



MINISTERIO  
DE INDUSTRIA, ENERGÍA  
Y TURISMO

DIRECCIÓN GENERAL DE INDUSTRIA Y  
DE LA PEQUEÑA Y MEDIANA EMPRESA

SUBDIRECCIÓN GENERAL DE  
CALIDAD Y SEGURIDAD INDUSTRIAL



E9-10R-05.1669 Ext.01

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Comunicación relativa a <sup>(1)</sup> / *Communication concerning the* <sup>(1)</sup>:

- la homologación / *approval granted*
- la extensión de una homologación / *approval extended*
- la denegación de una homologación / *approval refused*
- la retirada de una homologación / *approval withdrawn*
- el cese definitivo de homologación / *production definitely discontinued*

de un tipo de subconjunto eléctrico / electrónico <sup>(1)</sup> en aplicación del Reglamento nº 10.05 / *of a type of electrical / electronic sub-assembly* <sup>(1)</sup> with regard to ECE Regulation No. 10.05

Nº de homologación / *Type-approval No.*: E9-10R-05.1669

Nº de extensión / *Extension No.*: 01

1. Marca (razón social) / *Make (trade name of manufacturer)*:  
NICAR
2. Tipo y denominación(es) comercial (es) / *Type and general commercial description(s)*:  
Tipo / *Type*: WL191H Series  
Variantes / *Variants*: ver documentación técnica / *see technical documentation*  
Denominación comercial / *Commercial description*: Warning Lamp
3. Medio de identificación del tipo, si está marcado en el ~~vehículo~~, el componente o ~~la unidad técnica independiente~~ <sup>(1)</sup> / *Means of identification of type, if marked on the vehicle/component/separate technical unit* <sup>(1)</sup>: Ver documentación técnica / *See technical documentation*
- 3.1. Emplazamiento de estas marcas/ *Location of that marking*: Ver documentación técnica / *See technical documentation*
4. Categoría de vehículo/ *Category of vehicle*: ---
5. Nombre y dirección del fabricante / *Name and address of manufacturer*:  
Zhongshan Jucar Auto Accessories Co., Ltd.  
No.69, South of Dongfu Road, Nantou Town, 528427, Zhongshan City, Guangdong, China
6. Emplazamiento y forma de colocación de la marca de homologación en componentes y unidades técnicas independientes / *In the case of components and separate technical units, location and method of affixing of the approval mark*: Ver documentación aportada / *See technical documentation*
7. Dirección(es) de la(s) planta(s) de montaje / *Address(es) of assembly plant(s)*:  
Zhongshan Jucar Auto Accessories Co., Ltd.  
No.69, South of Dongfu Road, Nantou Town, 528427, Zhongshan City, Guangdong, China
8. Información complementaria (si procede)/ *Additional information (where applicable)*: véase el apéndice / *See appendix*

(1) Tachar lo que no proceda / *Strike out what does not apply*



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9. Servicio técnico encargado de la realización de los ensayos / *Technical service responsible for carrying out the tests*: IDIADA
10. Fecha del acta de ensayo / *Date of test report*: 30.06.2016
11. Número del acta de ensayo / *Number of test report*: CN15010242 y/and CN16060473
12. Observaciones (si las hubiera) / *Remarks (if any)*: Véase el apéndice / *See appendix*
13. Lugar / *Place*: Madrid
14. Fecha / *Date*: Ver firma electrónica / *See digital signature*
15. Firma / *Signature*:  
  
EL SUBDIRECTOR GENERAL DE CALIDAD Y SEGURIDAD INDUSTRIAL  
Resolución P.D. 25-10-2012
16. Se adjunta el índice del expediente de homologación en posesión de las autoridades competentes, la cual puede obtenerse a petición del interesado / *The index to the information package lodged with the approval authority, which may be obtained on request is attached*
17. Motivos de extensión / *Reasons for extension*: Ver informe nº CN16060473 / *See test report No. CN16060473*



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**Apéndice del certificado de homologación N° E9-10R-05.1669 Ext.01  
relativo a la homologación de subconjuntos eléctricos o electrónicos en lo que se refiere al Reglamento N°10**

***Appendix to Type-approval communication form N° E9-10R-05.1669 Ext.01  
concerning the type-approval of an electrical/electronic sub-assembly under Regulation N° 10.***

1. Información adicional / *Additional information (where applicable):*
  - 1.1. Tensión nominal del sistema eléctrico / *Electrical system rated voltage:* Ver documentación aportada / *See technical documentation*
  - 1.2. Este SEE puede utilizarse en todos los vehículos con las siguientes restricciones / *This ESA can be used on any vehicle type with the following restrictions:* Sí / *Yes*
    - 1.2.1. Condiciones de instalación, si las hubiera / *Installation conditions, if any:* ---
  - 1.3. Este SEE sólo puede utilizarse en los tipos de vehículo siguientes / *This ESA can only be used on the following vehicle types:* ---
    - 1.3.1. Condiciones de instalación si las hubiera / *Installation conditions, if any:* ---
  - 1.4. El método o métodos específicos de ensayo utilizados y los márgenes de frecuencias abarcados para determinar la inmunidad han sido / *The specific test method(s) used and the frequency ranges covered to determine immunity were:* Ver informe de ensayo n° / *See test report No.* CN15010242
  - 1.5. Servicio técnico acreditado según ISO 17025 y reconocido por el organismo homologador responsable de realizar los ensayos/ *Technical service accredited to ISO 17025 and recognized by the Approval Authority responsible for carrying out the tests:* IDIADA
2. Observaciones/ *Remarks (if any):* ---

(1) Tachar lo que no proceda / *Strike out what does not apply*

**INFORME Nº / REPORT No. CN16060473****REGLAMENTO CEPE/ONU 10R05 REFERENTE A LA COMPATIBILIDAD ELECTROMAGNÉTICA  
UN/ECE REGULATION 10R05 RELATING ELECTROMAGNETIC COMPATIBILITY****EXTENSION I**

Solicitante / *Applicant* : Zhongshan Jucar Auto Accessories Co., Ltd.

Fabricante / *Manufacturer* : Zhongshan Jucar Auto Accessories Co., Ltd.  
No.69, South of Dongfu Road, Nantou Town, 528427,  
Zhongshan City, Guangdong, China

Marca / *Make* : NICAR

Tipo / *Type* : WL191H Series

Variantes / *Variants* : ver documentación técnica / *see technical documentation*

Denominación comercial /  
*Commercial description* : Warning Lamp

Categoría / *Category* : Componente / *Componente*

Lugar y fecha de emisión del informe /  
*Place and date of test report issue* : L'Albornar, Santa Oliva (Tarragona), 30.06.2016

**CONCLUSIONES / CONCLUSIONS:** Las modificaciones introducidas en este tipo de subconjunto electrónico o eléctrico, que se detallan en el Anexo a este informe, son objeto de Extensión de homologación respecto al tipo homologado anteriormente por este servicio (Informe No. CN15010242) y CUMPLEN las prescripciones generales especificadas en el REGLAMENTO CEPE/ONU 10R05. / *Modifications introduced to this vehicle, as detailed in the Annex attached to this report, grant grounds for extensions of homologation with respect to formerly certified ESA type performed by this technical department (Test Report No. CN15010242) and FULFIL the prescriptions of the UN/ECE REGULATION 10R05.*

Realizado / *Performed by:*Kent Lian  
INGENIERO DE ENSAYOS  
TEST ENGINEERVº.Bº. / *Revised by:*Lluís Sans Gomis  
JEFE DE DEPARTAMENTO  
DEPARTMENT MANAGER

\* LOS RESULTADOS PRESENTADOS SE REFIEREN UNICAMENTE A LA MUESTRA ENSAYADA.  
THE PRESENTED RESULTS REFER ONLY TO THE TESTED SAMPLE.

\* QUEDA TERMINANTEMENTE PROHIBIDA LA REPRODUCCION PARCIAL DE ESTE INFORME SIN PERMISO EXPRESO DE IDIADA.  
THE PARTIAL REPRODUCTION OF THIS REPORT WITHOUT THE PERMISSION OF IDIADA IS COMPLETELY FORBIDDEN.

**ANEXO AL INFORME /  
ANNEX TO THE REPORT****MOTIVOS DE EXTENSIÓN / REASON FOR EXTENSION**

- Añadir nuevas variantes **Ver documentación técnica / Add new variants See technical documentation**
- Añadir fotos de todas las variantes / *Add photos of all the variants*

Consulte la documentación técnica para más detalles. / *See technical documentation for details.*

Lugar / Place: L'Albornar, Santa Oliva (Tarragona)  
Fecha / Date: 30.06.2016



Kent Lian  
INGENIERO DE ENSAYOS  
TEST ENGINEER

---

\* LOS RESULTADOS PRESENTADOS SE REFIEREN UNICAMENTE A LA MUESTRA ENSAYADA.  
THE PRESENTED RESULTS REFER ONLY TO THE TESTED SAMPLE.

\* QUEDA TERMINANTEMENTE PROHIBIDA LA REPRODUCCION PARCIAL DE ESTE INFORME SIN PERMISO EXPRESO DE IDIADA.  
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DOCUMENTACIÓN TÉCNICA /  
*TECHNICAL DOCUMENTATION*

# NICAR

**Ficha de características nº WL191H Series relativa a la homologación de tipo CE de subconjuntos eléctricos o electrónicos respecto a la compatibilidad electromagnética(Reglamento ECE 10 cuya última modificación la constituye la serie de enmiendas 05)**

***Information document no. WL191H Series relating to EC type-approval of an electric/electronic subassembly with respect to electromagnetic compatibility  
(Regulation ECE 10 as last amended by series of amendments 05)***

Tipo / Type:

**WL191H Series**

Número total de páginas / Total number of pages:

**54**

Fecha / Date:

**30/06/2016**

## INDICE / INDEX

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| 2  | Índice / <i>Index</i>                                                         |
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| 54 | Lista de componentes del ESA / <i>List of components constituting the ESA</i> |



## GENERALIDADES / GENERAL

1. Marca (razón social) / Make (trade name of manufacturer):  
**NICAR**

2. Tipo / Type:

### **WL191H Series**

Type WL191H Series has variants as below:

WL191H; WL190H; WL219H; WL186H; WL148H; WL180H; WL186SC-H;  
WL181H; WL182H; WL184H; WL185H; WL191FH; WL190FH; WL219FH;  
WL186FH; WL148FH; WL180FH; WL186FSC-H; WL181FH; WL182FH;  
WL184FH; WL185FH; WL191MH; WL190MH; WL219MH; WL186MH;  
WL148MH; WL180MH; WL186MSC-H; WL181MH; WL182MH; WL184MH;  
WL185MH. WL440;WL441;WL442;WL443;WL444;WL445;WL446; WL447;  
WL448;WL449;WL450;WL451;WL452;WL453;WL454;WL456;WL457;  
WL458;WL459;WL460;WL461;WL462;WL463;WL464;WL465;WL466;  
WL467; WL468;WL470;WL471;WL472;WL473;WL474;WL475;WL476;  
WL477;WL478; WL479;WL480;WL481;WL482;WL483;WL484;WL485;  
WL486;WL487; WL488; WL489;WL490;WL491;WL492;WL493;WL494;  
WL495;WL496;WL497;WL498.

They are all identical except appearance and installation.  
detail as below:

| P/N       | No. of LED | Circuit diagram reference | Mounting type                 |
|-----------|------------|---------------------------|-------------------------------|
| WL191H    | 12         | WL191H                    | Fixing bolt type              |
| WL190H    | 12         | WL191H                    | Coiled wire and magnetic base |
| WL219H    | 12         | WL191H                    | Fixing bolt type              |
| WL186H    | 12         | WL191H                    | Long socket type              |
| WL148H    | 12         | WL191H                    | Fixing bolt type              |
| WL180H    | 12         | WL191H                    | Coiled wire and magnetic base |
| WL186SC-H | 12         | WL191H                    | With quick fix DIN mount base |
| WL181H    | 12         | WL191H                    | Socket type connector         |
| WL182H    | 12         | WL191H                    | Socket type                   |
| WL184H    | 12         | WL191H                    | Socket type                   |
| WL185H    | 12         | WL191H                    | Long socket type              |

| P/N        | No. of LED | Circuit diagram reference | Mounting type                 |
|------------|------------|---------------------------|-------------------------------|
| WL191FH    | 12         | WL191H                    | Fixing bolt type              |
| WL190FH    | 12         | WL191H                    | Coiled wire and magnetic base |
| WL219FH    | 12         | WL191H                    | Fixing bolt type              |
| WL186FH    | 12         | WL191H                    | Long socket type              |
| WL148FH    | 12         | WL191H                    | Fixing bolt type              |
| WL180FH    | 12         | WL191H                    | Coiled wire and magnetic base |
| WL186FSC-H | 12         | WL191H                    | With quick fix DIN mount base |
| WL181FH    | 12         | WL191H                    | Socket type connector         |
| WL182FH    | 12         | WL191H                    | Socket type                   |
| WL184FH    | 12         | WL191H                    | Socket type                   |
| WL185FH    | 12         | WL191H                    | Long socket type              |

| P/N        | No. of LED | Circuit diagram reference | Mounting type                 |
|------------|------------|---------------------------|-------------------------------|
| WL191MH    | 12         | WL191H                    | Fixing bolt type              |
| WL190MH    | 12         | WL191H                    | Coiled wire and magnetic base |
| WL219MH    | 12         | WL191H                    | Fixing bolt type              |
| WL186MH    | 12         | WL191H                    | Long socket type              |
| WL148MH    | 12         | WL191H                    | Fixing bolt type              |
| WL180MH    | 12         | WL191H                    | Coiled wire and magnetic base |
| WL186MSC-H | 12         | WL191H                    | With quick fix DIN mount base |
| WL181MH    | 12         | WL191H                    | Socket type connector         |
| WL182MH    | 12         | WL191H                    | Socket type                   |
| WL184MH    | 12         | WL191H                    | Socket type                   |
| WL185MH    | 12         | WL191H                    | Long socket type              |
| WL440      | 12         | WL191H                    | Fixing bolt type              |
| WL441      | 12         | WL191H                    | Coiled wire and magnetic base |
| WL442      | 12         | WL191H                    | Fixing bolt type              |
| WL443      | 12         | WL191H                    | Long socket type              |
| WL444      | 12         | WL191H                    | Fixing bolt type              |
| WL445      | 12         | WL191H                    | Coiled wire and magnetic base |
| WL446      | 12         | WL191H                    | With quick fix DIN mount base |

| P/N   | No. of LED | Circuit diagram reference | Mounting type                 |
|-------|------------|---------------------------|-------------------------------|
| WL447 | 12         | WL191H                    | Long socket type              |
| WL448 | 12         | WL191H                    | Long socket type              |
| WL449 | 12         | WL191H                    | Long socket type              |
| WL450 | 12         | WL191H                    | Long socket type              |
| WL451 | 12         | WL191H                    | Coiled wire and magnetic base |
| WL452 | 12         | WL191H                    | Long socket type              |
| WL453 | 12         | WL191H                    | Fixing bolt type              |
| WL454 | 12         | WL191H                    | With quick fix DIN mount base |
| WL456 | 12         | WL191H                    | Long socket type              |
| WL457 | 12         | WL191H                    | Fixing bolt type              |

| P/N   | No. of LED | Circuit diagram reference | Mounting type                 |
|-------|------------|---------------------------|-------------------------------|
| WL458 | 12         | WL191H                    | With quick fix DIN mount base |
| WL459 | 12         | WL191H                    | Coiled wire and magnetic base |
| WL460 | 12         | WL191H                    | Long socket type              |
| WL461 | 12         | WL191H                    | Fixing bolt type              |
| WL462 | 12         | WL191H                    | With quick fix DIN mount base |
| WL463 | 12         | WL191H                    | Coiled wire and magnetic base |
| WL464 | 12         | WL191H                    | Long socket type              |
| WL465 | 12         | WL191H                    | Fixing bolt type              |
| WL466 | 12         | WL191H                    | With quick fix DIN mount base |
| WL467 | 12         | WL191H                    | Long socket type              |

| P/N   | No. of LED | Circuit diagram reference | Mounting type                 |
|-------|------------|---------------------------|-------------------------------|
| WL468 | 12         | WL191H                    | Long socket type              |
| WL470 | 12         | WL191H                    | Fixing bolt type              |
| WL471 | 12         | WL191H                    | Coiled wire and magnetic base |
| WL472 | 12         | WL191H                    | Fixing bolt type              |
| WL473 | 12         | WL191H                    | Long socket type              |
| WL474 | 12         | WL191H                    | Fixing bolt type              |
| WL475 | 12         | WL191H                    | Coiled wire and magnetic base |
| WL476 | 12         | WL191H                    | With quick fix DIN mount base |
| WL477 | 12         | WL191H                    | Long socket type              |
| WL478 | 12         | WL191H                    | Long socket type              |

| P/N   | No. of LED | Circuit diagram reference | Mounting type                 |
|-------|------------|---------------------------|-------------------------------|
| WL479 | 12         | WL191H                    | Long socket type              |
| WL480 | 12         | WL191H                    | Long socket type              |
| WL481 | 12         | WL191H                    | Coiled wire and magnetic base |
| WL482 | 12         | WL191H                    | Long socket type              |
| WL483 | 12         | WL191H                    | Fixing bolt type              |
| WL484 | 12         | WL191H                    | With quick fix DIN mount base |
| WL485 | 12         | WL191H                    | Coiled wire and magnetic base |
| WL486 | 12         | WL191H                    | Long socket type              |
| WL487 | 12         | WL191H                    | Fixing bolt type              |

| P/N   | No. of LED | Circuit diagram reference | Mounting type                 |
|-------|------------|---------------------------|-------------------------------|
| WL488 | 12         | WL191H                    | With quick fix DIN mount base |
| WL489 | 12         | WL191H                    | Coiled wire and magnetic base |
| WL490 | 12         | WL191H                    | Long socket type              |
| WL491 | 12         | WL191H                    | Fixing bolt type              |
| WL492 | 12         | WL191H                    | With quick fix DIN mount base |
| WL493 | 12         | WL191H                    | Coiled wire and magnetic base |
| WL494 | 12         | WL191H                    | Long socket type              |
| WL495 | 12         | WL191H                    | Fixing bolt type              |
| WL496 | 12         | WL191H                    | With quick fix DIN mount base |
| WL497 | 12         | WL191H                    | Long socket type              |
| WL498 | 12         | WL191H                    | Long socket type              |

## Denominación(es) comercial (es) / General commercial description(s): Warning Lamp

a) Si el medio de identificación del tipo contiene caracteres no pertinentes para la descripción del componente o unidad técnica independiente a que se refiere esta ficha, tales caracteres se sustituirán en la documentación por el signo «?» (ejemplo: ABC??123??) / If the means of identification of type contains characters not relevant to describe the component or separate technical unit types covered by this information document, such characters shall be represented in the documentation by the symbol '?' (e.g. ABC??123??).

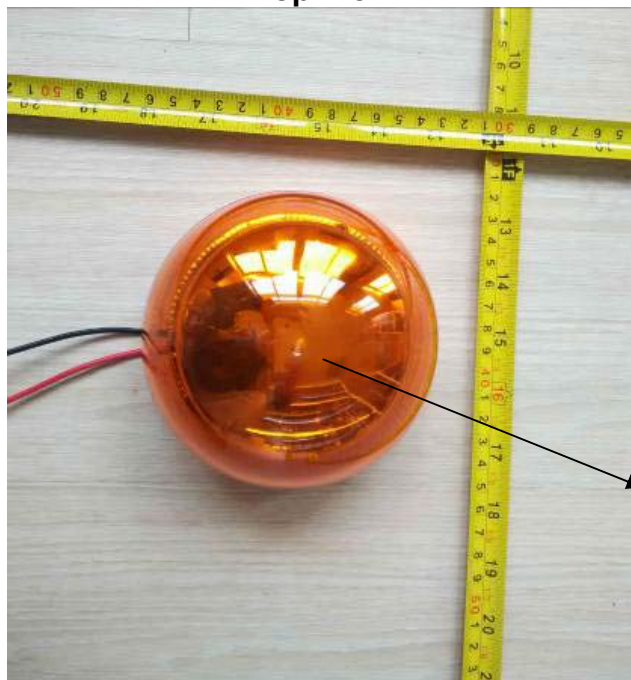
3. Medio de identificación del tipo de componente o unidad técnica Independiente, si está marcado en los mismos <sup>(a)</sup> / *Means of identification of type, if marked on the component/separate technical unit <sup>(a)</sup>*:  
**Approval mark**
- 3.1. Emplazamiento de estas marcas / *Location of that marking*:  
**Moulded on the top surface, see Drawings of the ESA.**
4. Nombre y dirección del fabricante / *Name and address of manufacturer*:  
**Zhongshan Jucar Auto Accessories Co., Ltd.**  
**No.69, South of Dongfu Road, Nantou Town, 528427, Zhongshan City, Guangdong, China**  
Nombre y dirección del representante autorizado (si procede) / *Name and address of authorised representative, if any*:
5. En el caso de componentes y unidades técnicas independientes, localización y método de fijación de la marca de homologación CE / *In the case of components and separate technical units, location and method of affixing of the EC approval mark*:  
**Moulded on the top surface, see Drawings of the ESA.**
6. Dirección(es) de la(s) planta(s) de montaje / *Address(es) of assembly plant(s)*:  
**Zhongshan Jucar Auto Accessories Co., Ltd.**  
**No.69, South of Dongfu Road, Nantou Town, 528427, Zhongshan City, Guangdong, China**
7. Este SEE se homologará como componente/~~UTI~~ <sup>(1)</sup> / *This ESA shall be approved as a component/~~STU~~ <sup>(1)</sup>*
8. Restricciones de uso y condiciones de instalación / *Any restrictions of use and conditions for fitting*:  
**N/A**
9. Tensión nominal del sistema eléctrico / *Electrical system rated voltage*:  
**12V/24V, Negative ground**  
**The possible range for normal operation is 12V-36V.**

(1) Táchese lo que no proceda / Delete where not applicable.

## Planos del ESA / Drawings of the ESA

Localización de la marca de homologación CE / Location of the EC approval mark

**Top View**



EMC  
Approval number

**Side View**



**WL191H**



**WL190H**





**WL219H**



**WL186H**



## WL148H



## WL180H



# NICAR

Ficha de características nº WL191H  
Series según Reglamento ECE 10.05  
*Information document no. WL191H*  
Series as per Regulation ECE 10.05  
Junio 2016 / June 2016  
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**WL186SC-H**



**WL181H**





## WL182H



## WL184H



## WL185H



## WL191FH



## WL190FH



## WL219FH



## WL186FH



## WL148FH





## WL180FH



## WL186FSC-H



## WL181FH



## WL182FH



**WL184FH**



**WL185FH**





**WL191MH**



**WL190MH**



## WL219MH



## WL186MH



## WL148MH



## WL180MH



## WL186FSC-H



## WL181MH





## WL182MH



## WL184MH



## WL185MH



## WL440





**WL441**



**WL442**



**WL443**



**WL444**



**WL445**



**WL446**



**WL447**



**WL448**





**WL449**



**WL450**





**WL451**



**WL452**



**WL453**



**WL454**



**WL455**



**WL456**



**WL457**



**WL458**





## WL459



## WL460





**WL461**



**WL462**



## WL463



## WL464



## WL465



## WL466



**WL467**



**WL468**





## WL470



## WL471





**WL472**



**WL473**



**WL474**



**WL475**



**WL476**



**WL477**



**WL478**



**WL479**





**WL480**



**WL481**





**WL482**



**WL483**



**WL484**



**WL485**



**WL486**



**WL487**



**WL488**



**WL489**





## WL490



## WL491





**WL492**



**WL493**



**WL494**



**WL495**



**WL496**



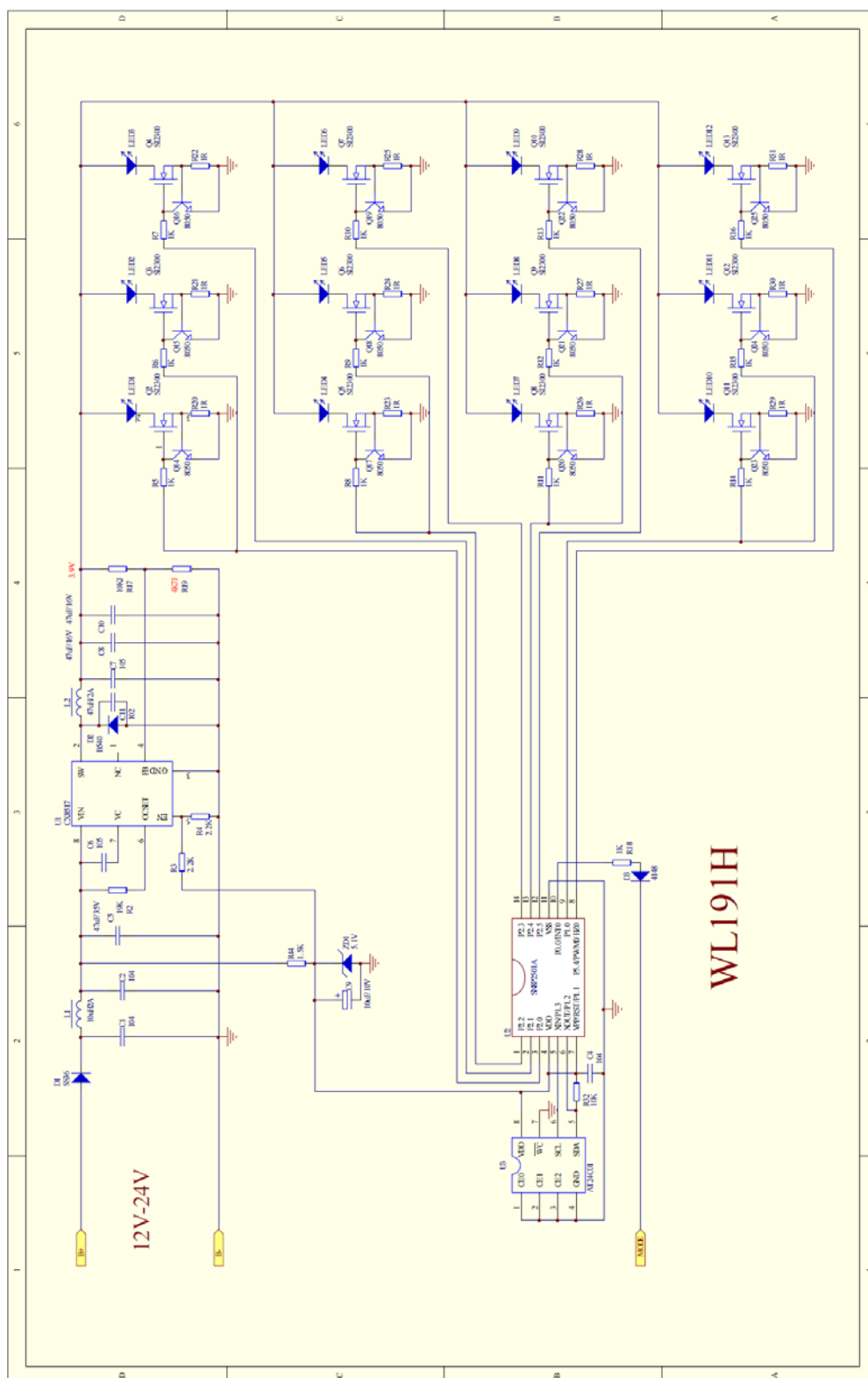
**WL497**



## WL498



## Diagrama de bloques electrónicos / Electronic block diagram





## Lista de componentes del ESA / List of components constituting the ESA

| Item No.                 |                                 | WL191H  |     |                                        | Version  |                                     | F type     |     |                                              |
|--------------------------|---------------------------------|---------|-----|----------------------------------------|----------|-------------------------------------|------------|-----|----------------------------------------------|
| Voltage                  |                                 | 12V-24V |     |                                        | Ref. No. |                                     | Z.J-WL-050 |     |                                              |
| Code                     | Material name                   | Unit    | Qty | Remarks                                | Code     | Material name                       | Unit       | Qty | Remarks                                      |
| Electronic warehouse use |                                 |         |     |                                        |          |                                     |            |     |                                              |
|                          | WL186H V3 main board            | PC      | 1   | FR4/1.6The upper and lower white / tin |          | 3*10 With dielectric nickel tapping | PC         | 4   |                                              |
|                          | 3W3535 led                      | PC      | 12  | warm white                             |          | 4*16 Round head nickel screw        | PC         | 3   |                                              |
|                          | sm5d WL186H CPU                 | PC      | 1   | package : SOP14                        |          | 20# 45CM single red wire            | PC         | 1   | 0.1428 supported end band whthead            |
|                          | sm5d C28317 IC                  | PC      | 1   | package : SOP8-EP                      |          | 20#45CM single black wire           | PC         | 1   | 0.1428 supported end band whthead            |
|                          | sm5d S536 diode                 | PC      | 2   | package : SMA                          |          | #5 corn                             | PC         | 1   |                                              |
|                          | sm5d 5.1V 5.1V Zener diode      | PC      | 1   | package : 1206/0.5W Glass tube         |          | Galvanized fixing iron ring         | PC         | 1   | same with the bigger reflecting type         |
|                          | sm5d SD300 diode                | PC      | 12  | package : SOT-23                       |          | 3*16 Nickel tapping                 | PC         | 3   |                                              |
|                          | sm5d 58050 diode(J3V)           | PC      | 12  | package : SOT-23                       |          | Cave reflecting cup top             | PC         | 1   | chrome                                       |
|                          | sm5d 1K resistance              | PC      | 12  | package : 0603                         |          | Cave reflecting cup middle          | PC         | 1   | chrome                                       |
|                          | sm5d 1R resistance              | PC      | 12  | package : 0805                         |          | Cave reflecting cup bottom          | PC         | 1   | chrome                                       |
|                          | sm5d 4.7K resistance            | PC      | 2   | package : 0603                         |          | 8CM20# red wire                     | PC         | 1   | 0.1428 support, one end with the bullet seat |
|                          | sm5d 19KJ resistance            | PC      | 1   | package : 0603 ±1%                     |          | 8CM20# black wire                   | PC         | 1   | 0.1428 support, one end with the bullet seat |
|                          | sm5d 1.5K resistance            | PC      | 1   | package : 1206                         |          | screw package                       |            |     |                                              |
|                          | sm5d 4.7KJ resistance           | PC      | 1   | package : 0603 ±1%                     |          | 5*30Round head screw                | PC         | 3   | stainless steel                              |
|                          | sm5d 10KJ resistance            | PC      | 1   | package : 0603 ±1%                     |          | 5MM screw cap                       | PC         | 3   | stainless steel                              |
|                          | sm5d inductance 470H2A          | PC      | 1   | ISMD8                                  |          | 5MM pad                             | PC         | 3   | stainless steel                              |
|                          | sm5d inductance 100H2A          | PC      | 1   | package : 1206                         |          | 5MM flower pad                      | PC         | 3   | stainless steel                              |
|                          | sm5d ceramic capacitor 47uF/10V | PC      | 2   | package : 1206                         |          | cutting-out white plastic cap       | PC         | 2   |                                              |
|                          | sm5d ceramic capacitor 220F/63V | PC      | 2   | package : 1206                         |          | 5*8 lock bag                        | PC         | 1   |                                              |
|                          | sm5d capacitor 102              | PC      | 1   | package : 0603                         |          | packing warehouse use               |            |     |                                              |
|                          | sm5d capacitor 104              | PC      | 3   | package : 0603                         |          | QC sticker                          | PC         | 1   |                                              |
|                          | sm5d capacitor 105              | PC      | 2   | package : 0805                         |          | OK12V-24V sticker                   | PC         | 1   |                                              |
|                          | sm5d capacitor 106              | PC      | 1   | package : 0805                         |          | plastic bag 28*32                   | PC         | 1   |                                              |
|                          | WL186H marking trip             | PC      | 1   | based on sample                        |          | instruction                         | PC         |     | based on order request                       |
| plastic warehouse        |                                 |         |     |                                        |          |                                     |            |     |                                              |
|                          | WL186H cover                    | PC      | 1   | based on order request                 |          | color box                           | PC         | 1   | based on order request                       |
|                          | WL24 base                       | PC      | 1   | tail pillar                            |          | carton                              | PC         | 1/2 | based on order request                       |

MADE BY :

Date: Jan.10th,2015

CHECKED BY :

Date: Jan.10th,2015