



General information

Drawing/Picture : Front view

Application form for lighting devices



General information

- Application for : ECE (E1 – KBA) ECE (E24 – NSAI)
 TAIWAN (VSCC) SAE

- Type of approval : New License Extension Modification
 Deletion Renewal

- Approval number : _____

- Reason for extension/modification : _____

- Trade name or mark : _____

- Name and address of applicant/manufacture : _____

- Address(es) of assembly plant(s) : _____

- Project engineering : (name) _____ e-mail: _____
Tel: _____

- Deadline for approval : _____

Application form for lighting devices



General information of the device

- Type : (fill out with ONLY the reference name) _____
- Version(s) : _____
- Lamp functions : Rear Retro Reflector Side Retro Reflector
ECE version License plate lamp Direction indicator
 Rear position lamp Stop lamp
 End-outline marker lamp Front position lamp
 Reversing lamp Rear fog lamp
 Parking lamp Side marker lamp
 Cornering lamp (others...)
 Driving beam DRL
 Passing beam Front fog lamp
- Lamp functions : CHMSL Parking lamp (front position lamp)
SAE version Tail lamp Stop lamp
 License plate lamp Turn signal lamp
 Side marker lamp Backup lamp
 Side reflex reflector Rear reflex reflector
 Fog tail lamp (others...)
- Commercial name : _____
- Description of the device : _____
- Position of markings : _____
- Definition of apparent surface (acc.to ECE48, 2.10) : Light emitting surface Illuminating surface
- Housing plastic material : _____
- Documentation required: **see annex 1**

Application form for lighting devices



ECE R3 / TW D41 / SAE J594

Side retro-reflecting device

- Word "TOP" marked is required	:	<input type="checkbox"/> yes	<input type="checkbox"/> no
- Category	:	Select...	
- Colour	:	Select...	
- Plastic materials information			
Outer lens	:		
Inner lens(es)	:		
- Comment	:		

ECE R3 / TW D41 / SAE J594

Rear retro-reflecting device

- Word "TOP" marked is required	:	<input type="checkbox"/> yes	<input type="checkbox"/> no
- Category	:	Select...	
- Colour	:	Select...	
- Plastic materials information			
Outer lens	:		
Inner lens(es)	:		
- Comment	:		

ECE R4 / SAE J587

Illumination rear registration plate

- Device for illuminating	:	Select...		
- Kind of light source	:	<input type="checkbox"/> replaceable	<input type="checkbox"/> non replaceable	
- Light source module	:	<input type="checkbox"/> no	<input type="checkbox"/> yes	(identification code)
- Number and category of lamp/LEDs	:			
- Rated (range) of voltage and wattage	:			
- Light source(s) operated at:	:	<input type="checkbox"/> luminous flux;	<input type="checkbox"/> special supply voltage:	V;
		<input type="checkbox"/> test voltage:	(<input type="checkbox"/> 6,75V <input type="checkbox"/> 13,5V <input type="checkbox"/> 28,0V)	
- Electronic light source control manufacturer and Identification No.	:	<input type="checkbox"/> no	<input type="checkbox"/> yes	Manufacturer: ID:
- Plastic materials information				
Outer lens	:			
Inner lens(es)	:			
Reflector	:			
- Comment	:			

Application form for lighting devices



ECE R6 / TW D31 / SAE J588 **Direction indicators / Turn Signal lamp**

- Category	:	Select...
- Limited mounting height less than 750mm	:	<input type="checkbox"/> yes <input type="checkbox"/> no
- Kind of light source	:	<input type="checkbox"/> replaceable <input type="checkbox"/> non replaceable
- Light source module	:	<input type="checkbox"/> no <input type="checkbox"/> yes (identification code)
- Number and category of lamp/LEDs	:	
- Failure signal (pt. 6.4.2. ECE R6)	:	
- Color of light emitted	:	<input type="checkbox"/> red <input type="checkbox"/> amber
- Rated (range) of voltage and wattage	:	
- Filament lamp supplier (only for TW)	:	<input type="checkbox"/> OSRAM <input type="checkbox"/> Philips <input type="checkbox"/> (other)
- Light source(s) operated at:	:	<input type="checkbox"/> luminous flux; <input type="checkbox"/> special supply voltage: V; <input type="checkbox"/> test voltage: (<input type="checkbox"/> 6,75V <input type="checkbox"/> 13,5V <input type="checkbox"/> 28,0V)
- Electronic light source control manufacturer and Identification No.	:	<input type="checkbox"/> no <input type="checkbox"/> yes Manufacturer: ID:
- Effective projected luminous area	:	
- Reciprocally incorporated with tail lamp	:	<input type="checkbox"/> yes <input type="checkbox"/> no <input type="checkbox"/> n.a.
- Plastic materials information	:	
Outer lens	:	
Inner lens(es)	:	
Light guide	:	
Reflector	:	
- Comment	:	

Application form for lighting devices



ECE R7 / TW D37 / SAE J586 **Stop lamp**

- Category : Select...

- Limited mounting height less than 750mm : yes no

- Kind of light source : replaceable non replaceable

- Light source module : no yes (identification code)

- Number and category of lamp/LEDs :

- Rated (range) of voltage and wattage :

- Filament lamp supplier (only for TW) : OSRAM Philips (other)

- Light source(s) operated at: : luminous flux; special supply voltage: V;
test voltage: (6,75V 13,5V 28,0V)

- Electronic light source control manufacturer and Identification No. : no yes Manufacturer:
ID:

- Effective projected luminous area :

- Reciprocally incorporated with tail lamp : yes no n.a.

- Plastic materials information

Outer lens :

Inner lens(es) :

Light guide :

Reflector :

- Comment :

Application form for lighting devices



ECE R7 / TW D35 / SAE J585 **Rear position lamp / Tail lamp**

- Category : Select...

- Limited mounting height less than 750mm : yes no

- Kind of light source : replaceable non replaceable

- Light source module : no yes (identification code)

- Number and category of lamp/LEDs :

- Rated (range) of voltage and wattage :

- Filament lamp supplier (only for TW) : OSRAM Philips (other)

- Light source(s) operated at: : luminous flux; special supply voltage: V;
 test voltage: (6,75V 13,5V 28,0V)

- Electronic light source control manufacturer and Identification No. : no yes Manufacturer:
ID:

- Effective projected luminous area :

- Reciprocally incorporated with stop : yes no n.a.

- Plastic materials information

Outer lens :

Inner lens(es) :

Light guide :

Reflector :

- Comment :

Application form for lighting devices



ECE R7 / TW D38 / SAE J186 **Central high mounted stop lamp**

- Category : Select...

- Mounting position inside outside

- Optical properties of the glass

transmission :

inclination :

colour :

manufacturer :

thickness :

- Kind of light source : replaceable non replaceable

- Light source module : no yes (identification code)

- Number and category of lamp/LEDs :

- Rated (range) of voltage and wattage :

- Filament lamp supplier (only for TW) : OSRAM Philips (other)

- Light source(s) operated at: : luminous flux; special supply voltage: V;
 test voltage: (6,75V 13,5V 28,0V)

- Electronic light source control manufacturer and Identification No. : no yes Manufacturer:
ID:

- Effective projected luminous area :

- Plastic materials information

Outer lens :

Inner lens(es) :

Light guide :

Reflector :

- Comment :

Application form for lighting devices



ECE R7 / TW D39

End Outline marker

- Category : Select...

- Limited mounting height less than 750mm : yes no

- Kind of light source : replaceable non replaceable

- Light source module : no yes (identification code)

- Number and category of lamp/LEDs :

- Rated (range) of voltage and wattage :

- Filament lamp supplier (only for TW) : OSRAM Philips (other)

- Light source(s) operated at: : luminous flux; special supply voltage: V;
 test voltage: (6,75V 13,5V 28,0V)

- Electronic light source control manufacturer and Identification No. : no yes Manufacturer: ID:

- Plastic materials information

Outer lens :

Inner lens(es) :

Light guide :

Reflector :

- Distance from rear position lamp mm

- Comment :

Application form for lighting devices



ECE R7 / TW D34 / SAE J222 **Front position lamp / Parking lamp**

- Category : Select...

- Limited mounting height less than 750mm : yes no

- Reciprocally incorporated in headlamp yes no n.a.

- Kind of light source : replaceable non replaceable

- Light source module : no yes (identification code)

- Number and category of lamp/LEDs :

- Rated (range) of voltage and wattage :

- Filament lamp supplier (only for TW) : OSRAM Philips (other)

- Light source(s) operated at: : luminous flux; special supply voltage: V;
 test voltage: (6,75V 13,5V 28,0V)

- Electronic light source control manufacturer and Identification No. : no yes Manufacturer:
ID:

- Infrared radiation generators : yes no

- Effective projected luminous area :

- Plastic materials information

Outer lens :

Inner lens(es) :

Light guide :

Reflector :

- Comment :

Application form for lighting devices



ECE R23 / TW D33 / SAE J593 **Reversing lamp / Backup lamp**

- No. of devices to be installed : _____

- Kind of light source : replaceable non replaceable

- Light source module : no yes (identification code)

- Number and category of lamp/LEDs : _____

- Rated (range) of voltage and wattage : _____

- Filament lamp supplier (only for TW) : OSRAM Philips (other)

- Light source(s) operated at: : luminous flux; special supply voltage: _____ V;
 test voltage: (6,75V 13,5V 28,0V)

- Electronic light source control manufacturer and Identification No. : no yes Manufacturer: _____
ID: _____

- Effective projected luminous area : _____

- Plastic materials information

Outer lens : _____

Inner lens(es) : _____

Light guide : _____

Reflector : _____

- Comment : _____

Application form for lighting devices



ECE R38 / TW D53 / SAE J1319 **Rear fog lamps / Fog tail lamp**

- Category : Select...

- Kind of light source : replaceable non replaceable

- Light source module : no yes (identification code)

- Number and category of lamp/LEDs :

- Rated (range) of voltage and wattage :

- Filament lamp supplier (only for TW) : OSRAM Philips (other)

- Light source(s) operated at: : luminous flux; special supply voltage: V;
 test voltage: (6,75V 13,5V 28,0V)

- Electronic light source control manufacturer and Identification No. : no yes Manufacturer:
ID:

- Apparent surface (less than 140 cm²)

- Distance from stop lamp mm

- Plastic materials information

Outer lens :

Inner lens(es) :

Light guide :

Reflector :

- Comment :

Application form for lighting devices



ECE R77 / TW D36 / SAE J222 **Parking lamp**

- Position of the installation : front rear

- Limited mounting height less than 750mm : yes no

- Colour of light emitted : Select...

- Kind of light source : replaceable non replaceable

- Light source module : no yes (identification code)

- Number and category of lamp/LEDs :

- Rated (range) of voltage and wattage :

- Filament lamp supplier (only for TW) : OSRAM Philips (other)

- Light source(s) operated at: : luminous flux; special supply voltage: V;
 test voltage: (6,75V 13,5V 28,0V)

- Electronic light source control : no yes Manufacturer:
 manufacturer and Identification No. : ID:

- Effective projected luminous area :

- Plastic materials information

 Outer lens :

 Inner lens(es) :

 Light guide :

 Reflector :

- Comment :

Application form for lighting devices



ECE R87 **Daytime running lamp**

- Kind of light source : replaceable non replaceable

- Light source module : no yes (identification code)

- Number and category of lamp/LEDs :

- Rated (range) of voltage and wattage :

- Light source(s) operated at: : luminous flux; special supply voltage: V;
 test voltage: (6,75V 13,5V 28,0V)

- Electronic light source control manufacturer and Identification No. : no yes Manufacturer:
ID:

- Illuminating surface :
(between 25 and 200 cm²)

- Plastic materials information

Outer lens :

Inner lens(es) :

Light guide :

Reflector :

- Comment :

Application form for lighting devices



ECE R91 / TW D40-1

Side marker lamps

- Category : SM1 SM2

- Limited mounting height less than 750mm : yes no

- Colour of light emitted : AMBER RED

- Kind of light source : replaceable non replaceable

- Light source module : no yes (identification code)

- Number and category of lamp/LEDs :

- Rated (range) of voltage and wattage :

- Filament lamp supplier (only for TW) : OSRAM Philips (other)

- Light source(s) operated at: : luminous flux; special supply voltage: V;
 test voltage: (6,75V 13,5V 28,0V)

- Electronic light source control manufacturer and Identification No. : no yes Manufacturer:
ID:

- Reduced Inboard angle (FMVSS108, 7.4.13.2) :

- Plastic materials information

Outer lens :

Inner lens(es) :

Light guide :

Reflector :

- Comment :

Application form for lighting devices



ECE R119

Cornering lamp

- Limited mounting height less than 750mm : yes no

- Colour of light emitted :

- Kind of light source : replaceable non replaceable

- Light source module : no yes (identification code)

- Number and category of lamp/LEDs :

- Rated (range) of voltage and wattage :

- Light source(s) operated at: : luminous flux; special supply voltage: V;
 test voltage: (6,75V 13,5V 28,0V)

- Electronic light source control manufacturer and Identification No. : no yes Manufacturer:
ID:

- Plastic materials information

Outer lens :

Inner lens(es) :

Light guide :

Reflector :

- Comment :

Application form for lighting devices



ECE R19 / TW D32

Front fog lamp

- Category : B B/ BPL B/PL
F3 F3/ F3PL F3/PL

- Mounting positions :

- Kind of light source : replaceable non replaceable

- Light source module : no yes (identification code)

- Number and category of lamp/LEDs :

- Filament lamp supplier (only for TW) : OSRAM Philips (other)

- Light source(s) operated at: : luminous flux; special supply voltage: V;
 test voltage: (6,75V 13,5V 28,0V)

- Electronic light source control manufacturer and Identification No. : no yes Manufacturer: ID:

- Plastic materials information

Outer lens :

Inner lens(es) :

Reflector :

Coating :

- Comment :

Application form for lighting devices



ECE R98 / TW D30-1

Gas discharge passing beam / driving beam

- Category : DC DR DCR DC/ DC/R
DLSC DLSR DLSCR DLSC/ DLSC/R

- Mounting positions :

- Suitable for right hand left hand both

- Used to produce bend lighting : no yes (extreme angles)

- Kind of light source : replaceable non replaceable

- Light source module : no yes (identification code)

- Number and category of lamp/LEDs :

- Light source(s) supplier (only for TW) : OSRAM Philips (other)

- Ballast : (trade name/identification number)

- Effective projected luminous area :

- Plastic materials information

Outer lens :

Inner lens(es) :

Reflector :

Coating :

- Detailed drawing : (front view, lens ribbing, cross section)

- Comment :

Application form for lighting devices



ECE R112 / TW D52

Asymmetrical passing beam / driving beam

- Category : C R CR C/ C/R
HC HR HCR HC/ HC/R

- Mounting positions :

- Suitable for right hand left hand both

- Used also for 24V no yes

- Used to produce bend lighting : no yes (extreme angles)

- Kind of light source : replaceable non replaceable

- Light source module : no yes (identification code)

- Number and category of lamp/LEDs :

- Filament lamp supplier (only for TW) : OSRAM Philips (other)

- Effective projected luminous area :

- Plastic materials information

Outer lens :

Inner lens(es) :

Reflector :

Coating :

- Detailed drawing : (front view, lens ribbing, cross section)

- Comment :

Application form for lighting devices



ECE R113 / TW D52

Symmetrical passing beam / driving beam

- Category	:	<input type="checkbox"/> C-AS	<input type="checkbox"/> R-BS	<input type="checkbox"/> CR-BS	<input type="checkbox"/> C-BS
		<input type="checkbox"/> C/-BS	<input type="checkbox"/> C/R-BS	<input type="checkbox"/> WC-CS	<input type="checkbox"/> WC-DS
		<input type="checkbox"/> WR-DS	<input type="checkbox"/> WR-DS	<input type="checkbox"/> WCR-CS	<input type="checkbox"/> WCR-DS
		<input type="checkbox"/> WC/-CS	<input type="checkbox"/> WC/-DS	<input type="checkbox"/> WC/R-CS	<input type="checkbox"/> WC/R-DS
- Mounting positions	:				
- Kind of light source	:	<input type="checkbox"/> replaceable	<input type="checkbox"/> non replaceable		
- Light source module	:	<input type="checkbox"/> no	<input type="checkbox"/> yes (identification code)		
- Number and category of lamp/LEDs	:				
- Filament lamp supplier (only for TW)	:	<input type="checkbox"/> OSRAM	<input type="checkbox"/> Philips	<input type="checkbox"/> (other)	
- Effective projected luminous area	:				
- Plastic materials information	:				
Outer lens	:				
Inner lens(es)	:				
Reflector	:				
Coating	:				
- Detailed drawing	:	(front view, lens ribbing, cross section)			
- Comment	:				

Samples will be available for testing within:

Date:

Signature:

N. Documento: **FB1111**
 Revisione: **6**
 Valido dal: **08/04/2009**
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Application form for lighting devices



	Rear/signalling lamp with replaceable light source	Rear/signalling lamp with non replaceable light source	Headlamp	Gas discharge headlamp
Technical drawing with the indication of: -mounting position(s) -reference axis -centre of reference -position of approval no.	X	X	X	X
Technical drawing showing: -front view -cross-section(s) -lens ribbing -fluting -extreme position (bend lighting)			X	X
Data sheet light source; PCB (drawing/picture); Electrical circuit		X		
Copy of Taiwan certification for filament lamp (only for Taiwan approval)	X		X	X
Test reports for plastic lens and coating			X (if applicable)	X (if applicable)
Description of ballast (make and type) Information on low-UV-type GDLS				X