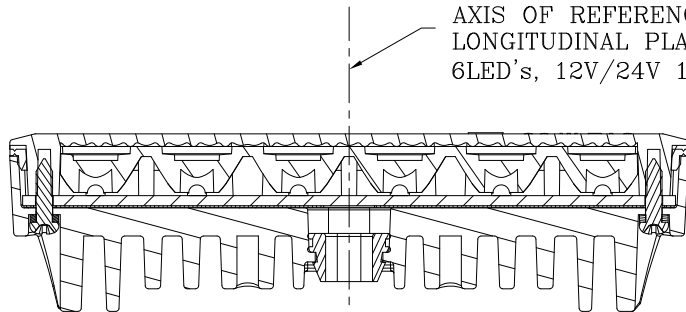
SPECIAL WARNING LAMP
 CENTER OF REFERENCE
 6LED's, 12V/24V 13.8W



SPECIAL WARNING LAMP
 AXIS OF REFERENCE
 HORIZONTAL PLANE OF VEHICLE
 6LED's, 12V/24V 13.8W



SPECIAL WARNING LAMP
 AXIS OF REFERENCE
 LONGITUDINAL PLANE OF VEHICLE
 6LED's, 12V/24V 13.8W



Note :

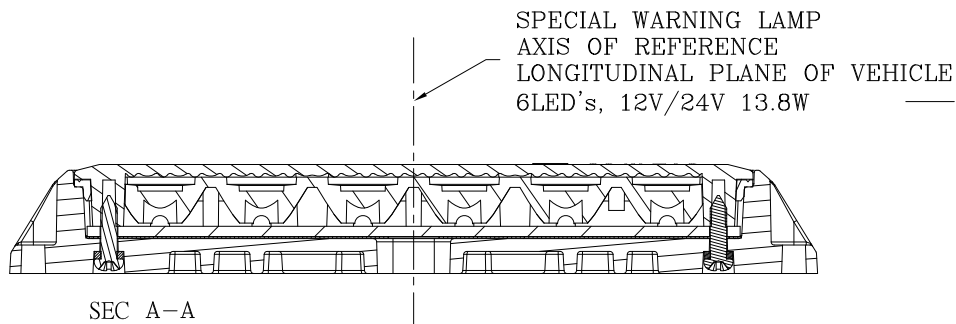
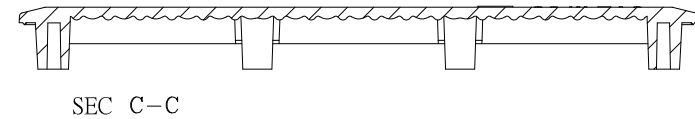
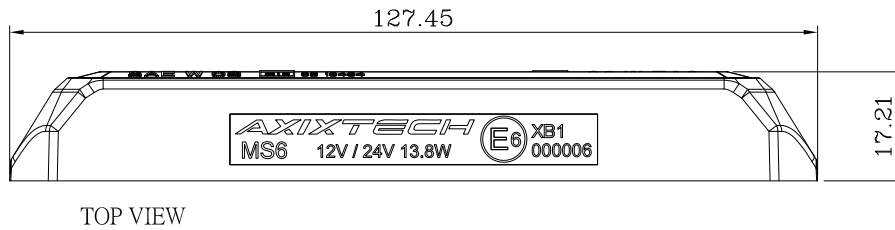
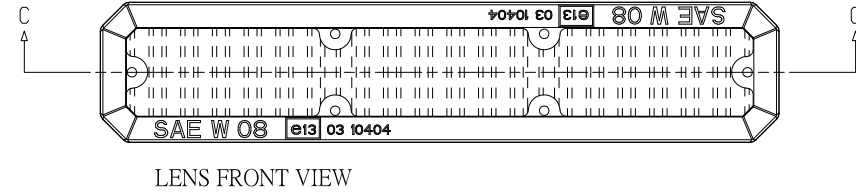
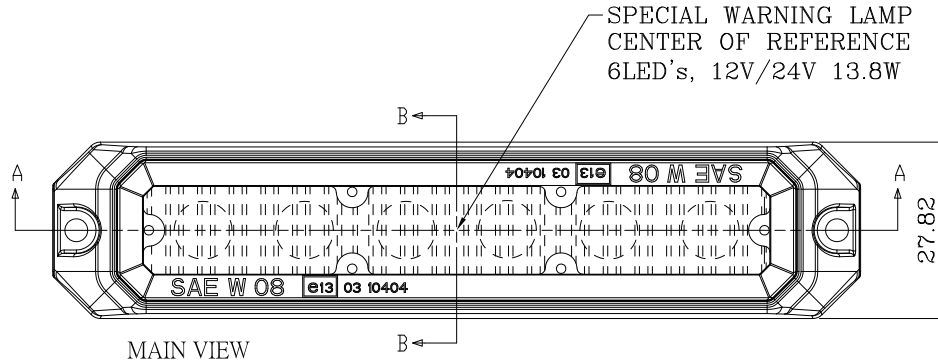
1. This drawing shall be applied for type of device : MS6-XB1, the base type is MS6BH.
2. Lens and Base are secured with screws.
3. Lens and Collimator material (Polycarbonate), Base material (Die Cast Aluminum ADC12).

JULUEN Enterprise Co.,Ltd.

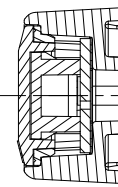
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ITEM	Modify	Date	Common Allowance			TITLE	MS6BH		
			A grade	B grade	C grade		DWG NO.	REV	A
			0-16	±0.1	±0.3	±1.0	MS6BH-R65-MARK-B		
			16 - 63	±0.2	±0.5	±1.5	MATERIAL		QT'Y
			63 - 250	±0.3	±0.8	±2.0	UNIT	mm	SCALE
			250 - 500	±0.5	±1.2	±3.0	APPROVAL	DATE	CHECK
							Anthony	20110830	Oscar
							DATE	DESIGNER	DATE
							20110830	Kevin	20110829
							PROJECTION		

POINT/DIM



SPECIAL WARNING LAMP
 AXIS OF REFERENCE
 HORIZONTAL PLANE OF VEHICLE
 6LED's, 12V/24V 13.8W



Note :

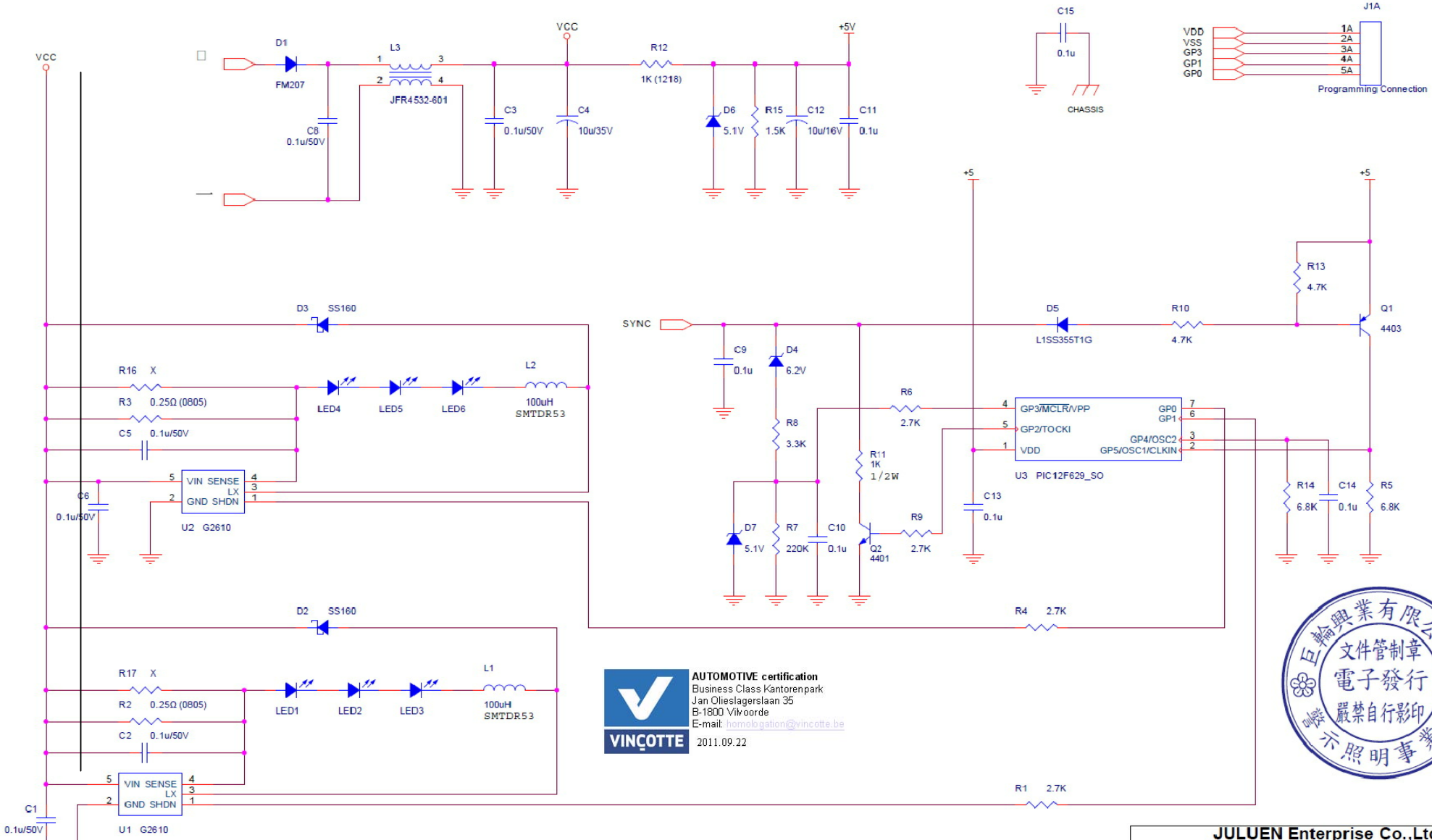
1. This drawing shall be applied for type of device : MS6-XB1, the base type is MS6BS.
2. Lens and Base are secured with screws.
3. Lens and Collimator material (Polycarbonate), Base material (Die Cast Aluminum ADC12).

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ITEM	Modify	Date	Common Allowance			TITLE				
			DIM	A grade	B grade	C grade	MS6BS	DWG NO.	REV	A
			0-16	±0.1	±0.3	±1.0				
			16 ~ 63	±0.2	±0.5	±1.5			OT'Y	I
			63 ~ 250	±0.3	±0.8	±2.0				
			250 ~ 500	±0.5	±1.2	±3.0				
							UNIT	mm	SCALE	1/1
							SHEET	1/1	PR.ON	
							APPROVAL	DATE	CHECK	DATE
							Anthony	20110830	Oscar	20110830
							DESIGNER	DATE	PROJECTION	
							Kevin	20110829		

POINT/DIM



VINÇOTTE **AUTOMOTIVE certification**
 Business Class Kantorenpark
 Jan Olieslagerslaan 35
 B-1800 Vilvoorde
 E-mail: homologation@vincotte.be
 2011.09.22



CIRCUIT DIAGRAM OF SPECIAL WARNING LAMP

JULUEN Enterprise Co.,Ltd.			
Title YPCB-MS6A-D3 (MS6/MR6)			
Size B	Document Number ORD-YPCB-MS6A-D3-A	Rev 1.0	
Date:	Thursday, September 15, 2011	Sheet 1 of 1	
Approval JAMES	Date 2011/08/26	Designer ANGUS	Date 2011/08/26