KINDON
ZHEJIANG KINDON SECURITY EQUIPMENT CO.,LTD.

E-mark   CCC   SAE   ADR   CE   RoHS

E4

R65 TA1
QUALITY FIRST, PURSUIT OF INNOVATION
LED WARNING BARS

# HL90 series Φ 90mm LED Headlamp

E-mark RoHS CE

New

Description: Application of the latest patent technology, (Patent No, ZL201320050551.X), Comply with ECE/SAE/GB standards, novel optic Design, low consumption, 18W only, international leading technology level, more energy saving. Good idea for new energy vehicle industry.

HL90 LOW Beam

HL90H HighBeam
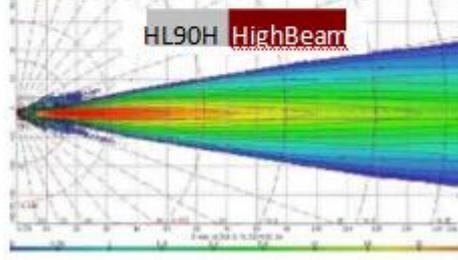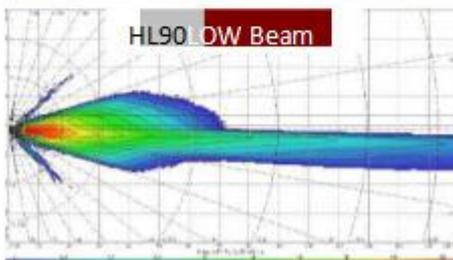
◇ Function: low beam & high beam
◇ Operating voltage: 9~33V DC
◇ Operating temperature: -40~80℃
◇ Light source: LED OSRAM
◇ Power consumption: 18W max
◇ Comply with ECE R112/GB14599
◇ EMC: ECE R10.04 & IEC CIS PR25
◇ Outer Lens: UV resistant PC for automotive, special coating for scratch resistance
◇ Precision die-cast aluminum base
◇ IP67
◇ E-mark approval

Remark: It is available for light level adjustment motor for headlamp, please check with our company

※ HL90 low beam light simulation compare with realistic lamp light output

Realistic lamp

Light simulation

flux=400 lm; I max at[1.1,-1.9]=23800 cd
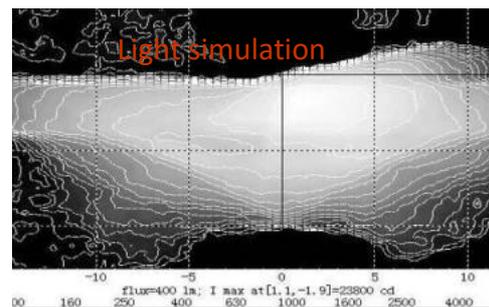
A95 Series LED Auto Lamp& Decorated Ring

E-mark ㈱ RoHS CE

Description: Consist of A95 a single LED Auto lamp and a decorated ring(optional part), Fix the lamp and the ring together on the vehicle, easier and beautiful. The color for the decorated ring can be customized to match with the color of the vehicle.

| A95-S/T | A95-DI | A95-F | A95-RE | A95-RR |

| A95-S/T with decorated ring | A95-DI with decorated ring | A80-F with decorated ring | A95-RE with decorated ring |

◇ Operating Voltage: DC12V or DC24V

◇ Operating temperature: -40~65℃

◇ IP67

◇ E-mark approval

◇ Decorated ring is an Optional part, the color for the decorated ring White, Black or Chromed etc.

Applications: Widely used on Buses, trailer, truck Recreational Vehicle and special vehicle

Decorated ring: white, Black or Chromed

P/N	Part Name	standard	LED QTY	lens	Approval	
A95- S/T	Stop/ Tail lamp	ECE/ADR/SAE/GB	Red-14	Red	E-mark	3C
A95-DI	Rear Direction Indicator	ECE/ADR/SAE/GB	Amber-14	Amber	E-mark	3C
A95-RE	Reversing lamp	ECE/ADR/SAE/GB	White-14	white	E-mark	3C
A95-F	Rear Fog lamp	ECE/ADR/SAE/GB	Red-14	Red	E-mark	
A95-RR	Retro-reflector	ECE/ADR/SAE/GB		Red	E-mark	
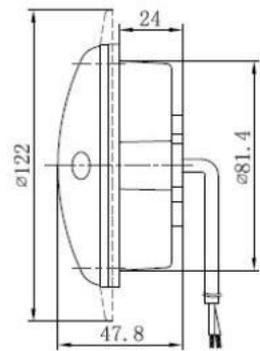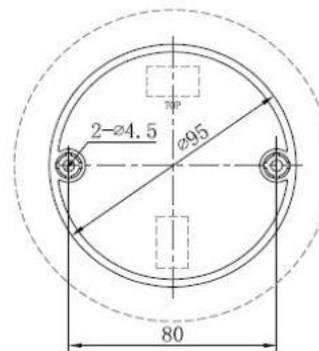
C95 Series   LED Auto Lamp

E-mark ㏄ RoHS CE

Description: Install and fix the lamp from back side.

C95-S/T/DI

C95-S/T

C95-S/T/RR
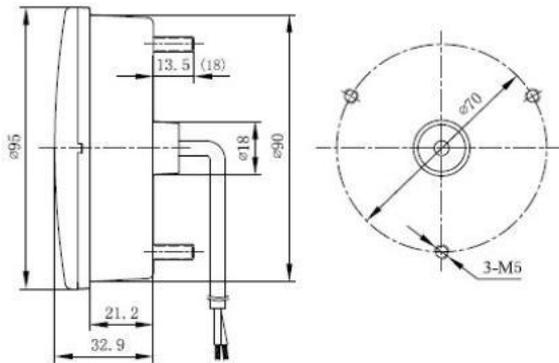

C95-DI

C95-FDI

C95-F/RE

C95-RE

C95-F

C95-F/RR

C95-FDI/FPL

Specification:

◇ Operating Voltage: DC12V or DC24V or DC9~33V

◇ Operating temperature: -40~65℃

◇ IP67

　　◇ E-mark Approval &3C certificated

Applications: Widely used on Buses, trailer, truck, Recreational Vehicle and special vehicles

P/N	Part Name	standard	LED QTY	lens	Approval	
C95- S/T/DI	Stop/ Tail/Direction Indicator	ECE/ADR/SAE/GB	Red-16 Amber-16	Colored or clear	E-mark	3C
C95-S/T	Stop/ Tail lamp	ECE/ADR/SAE/GB	Red-18	Red or clear	E-mark 3C	
C95-S/T/RR	Stop/ Tail lamp with Retro-reflector	ECE/ADR/SAE/GB	Red-16	Red	E-mark	
C95-DI	Rear Direction Indicator	ECE/ADR/SAE/GB	Amber-18	Amber or clear	E-mark	3C
C95-FDI	Front Direction Indicator	ECE/ADR/SAE/GB	Amber-32	Clear or Amber	E-mark 3C	
C95-F/RE	Rear Fog/Reversing lamp	ECE/ADR/SAE/GB	Red-16 White-16	White or colored	E-mark	
C95-RE	Reversing lamp	ECE/ADR/SAE/GB	White-18	white	E-mark	3C
C95-F	Rear Fog lamp	ECE/ADR/SAE/GB	Red-18	Red or white	E-mark	
C95-F/RR	Rear Fog with Retro-reflector	ECE/ADR/SAE/GB	Red-16	Red	E-mark	3C
C95-FDI/FPL	Front Direction Indicator /Front Position lamp	ECE/ADR/SAE/GB	Amber-16 White-16	white	3C	

C95B Series LED Auto Light

E-mark (((RoHS CE

Description: Consist of C95B a single LED Auto lamp and a decorated ring, more beautiful. The color for the ring can be customized to match the color of the vehicle. Recessed installation, fixed from front side or back side of the lamp.
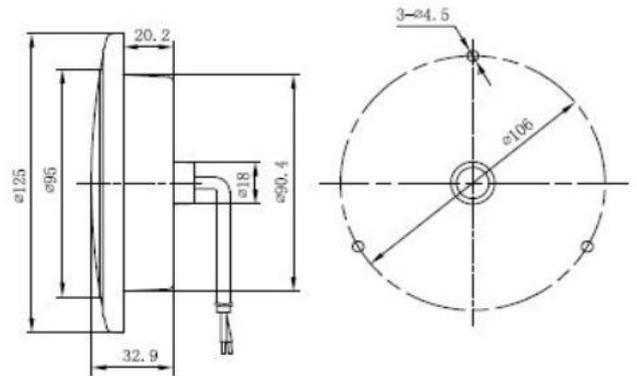
C95B-S/T/DI	C95B-S/T	C95B-S/T/RR	C95B-DI	C95B-FDI
C95B-F/RE	C95B-RE	C95B-F	C95B-F/RR	C95B-FDI/FPL

Specification:

◇ Operating Voltage: DC12V or DC24V or DC9~33V

◇ Operating   temperature: -40~65℃

◇ IP67

◇ E-mark Approval &3C certificated

Application: Widely used on Buses, trailer, truck, Recreational Vehicle and special vehicles

P/N	Part Name	standard	LED QTY	lens	Approval	
C95B- S/T/DI	Stop/ Tail/Direction Indicator	ECE/ADR/SAE/GB	Red-16 Amber-16	Colored or clear	E-mark	3C
C95B-S/T	Stop/ Tail lamp	ECE/ADR/SAE/GB	Red-18	Red or clear	E-mark	3C
C95B-S/T/RR	Stop/ Tail lamp with Retro-reflector	ECE/ADR/SAE/GB	Red-16	Red	E-mark	
C95B-DI	Rear Direction Indicator	ECE/ADR/SAE/GB	Amber-18	Amber or clear	E-mark	3C
C95B-FDI	Front Direction Indicator	ECE/ADR/SAE/GB	Amber-32	Clear or Amber	E-mark 3C	
C95B-F/RE	Rear Fog/Reversing lamp	ECE/ADR/SAE/GB	Red-16 White-16	White or colored	E-mark	
C95B-RE	Reversing lamp	ECE/ADR/SAE/GB	White-18	white	E-mark	3C
C95B-F	Rear Fog lamp	ECE/ADR/SAE/GB	Red-18	Red or white	E-mark	
C95B-F/RR	Rear Fog with Retro-reflector	ECE/ADR/SAE/GB	Red-16	Red	E-mark	3C
C95B-FDI/FPL	Front Direction Indicator /Front Position lamp	ECE/ADR/SAE/GB	Amber-16 White-16	white	3C	

C95C Series   LED Auto Light

E-mark (((RoHS CE

Description: Surface mounting.

C95C-S/T/DI	C95C-S/T	C95C-S/T/RR	C95C-DI	C95C-FDI

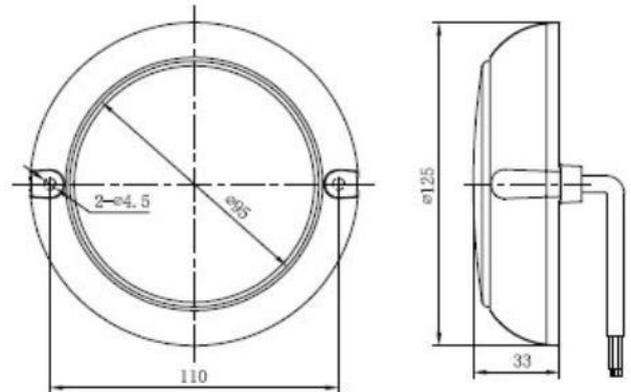| C95C-F/RE	C95C-RE	C95C-F	C95C-F/RR	C95C-FDI/FPL

Specification:

◇ Operating Voltage: DC12V or DC24V or DC9~33V

◇ Operating temperature: -40~65℃

◇ IP67

◇ E-mark Approval &3C certificated

Applications: Widely used on Buses, trailer, truck,

Recreational Vehicle and special vehicle

P/N	Part Name	standard	LED QTY	lens	Approval	
C95- S/T/DI	Stop/ Tail/Direction Indicator	ECE/ADR/SAE/GB	Red-16 Amber-16	Colored or clear	E-mark	3C
C95-S/T	Stop/ Tail lamp	ECE/ADR/SAE/GB	Red-18	Red or clear	E-mark	3C
C95-S/T/RR	Stop/ Tail lamp with Retro-reflector	ECE/ADR/SAE/GB	Red-16	Red	E-mark	
C95-DI	Rear Direction Indicator	ECE/ADR/SAE/GB	Amber-18	Amber or clear	E-mark	3C
C95-FDI	Front Direction Indicator	ECE/ADR/SAE/GB	Amber-32	Clear or Amber	E-mark 3C	
C95-F/RE	Rear Fog/Reversing lamp	ECE/ADR/SAE/GB	Red-16 White-16	White or colored	E-mark	
C95-RE	Reversing lamp	ECE/ADR/SAE/GB	White-18	white	E-mark 3C	
C95-F	Rear Fog lamp	ECE/ADR/SAE/GB	Red-18	Red or white	E-mark	
C95-F/RR	Rear Fog with Retro-reflector	ECE/ADR/SAE/GB	Red-16	Red	E-mark	3C
C95C-FDI/FPL	Front Direction Indicator /Front Position lamp	ECE/ADR/SAE/GB	Amber-16 White-16	white	3C	

A122 Series   LED Auto Light

E-mark (((RoHS CE

A122-S/T/DI

A122-S/T/DI/RR

A122-S/T
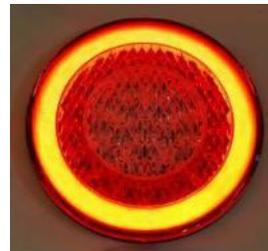

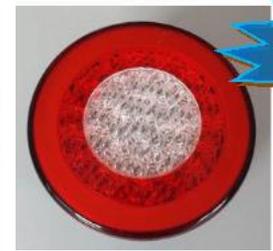A122-DI

A122-F/RE

A122-F/RE/RR
A122-RE/RR

A122-RE

A122-F

Specification:

◇ Operating Voltage: DC12V or DC24V or DC9~33V

◇ Operating temperature: -40~65℃

◇ IP67

◇ E-mark Approval

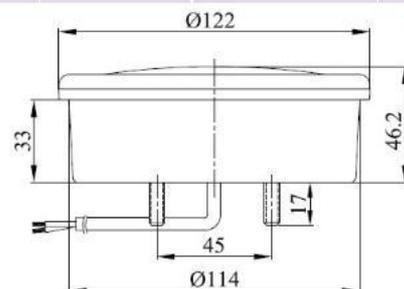Applications: Widely used on Buses, trailer, truck, Recreational Vehicle and special vehicle

A122-S/T/DI-II   Light guide for Tail lamp

New

P/N	Part Name	standard	LED QTY	lens	Approval
A122-S/T/DI	Stop/ Tail/DI	ECE/ADR/SAE/GB	Red-18 Amber-32	Colored	E-mark
A122-S/T/DI-II	Stop/ Tail/DI type II Light guide for Tail lamp	ECE/ADR/SAE/GB	Red-18+16 Amber-16	Colored	E-mark
A122-S/T/DI/RR	Stop/ Tail lamp/DI with Retro-reflector	ECE/ADR/SAE/GB	Red-16 Amber-16	Colored	E-mark
A122-S/T	Stop/ Tail lamp	ECE/ADR/SAE/GB	Red-21	Red	E-mark
A122-DI	Rear Direction Indicator	ECE/ADR/SAE/GB	Amber-21	Amber	E-mark
A122-F/RE	Rear Fog/Reversing lamp	ECE/ADR/SAE/GB	Red-18 White-32	White or colored	E-mark
A122-F/RE/RR	Rear Fog/Reversing lamp with Retro-reflector	ECE/ADR/SAE/GB	Red-16 White-16	Colored	E-mark
A122-RE/RR	Reversing lamp with Retro-reflector	ECE/ADR/SAE/GB	White-16	Colored	E-mark
A122-RE	Reversing lamp	ECE/ADR/SAE/GB	White-21	Clear	E-mark
A122-F	Rear Fog lamp	ECE/ADR/SAE/GB	Red-21	Red	E-mark

Ø122
33
46.2
17
45
Ø114

A122B Series   LED Auto Lamp   E-mark ⓒⓒⓒ RoHS CE

Description: Consist of A122B a single LED Auto lamp and a decorated ring, more beautiful. The color for the ring can be customized to match with the color of the vehicle. Recessed installation, fixed from front side or back side of the lamp.

A122B-S/T/DI/RR   A122B-F/Re/RR   A122B-S/T/DI

A122B-S/T   A122B-DI   A122B-F   A122B-Re

Specification:

◇ Operating Voltage: DC12V, DC24V or DC9~33V

◇ Operating temperature: -40~65℃

◇ IP67

◇ E-mark Approval

Applications: Widely used on Buses,

trailer, truck , Recreational Vehicle and special vehicle
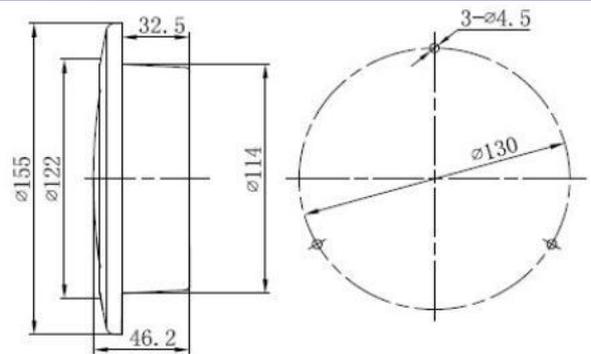
P/N	Part Name	standard	LED QTY	lens	Approval
A122B-S/T/DI	Stop/ Tail/Direction Indicator	ECE/ADR/SAE/GB	Red-18 Amber-32	Colored	E-mark
A122B-S/T/DI/RR	Stop/ Tail/Direction Indicator with Retro-reflector	ECE/ADR/SAE/GB	Red-16 Amber-16	Colored	E-mark
A122B-S/T	Stop/ Tail lamp	ECE/ADR/SAE/GB	Red-24	Red	E-mark
A122B-DI	Rear Direction Indicator	ECE/ADR/SAE/GB	Amber-24	Amber	E-mark
A122B-F/RE	Rear Fog/Reversing lamp	ECE/ADR/SAE/GB	Red-18 White-32	White or colored	E-mark
A122B-F/RE/RR	Rear Fog/Reversing lamp with Retro-reflector	ECE/ADR/SAE/GB	Red-16 White-16	Colored	E-mark
A122B-RE/RR	Reversing lamp with Retro-reflector	ECE/ADR/SAE/GB	White-16	Colored	E-mark
A122B-RE	Reversing lamp	ECE/ADR/SAE/GB	White-24	Clear	E-mark
A122B-F	Rear Fog lamp	ECE/ADR/SAE/GB	Red-24	Red	E-mark

C140/C140B Series — LED Auto Light

E-mark RoHS CE

Description: Consist of C140 a single LED Auto lamp and a mounting housing. First fix the mounting housing on the vehicle, then fix the lamp on the housing.

C140-S/T/DI
C140B-S/T/DI

C140-RE
C140B-RE

C140-F
C140B-F
C140B-S/T

mounting housing

Back side
with 6.3mm Terminal

Specification:

◇ Operating Voltage: DC12V or DC24V or DC9~33V

◇ Operating temperature: -40~65℃

◇ IP67

◇ E-marked

Applications: Widely used on Buses, trailer, truck Recreational Vehicle and special vehicle

P/N	Part Name	standard	LED QTY	lens	Approved
C140-S/T/DI	Stop/ Tail/Direction Indicator	ECE/ADR/SAE/GB	Red-40 Amber-23	Colored	E-mark
C140B-S/T/DI	Stop/ Tail/Direction Indicator	ECE/ADR/SAE/GB	Red-18 Amber-14	Colored	E-mark
C140-RE	Reversing lamp	ECE/ADR/SAE/GB	White-61	Clear	E-mark
C140B-RE	Reversing lamp	ECE/ADR/SAE/GB	White-32	Clear	E-mark
C140-F	Rear Fog lamp	ECE/ADR/SAE/GB	Red-61	Red	E-mark
C140B-F	Rear Fog lamp	ECE/ADR/SAE/GB	Red-32	Red	E-mark
C140B-S/T	Stop/ Tail lamp	ECE/ADR/SAE/GB	Red-32		

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Ø140

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2-M6

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45

Ø137

52.5

31

Ø129
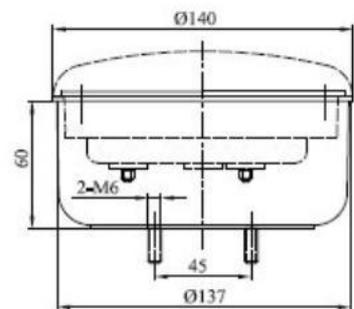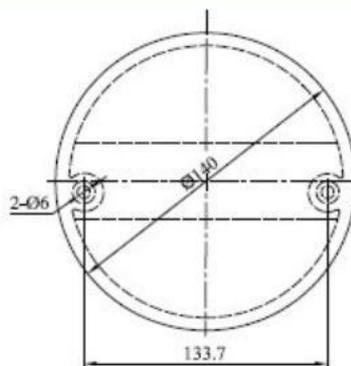
Mounting housing
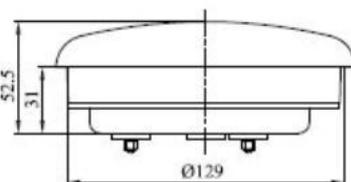
A80 Series　LED Auto Lamp

E-mark RoHS CE

Description:　Install and fix the lamp from back side.

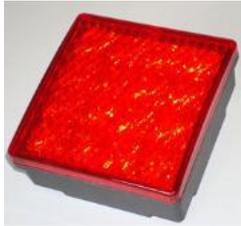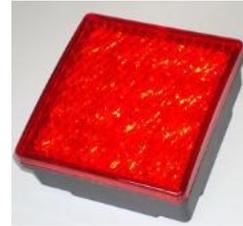| A80-S/T/DI | A80-F/RE | A80-T/RR | A80-FDI/FPL | Back side |

| A80-S/T | A80-DI | A80-RE | A80-F | A80-T/DI |

P/N	Part Name	standard	LED QTY	Lens	Approved
A80- S/T/DI	Stop/ Tail/Direction Indicator	ECE/ADR/SAE/GB	Red-12 Amber-12	Red+Amber	E-mark
A80-F/RE	Rear Fog/Reversing lamp	ECE/ADR/SAE/GB	Red-18 White-15	Clear	E-mark
A80-T/RR	Tail lamp with Retro-reflector	ECE/ADR/SAE/GB	Red-8	Red	E-mark
A80-FDI/FPL	Front Direction Indicator	ECE/ADR/SAE/GB	White-6 Amber-27	Clear	E-mark
A80-S/T	Stop/ Tail lamp	ECE/ADR/SAE/GB	Red-16	Red or Clear	E-mark
A80-DI	Rear Direction Indicator	ECE/ADR/SAE/GB	Amber-16	Amber or Clear	E-mark
A80-RE	Reversing lamp	ECE/ADR/SAE/GB	White-16		E-mark
A80-F	Rear Fog lamp	ECE/ADR/SAE/GB	Red-16	Red or Clear	E-mark
A80-T/DI	Rear Direction Indicator	ECE/ADR/SAE/GB	Red-8 Amber-12	clear	E-mark

Specification:

◇ Operating Voltage: DC12V or DC24V or DC9~33V

◇ IP67

◇ Operating temperature: -40~65℃

◇ E-mark approval

Applications: Widely used on, trailer, truck ,

Recreational Vehicle and special vehicle
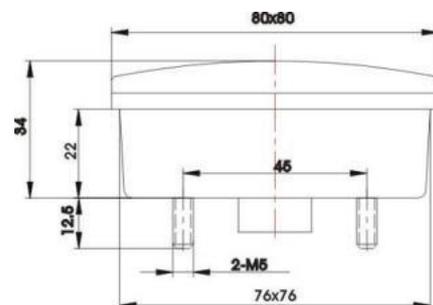
A80B Series LED Vehicle Lamp

Description: Combined with lamp and surface mounting housing, firstly fix the mounting housing on the body of vehicle, secondly, to push the lamp into the surface mounting housing. Just use a screwdriver to uninstall the lamp.

A80B-S/T/DI	A80B-F/RE	A80B-T/RR	A80B-FDI/FPL	mounting housing

A80B-S/T	A80B-DI	A80B-RE	A80B-F	A80B-T/DI

P/N	Name	Standard	LED	Outer Lens	Approval
A80B- S/T/DI	Stop/Tail/Direction Indicator	ECE/ADR/SAE/GB	Red-12 Amber-12	Red+Amber	E-mark
A80B-F/RE	Rear Fog/Reverse lamp	ECE/ADR/SAE/GB	Red-18 White-15	Clear	E-mark
A80B-T/RR	Rear position lamp with reflector	ECE/ADR/SAE/GB	Red-8	Red	E-mark
A80B-FDI/FPL	Front Direction Indicator/Front position lamp	ECE/ADR/SAE/GB	White-6 Amber-27	Clear	E-mark
A80B- S/T	stop/Tail lamp	ECE/ADR/SAEGB	Red-16	Red or Clear	E-mark
A80B-DI	Rear direction indictor	ECE/ADR/SAE/GB	Amber-16	Amber or Clear	E-mark
A80B-RE	Reverse lamp	ECE/ADR/SAE/GB	White-16	Clear	E-mark
A80B-F	Rear Fog lamp	ECE/ADR/SAE/GB	Red-16	Red or Clear	E-mark
A80B-T/DI	Rear position/Rear direction indicator	ECE/ADR/SAE/GB	Red-8 Amber-12	Clear	E-mark

Specification:

◇ Operating Voltage: DC12V or DC24V or DC9~33V

◇ IP67

◇ Operating temperature: -40~65℃

◇ E-mark approval

Application: Widely used on Buses, trailer, truck,

Recreational Vehicle and special vehicle

# A80B Series Multi-Functional Rear Lamp

E-mark RoHS CE

Description: Combined with a couple of A80B single LED lamp and surface mounting housing. Firstly fix the mounting housing on the body of vehicle, secondly, to push the lamp into the surface mounting housing, Just use a screwdriver to uninstall the lamp. Combine whatever you want. Tables as below for your reference:

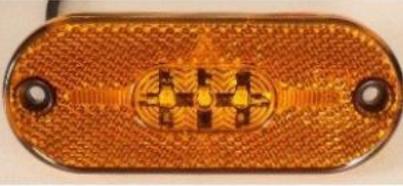| P/N	Name	Picture	Remark
A80B- DI/S/T/RE:	Direction Indicator+Stop/Tail +Reverse Lamp		For both side right and left of vehicle no Rear Fog lamp
A80B-S/T/DI/RE	Stop/Tail+ Direction Indicator +Reverse lamp		For right side of vehicle only
A80B-S/T/DI/F	Stop/Tail+Direction Indicator+ Rear Fog Lamp		For left side of vehicle only
A80B-S/T/DI/F/RE/ RR	Stop/Tail/Direction Indicator+ Rear Fog/Reverse+ Retro-reflector		For both side right and left of vehicle
A80B-S/T/DI/F/RE	Stop/Tail+Direction Indicator+ Rear Fog/Reverse lamp		For both side right and left of vehicle
	Surface Mounting housing		PC+ABS Black

Specification:

◇ Operating Voltage: DC12V or DC24V or DC9~33V

◇ Operating temperature: -40~65℃

◇ Light source: high efficiency LED

◇ IP67

◇ Comply with ECE/ADR/SAE/GB requirements

◇ E-Mark Approval

Application: Widely used on Buses, trailer,

truck , Recreational Vehicle and special vehicle
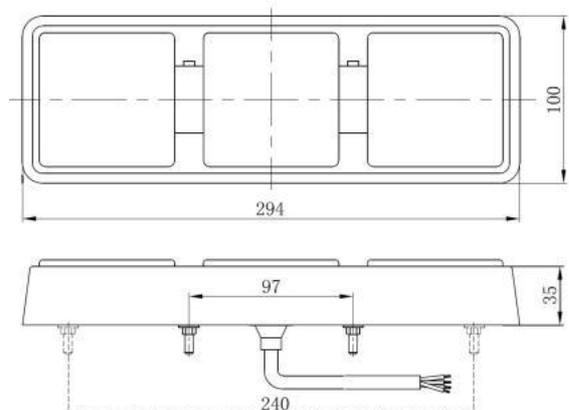
C55 Series — LED Auto Lamp

New

E-mark RoHS CE

| C55-F | C55-RE | C55-DI | C55-FDI |

P/N	Name	Standard	LED	Outer Lens	Approval
C55-F	Rear Fog lamp	ECE/ADR/SAE/GB	4W	Red or Clear	E-mark
C55-RE	Reversing lamp	ECE/ADR/SAE/GB	2W	Clear	E-mark
C55-DI	Rear Direction Indicator	ECE/ADR/SAE/GB	2W	Amber	E-mark
C55-FDI	Front Direction Indicator	ECE/ADR/SAE/GB	4W	Clear or Amber	E-mark

◇ Operating Voltage: DC12V, DC24V or DC9~33V

◇ Operating temperature: -40~65℃

◇ IP67

◇ E-mark approval

Application: Widely used on Buses, trailer, truck, Recreational Vehicle and special vehicle

AL1330 — LED End-outline lamp

New

| P/N: AL1330-G Grey housing | P/N: AL1330-W white housing | P/N: AL1330-B Black housing |

Specification:

◇ Operating Voltage: DC12V, DC24V or DC9~33V

◇ Operating temperature: -40~65℃

◇ Light source: 3 Red+3 white SMT LEDs

◇ IP67

◇ Comply with ECE/SAE/ADR/GB Requirement

◇ E-mark approval

Application: Widely used on Buses, trailer, truck,

Recreational Vehicle and special vehicle

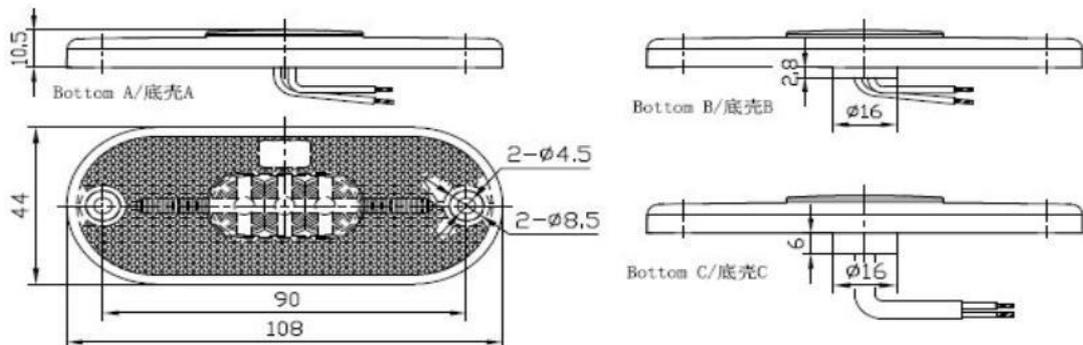# AL1080/AL1080C Side Marker, End Out-line Marker Lamp   ADR RoHS CE

Description: Slim design, creative   structure, not only   meet to   ADR special   requirement,   but also comply with ECE , SAE, GB requirements. ADR approval and E-mark approval

P/N	Part Name	Photo	Approval、Comment
AL1080-FMR	Front position With Retro-reflector		ò ECE R7 ò 3+2pcs LEDs white
AL1080C-FMR			ò ADR49；ECE R7 ò 3pcs LEDs white
AL1080-RMR	Rear position With Retro-reflector		ò ECE R7 ò 3+2pcs LEDs Red
AL1080C-RMR			ò ADR49；ECE R7 ò 3pcs LEDs Red
AL1080-SMR	Side marker lamp With Retro-reflector		ò ECE R7 ò 3+2pcs LEDs Red
AL1080C-SMR-AR	Side Mark lamp Red/Amber For ADR		ò ADR45 ò 6cs LEDs Red+Amber
AL1080C-SMR	Side Marker lamp With Retro-reflector		ò ADR45；ECE R7 ò 3pcs LEDs Amber
AL1080C-SDI	Side Direction Indicator Cat5 With retro-reflector		ò ADR6；ECE R6 ò 3pcs LEDs Amber

New

Specifications:

◇ Operating Voltage: DC12V, DC24V or DC9~33V

◇ Operating Temperature: -40~65℃

◇ UV resistant PMMA outer lens

◇ Comply with ECE/ADR/SAE/GB requirements,

◇ E-mark & ADR Approval.

◇ Optional bottom for cable outlet position as below draft

◇IP67

AL130 Series   Side Marker, End Out-line Marker Lamp

◇ Operating Voltage: DC12V, DC24V or DC9~33V

◇ Operating temperature: -40~65℃

◇ Light   Source: 3pcs of   high   efficiency SMT
    LEDs, Amber

◇ IP67

◇ Comply with ECE/SAE/GB requirements

◇ E-Mark Approval

◇ Fixed: 3M adhesive tape, easier to fix

Application: Widely by used on Buses, trailer,
truck,   Recreational Vehicle and special vehicle

E-mark RoHS CE

New
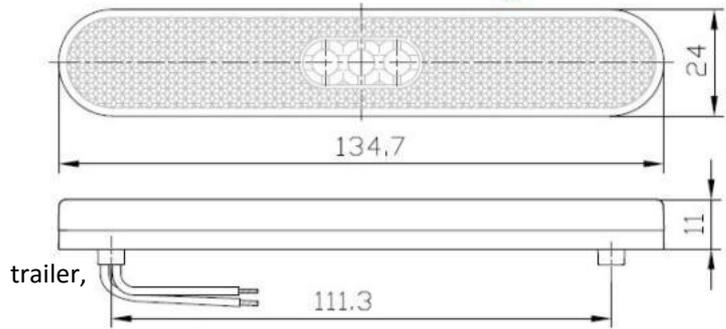
AL130-SMR Sider Marker Lamp

AL130-RMR Rear Position Lamp

AL27 Series   LED Position Lamp, side marker lamp

E-mark RoHS CE

AL27-FPL   Front Position Lamp

Specifications:

◇ Operating Voltage: DC12V or DC24V

◇ Operating Temperature: -40~65℃

◇ Light Source: 4pcs high efficiency SMT LEDs

◇ IP67

◇ Comply with ECE/ADR/SAE/GB requirements

◇ E-Mark Approval

Application: Widely used on Buses, trailer, truck,
Recreational Vehicle and special vehicle.

AL27-RPL   Rear Position Lamp

AL27-SM   Side Marker Lamp
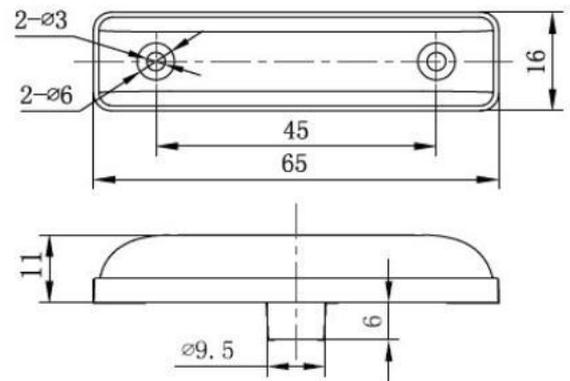
AL30/AL30C Series   Positon Lamp/Side Marker lamp   E-mark RoHS CE

Description: Recessed installation, easier to install, suitable for 1.0~2mm thickness of the panel, cutting size of mounting hole as below
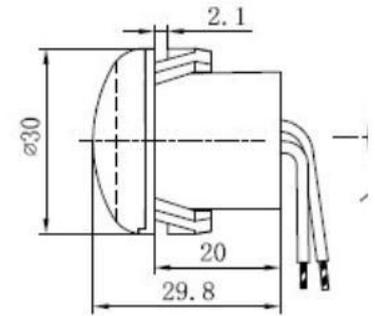

AL30-FPL
Front Position Lamp
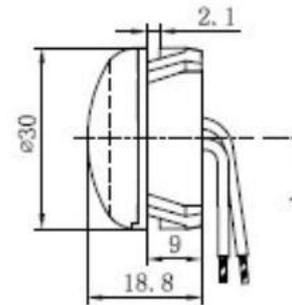

AL30-RPL
Rear Position Lamp

AL30-SM
Side Marker Lamp

AL30C-FPL
Front Position Lamp


AL30C-RPL
Rear Position Lamp

AL30C-SM
Side Marker Lamp

Specification:

◇ Operating Voltage: DC12V, DC24V or DC9~33V

◇ Operating Temperature: -40~65℃

◇ Light source: high power LED, 0.5W

◇ Outer lens: UV resistant PMMA

◇ IP67

◇ Comply with ECE/ADR/SAE/GB requirements

◇ E-mark approval

◇ Applications: Widely used on Buses, trailer,
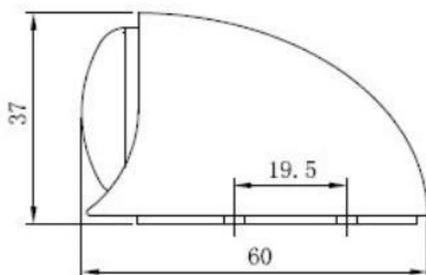   truck, Recreational Vehicle and special vehicle.

开孔尺寸/Panel Cut
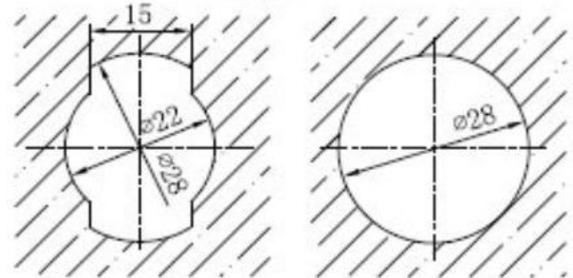
方案1   方案2

AL30 Series Position Lamp with surface mounting housing

Description: Consist of AL30 lamp and surface mounting housing, suit to fix on the top of the vehicle. Optional Color for surface mounting housing: white, black or customized

New

Specification: See Above

AL30-FPL+H
Front Position Lamp

AL30-RPL+H
Rear Position Lamp

AL30 Series Positon Lamp/Side Marker lamp With Grommet

E-mark RoHS CE

Description: Recessed installation, suitable for 1.0~5mm thickness of the panel, cutting size of mounting hole as below.

AL30-FPL+G
Front Position Lamp

AL30-RPL+G
Rear Position Lamp

AL30-SM+G
Side Marker Lamp

Grommet

New

Specification:

◇ Operating Voltage: DC12V, DC24V or DC9-33V

◇ Operating Temperature: -40~65℃
◇ Light source: high power LED, 0.5W
◇ Outer lens: UV resistant PMMA
◇ IP67
◇ Comply with ECE/ADR/SAE/GB requirements
◇ E-mark approval

Applications: Widely used on Buses, trailer, truck , Recreational Vehicle and special vehicle.
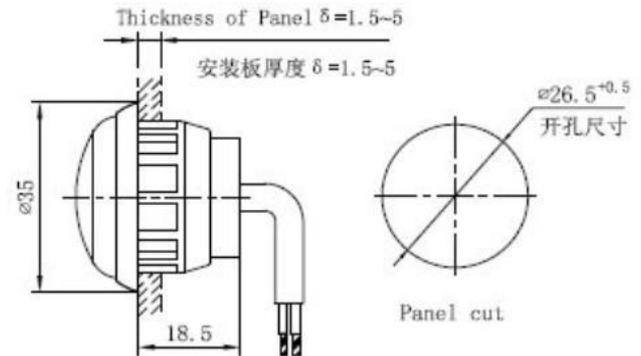
AL30-SDI   Side Direction Indicator Cat5.

New

◇ Operating Voltage: DC12V, DC24V or DC9~33V
◇ Operating Temperature: -40~65℃
◇ Light source: high power LEDs, 0.5W
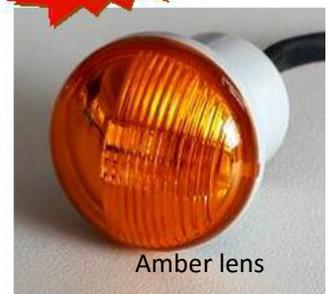◇ Outer lens: UV resistant PMMA
◇ IP67
◇ Comply with ECE/ADR/SAE/GB requirements
◇ E-mark approval (Category 5)

Applications: Widely used on Buses, trailer, Truck, Recreational Vehicle and special vehicle.
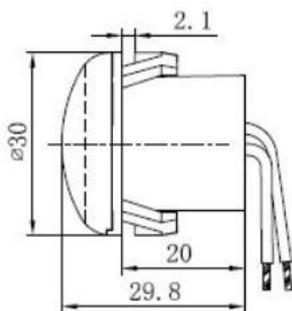

Clear lens

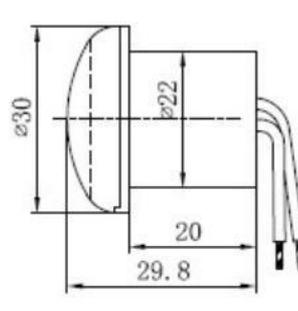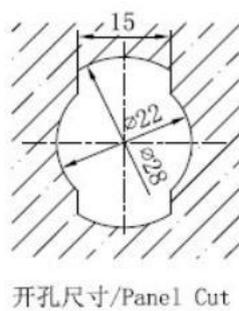AL30-SDI-C
AL30-SDI-C-3M with3M tape

Amber lens
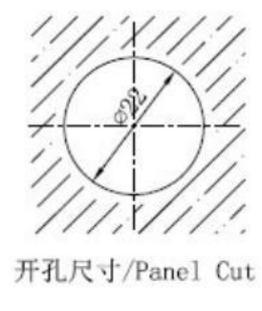
AL30-SDI
AL30-SDI-3M   with3M tape

Installation: 3M tape or Recessed Installation, the cutting size of mounting hole as below draft

Recessed Installation

Fixed with 3M tape
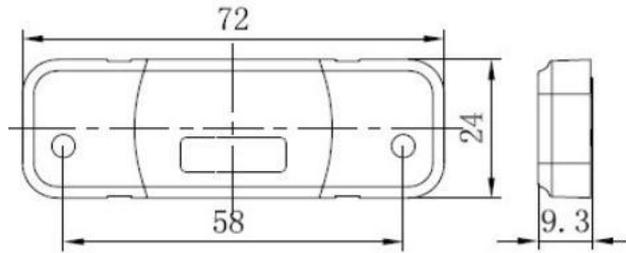
AL28 Series — LED Position Lamp

E-mark RoHS CE **New**

AL28-RPL Rear Position Lamp

AL28-FPL Front Position Lamp

◇ Operating Voltage: DC12V or DC24V
◇ Operating Temperature: -40~65℃
◇ Light Source: 2pcs of high efficiency SMT LEDs
◇ IP67
Comply with ECE/ADR/SAE/GB requirements,
◇ E-Mark approval
◇ Fixed: Permanent mount or more convenient to fix with 3M tape

S3-028 — LED High Mounted Stop Lamp

E-mark RoHS CE

Description: 9mm Slim design, more suitable for small place or space which have limitation

|	
S3-028	Red lens, Sided wire
S3-028-M	Red lens, Center wire
S3-028-C	White lens, Sided wire
S3-028-CM	White lens, Center wire

Specifications:

◇ Operating Voltage: DC12V or DC24V
◇ Operating Temperature: -40~65℃
◇ Light Source: 12 PCS of high efficiency SMT LEDs

◇ UV resistant PC outer lens
◇ Optional outer Lens color: Red or Clear
◇ IP67
◇ Comply with ECE/ADR/SAE/GB requirements
◇ E-Mark approval
◇ Fixed: Permanent mount or more convenient to fix with 3M tape

Application: Widely used on buses, trailers, trucks, Recreational Vehicles and special vehicles.

Version1: Sided Wire/端部出线

Version2: Center Wire/中间出线
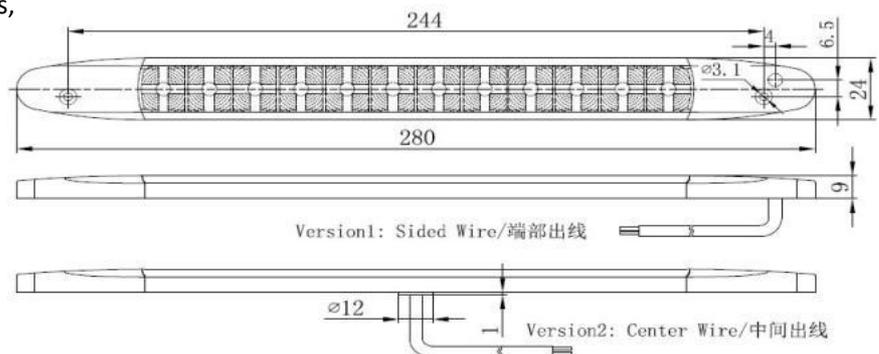
S3-027 LED High Mounted Stop Lamp

E-mark RoHS CE

◇ Operating Voltage: DC12V or DC24V
◇ Operating Temperature: -40~65℃
◇ Light Source: 24pcs of high efficiency LEDs
◇ UV resistant PC outer lens
◇ Outer lens color: red   or clear
◇ IP67
◇ Comply with ECE/ADR/SAE
◇ Recessed Installation
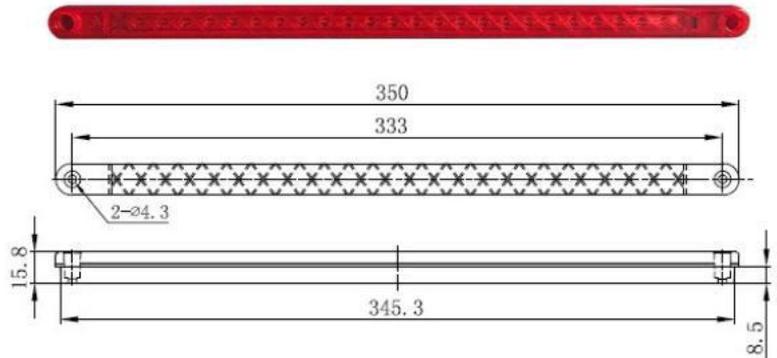
S3-027 LED High Mounted Stop Lamp with surface mounting

Description: Consist of S3-027 high mounted stop lamp and surface mounting housing. Fix the lamp and the

housing together on the vehicle, easy more and beautiful. The color can be customized to match the color

of the vehicle

Surface mounting housing:
◇   UV resistant
◇   Optional   Color: white black or customized.
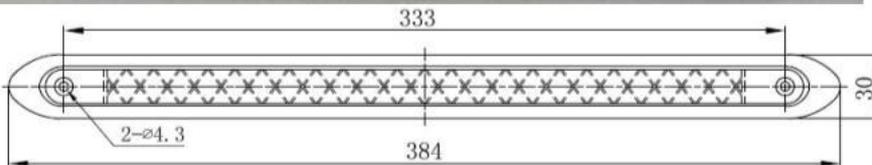
S3-029 LED High Mounted Stop Lamp

Description: Slim design, Surface mounting, easy to install
◇ Operating Voltage: DC12V or DC24V
◇ Operating Temperature: -40~65℃
◇ Light Source: 18PCS of high efficiency SMT LEDs

◇ UV resistant PC outer lens
◇ Optional outer lens color: Red or Clear

◇ IP67
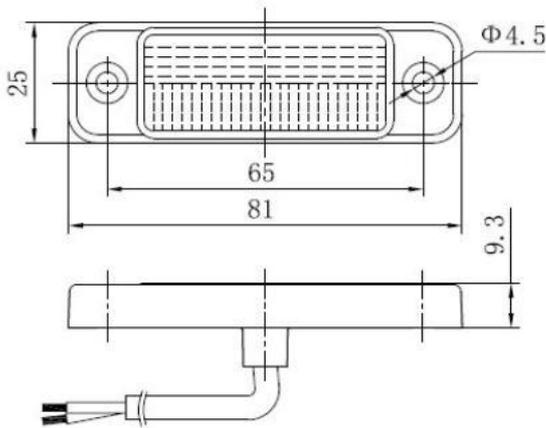◇ Comply with ECE/ADR/SAE/GB requirements
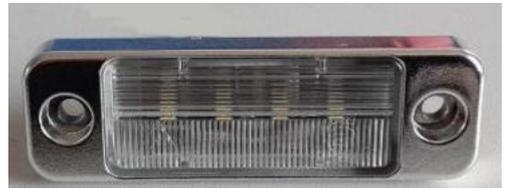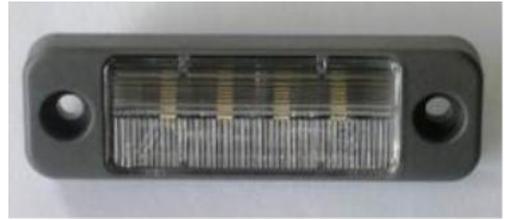◇ E-Mark approval

AL25-LP   LED License Plate Lamp

◇ Operating Voltage: DC12V, DC24V or DC9~33V

◇ Operating temperature: -40~65℃

◇ Light Source: 4pcs of high light efficiency SMT LEDs,

◇ IP67

◇ Comply with ECE/ADR/SAE/GB requirements

◇ E-Mark approval

Application: Widely used on Buses, trailer, truck ,

Recreational Vehicle and special vehicle.

Remark for Installation: a couple of lamps, please reference

to the specification on the certificate

E-mark RoHS CE

Chromed housing

C02-LP   LED License Plate Lamp

◇ Operating Voltage: DC12V, DC24V or DC9~33V

◇ Operating temperature: -40~65℃

◇ Light Source: 4pcs of high light efficiency SMT LEDs.

◇ IP67

◇ Comply with ECE/ADR/SAE/GB requirements

◇ E-Mark approvable

Application: Widely used on Buses, trailer, truck ,

Recreational Vehicle and special vehicle.

Remark for Installation: a couple of lamps, please

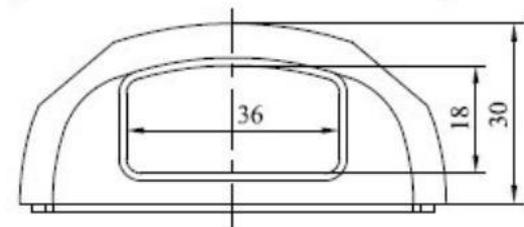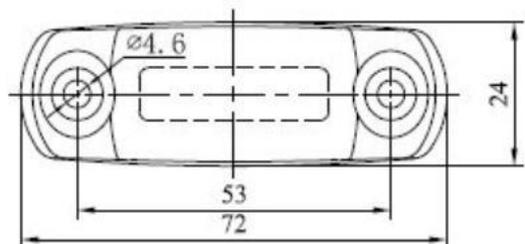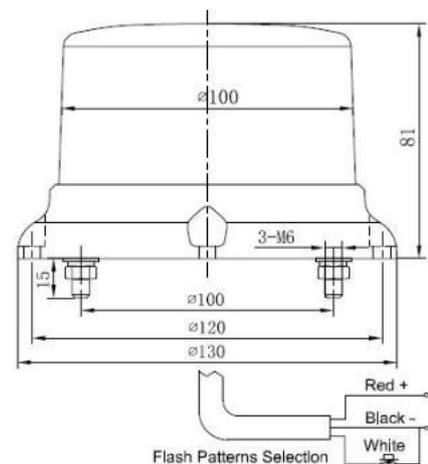reference to the specification on the certificate

BL100 Series — LED Warning Beacon ECE R65

E-mark RoHS CE

New

Description: Application of the latest patent technology, meeting to ECE R65&SAE J845 requirements, the beacon has even and continuous and very strong light in a horizontal 360°degree.

P/N	Color	Standard	Fixed	Approval	Power	Picture
BL100-A	Amber	ECE R65 Class1 SAE J845 Class1 EMC R10.04&CIS PR25	Permanent	E-mark ECE R65 ECE R10.04	25W max	
BL100-A-M			magnet			
BL100-A-DIN			DIN mounting			
BL100-BL	Blue	ECE R65 Class1 SAE J845 Class1 EMC R10.04&CIS PR25	Permanent	ECE R10.04	25W max	
BL100-BL-M			magnet			
BL100-BL-DIN			DIN mounting			
BL100-R	Red	ECE R65 Class1 SAE J845 Class1 EMC R10.04&CIS PR25	Permanent	E-mark ECE R10.04	25W max	
BL100-R-M			magnet			
BL100-R-DIN			DIN mounting			

Magnet

DIN mounting

ⲫ100
81
3-M6
15
ⲫ100
ⲫ120
ⲫ130

Red +
Black -
White
Flash Patterns Selection

Specs&Feature:

◇ Operating Voltage: DC9~33V

◇ Operating Temperature: -40~65℃

◇ Light source: 12*3W high power LEDs

◇ Light color: Amber, blue, red light or other customized light

◇ 360°strobe, Built-in Flasher with 9 Flash light patterns(optional), PC programmable control, comply with ECE R65 requirements, including standard quad flash, double flash, also with a simulative Rotating pattern, or other customized flash patterns

◇ Option Flash light pattern, by using the White wire to touch the Black wire"-"

◇ Multiple beacons may be connected to provide synchronous or alternate flash patterns.

◇ Reverse polarity protect.

◇ UV resistant of PC outer lens and Aluminum alloy die-cast bottom, with powder coated finished; stainless steel hardware

◇ IP67 Rated

◇ Compliance with ECE R10.04 for EMC

◇ Fixed: Permanent mount, magnetic base with Cig plug adapter and single pole plug to spec. DIN72591(ISO 4165)

Application: It is widely used on emergency vehicles, boats, road safety , navigation lanterns, obstacle light for building.

Description: Application of the latest patent technology, according to ECE R65&SAE J845 requirement to develop, the beacon projects even and continuous light in a horizontal 360°degree and achieve a brand-new performance.

P/N	Color	Standard	Fixed	Approval	watt	
LB130-A12	Amber	ECE R65 Class1 SAE Class1 ECR R10.04	Permanent	E-mark approval AMECA certificated	27W max	
LB130-A12-M			magnet			
LB130-A12-DIN			Din mounting			
LB130-BL	Blue	ECE R65 Class1 SAE Class1 ECE R10.04	permanent	E-mark approval	27W max	
LB130-BL-M			magnet			
LB130-BL-DIN			Din Mounting			
LB130-R	Red	ECE R65 Class1 SAE Class1 ECE R10.04	Permanent	E-mark approvable	27W max	
LB130-R-M			magnet			
LB130-R-DIN			Din mounting			
LB130-R/BL	Red +blue	ECE R65 Class1 SAE Class1 ECE R10.04	Permanent	E-mark approvable	36W max	
LB130-R/BL-M			magnet			
LB130-R/BL-DIN			Din mounting			

Specs & feature:

◇   Operating voltage: DC9~33V

◇   Operating Temperature: -40~65℃

◇   Light source: 12*3W Gen3 high power LEDs

◇   Light color: Red, Blue, Amber, Red &blue, Green, White etc. colored lens or clear lens

◇   360°strobe, Built-in Flasher with 9 Flash light patterns, including standard quad flash and double flash also with simulative rotating pattern, or customized flash pattern.

◇   Optional Flash light pattern, by using the white wire to touch the negative wire(black one)

◇   Synchronous and Asynchronous flash patterns of two or more lamps is available

◇   Reverse polarity protect

◇   UV resistant of PC outer lens; Aluminum alloy die-cast bottom, with powder coated finished; stainless steel hardware

◇   IP67 Rated;

◇   Compliance with ECE R10.04 for EMC

Fixed: Optional Permanent mount, Pole of Din mounting and magnetic mount with Cig plug
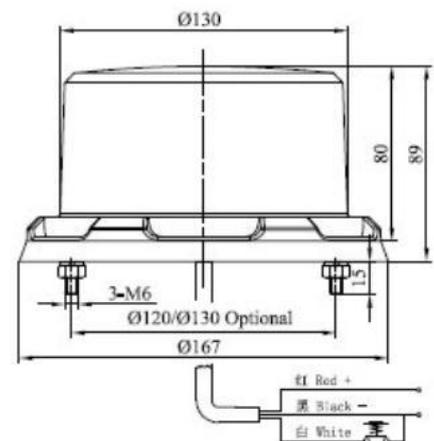
Application: It is widely used on emergency vehicles, Boats, road safety, navigation lanterns, obstacle light for building.

Magnet   DIN mounting

Ø130

80 89

3-M6

Ø120/Ø130 Optional

Ø167

15

£1 Red +
黑 Black —
£í White ⏚

Optional Flash light pattern,by using the white wire to touch the Black wire"-".

LB130-A18   LED Beacon ECE R65, Class2 By day

E-mark RoHS CE

Description: Application of the latest patent technology, according to ECE R65&SAE J845 requirement to develop, the beacon projects even and continuous light in a horizontal 360° degree and achieve a brand-new performance.

New

LB130-A18- **Magnet**

LB130-A18 **fixed with screw**

LB130-A18- DIN **mounting**

Specs & feature:

◇ Operating voltage: DC9~33V

◇ Operating Temperature: -40~65℃

◇ Light   Source: 12*3W of high light efficiency SMT LED,~ 36W max

◇ Color: Amber or other customized color

◇ Compliance with ECE R65 for EMC   **ECE R65 Class2 by day**

※Two-level light intensity (high/low) output, to meet different requirement of the day and night

◇ 360°strobe, Built-in Flasher with 9 Flash light patterns, including standard quad flash and double flash also with simulative rotating pattern, or customized flash pattern.

◇ Optional Flash light pattern, by using the white wire to touch the negative wire(black one)

◇ Synchronous and Asynchronous flash patterns of two or more lamps is available

◇ Reverse polarity protect

◇ UV resistant of PC outer lens;

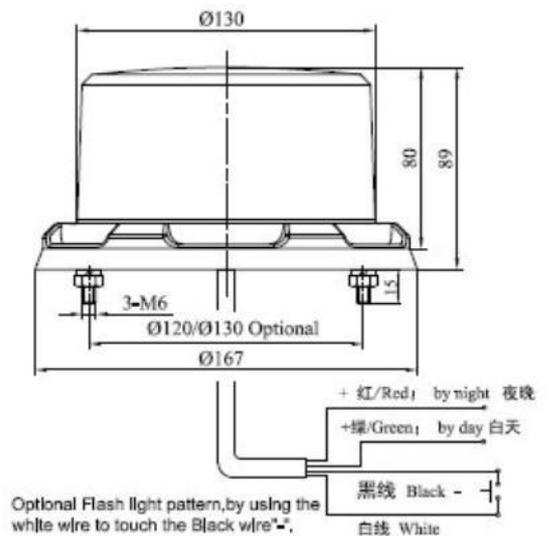◇ Aluminum alloy die-cast bottom, with powder coated finished; stainless steel hardware

◇ IP67

◇ Fixed: Optional Permanent mount, Pole of Din mounting and magnetic mount with Cig plug

◇ Compliance with ECE R10.04 for EMC

◇ E-mark approved

Application: It was widely used on emergency Vehicles, boat, road safety , navigation lantern, obstacle light for building.

Ø130
80
89
3-M6
Ø120/Ø130 Optional
Ø167
+ 红/Red， by night 夜晚
+绿/Green， by day 白天
黑线 Black —
白线 White
Optional Flash light pattern,by using the white wire to touch the Black wire"-".

ASW01 LED Awning Lamp/Side light for Vehicle

Description: 40 degree down illumination for more efficient light on ground ,surface mount installation, IP67 for outdoor use, die-cast aluminum base to ensure good heat dissipation and lamp life.


P/N ASW01-R Red Base

P/N ASW01-W White Base

P/N ASW01-B Black Base

Specification:

◇   Operating Voltage: 10~33VDC

◇   Operating Temperature: -40~65℃

◇   Light Source: 9*3W high light efficiency LED; CRI＞80

◇   Light Color: ~3000K warm white, 4000~4500K natural white, 6000~6500K pure white

◇   Luminous Flux: ＞1200lm

◇   Light Emitting Angle: H=80°/V=60°(vertical direction of the outer lens)

◇   Power: ~14W, Operating Current:1.2A@12VDC; 0.65A@24VDC

◇   PC lens with UV-resistant;

◇   Aluminum die casting Base, UV and corrosion resistant painting in white / black / red (optional) or other customized color;

◇   IP67

Applications: widely used for shelter, cabin, motor home, caravan, refrigerator car, special vehicles mining tunnels and etc.

Dimension:

LED Entrance Lamp/Side lighting for vehicle

RoHS **CE**
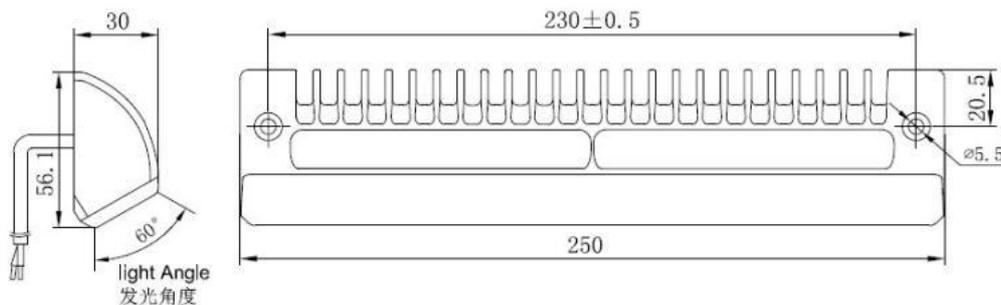
Description: 40 degree down illumination for more efficient light; Surface mount Installation, waterproof design; White or Black painted aluminum extrusion housing design makes it easily to dissipate heat, and ensures its long working life span.

| P/N：SW-09 | 9 " white housing | P/N：SW-09-B | 9 " black housing |
| P/N：SW-16 | 16 " white housing | P/N：SW-16-B | 16 " black housing |

Specifications:

◇ Operating Voltage: 10~33VDC

◇ Operating Temperature: -40~65℃

◇ Light Source: high power, efficiency LED, 3W/LED, CRI＞80

◇ Light Color: ~3000K warm white, 4000~4500K natural white, 6000~6500K pure white

P/N	LED Qty	Power	Luminous Flux	Housing color	Remark
SW-09	6pcs	9W	800lm	white	P9016
SW-09-B				black	
SW-16	12pcs	18W	1500lm	white	P9016
SW-16-B				black	

◇ Light Emitting Angle:H80°/V=60°V(vertical direction of the outer lens)

◇ PC lens with UV-resistant

◇ Aluminum extrusion housing, UV resistant painting in white / black / red (optional) or other customized color

◇ IP67

Applications: widely used for shelter, cabin, motor home, caravan, refrigerator car, special vehicles mining tunnels and etc.

Dimension:

244.3   34.3   43   发光角度 60° Light Angle   SW-09

402.3   34.3   43   发光角度 60° Light Angle   SW-16
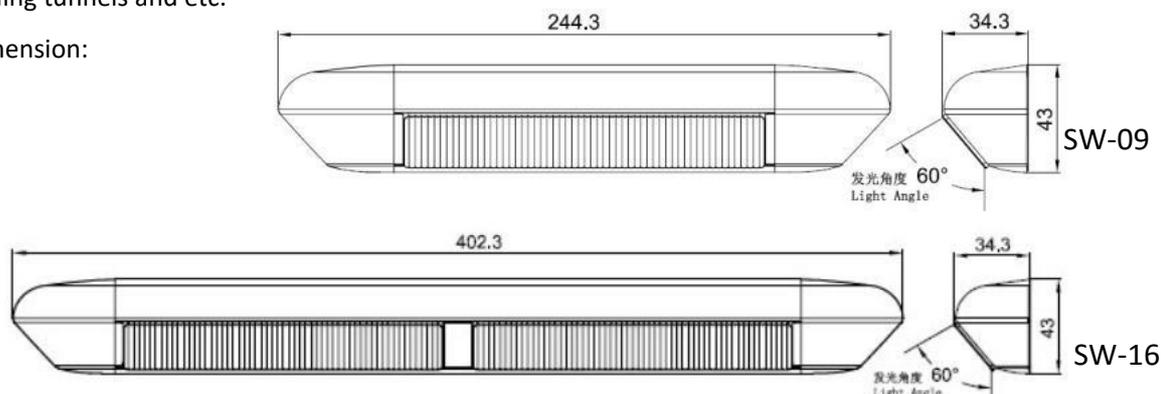
W-DRL06 LED Work Lamp

Product Description: Aluminum die casting housing with electrophoretic coating surface treatment to ensure a good heat dissipating and long lifetime of the lamp；comply with newest ECE R87 requirements, avoid dazzling output light design to assure your safety.

Specifications:

◇ Operating Voltage: 10~33VDC

◇ Operating Temperature: -40~65℃

◇ Light Source: 6 LED 1~3W high efficiency and high power LED, CRI:Ra＞80

◇ Light Color(optional): ~3000K warm white; 400~4500K nature white; 6000~6500K nature white

◇ luminous flux: 750lm

◇ Light Emitting Angle: Light Emitting Angle: H80°/50°V

◇ Operating current: 0.65mA@12VDC; 0.35mA@24VDC, Power~8W

◇ IP67

◇ Fixed: With rotatable fixed bracket

Applications: widely used for cabinet, cabin, motor home, caravan, shelter refrigerator car, special vehicles mining tunnels and Marine industry.

T-DRL06 LED Warning Lamp

◇ Operating Voltage: 10~33VDC

◇ Operating Temperature: -40~65℃

◇ Light Source: 6 LED 1~3W LED

◇ Comply with ECE R65 requirements, amber, blue, red light or other customized

◇ Quality: 360°strobe, Built-in Flasher with 9 Flash ligh

patterns(optional), single chip programmable control, comply with ECE R65 requirements(e.g:2 secs,4secs flash), including

◇ standard quad flash, double flash and Rotating:180--200r/min;or other customized flash

◇ **Option Flash light pattern, by using the White wire to touch the Black wire"-"**

◇ Multiple beacons may be connected to provide synchronous or alternate flash patterns.

◇ Reverse polarity protect.

◇ UV resistant of PC outer lens and Base

◇ IP67

◇ Fixed: with rotating bracket

◇ Application: It is widely used on special vehicles.

Factory View

SMT Line

Lead Free wave soldering

Assembly line

Hot plate welder

Ultrasonic Welding

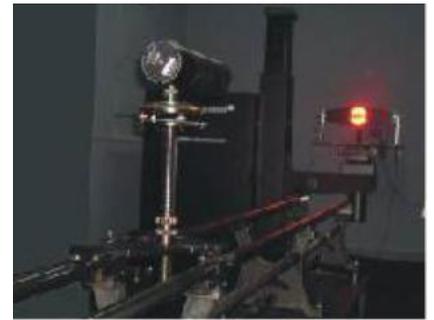Aging Test

Environment test

Photo colorimeter

Photometric test

Salt spray test

Vibration test

Water-proof test

Cooperator

RoHS Test