911 SIGNAL®

www.911signal.com

Collection of Certified Products

VEHICLE

WARNING

SYSTEM

911 SIGNAL®

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Technology You Can Rely On

▲ Photometric Test

We use our in-house photometric testing-lab for measuring values of candela, lumen, lux, etc and to make sure every product complies with ECE R65 Class I and Class II standards.

▼ Vibration Test

All the products are tested under 20-55 Hz vibrations on both horizontal and vertical directions. And our newly-built AGREE Chamber is used for tests under 15.3Grms, 24-2000Hz.

▼ Pressure Washer Test

Products are tested for 12 hours non-stop, with 40m³ of pressurized water splashed from different angles every hour. The in-house water ingress chamber tests products against IP X5/6 standards.
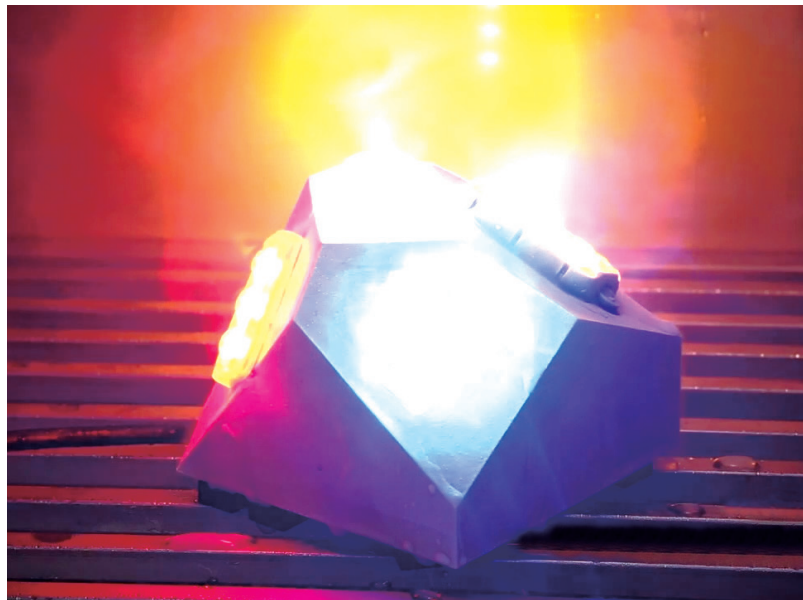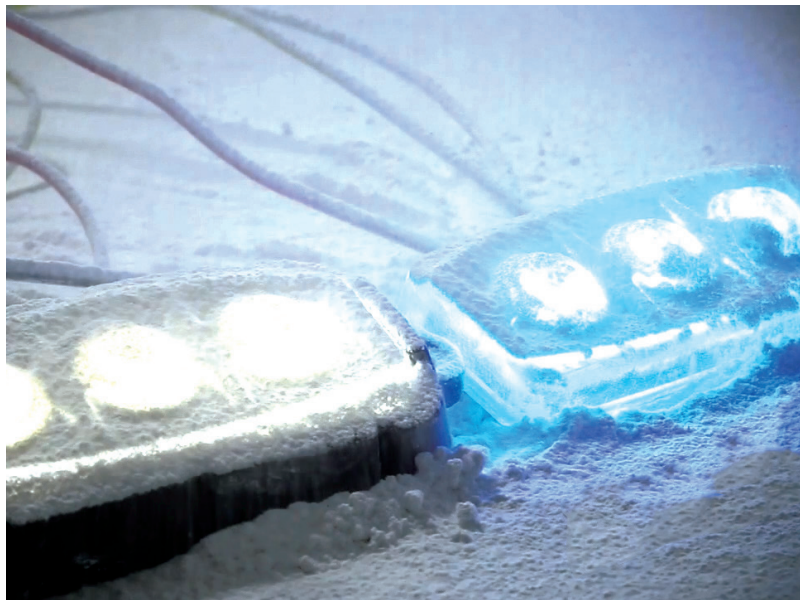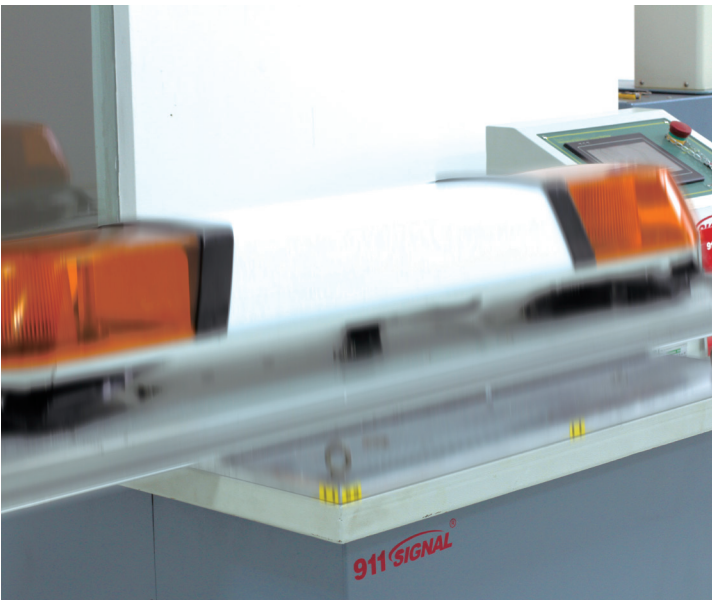
▲ Splash Water Test

Products are tested for 12 hours non-stop. The in-house water ingress chamber tests products against IP X3/4 standards.

▼ Dust Test

Dust test simulates the effect harsh environment has on our products. Apart from this, our products also go through UV test, salt-spray test. All of them are done in 911Signal's factory.

▲ Immersion and Pressure Tightness Test

Products are tested for 2 minutes with 60 kp of pressure added. This tests products against IP X7/8 standards.

reddot award
product design 2016
iF DESIGN AWARD 2017

Technology You Can Rely On

Red-Dot Desgin Award winning'Intelcomm' lightbar perfectly fulfils the needs of the high end requirements of the emergency services, in terms of its design, appearance and functionality.

The 'Intelcomm' meets all regulatory requirements including ECE Regulation 65 R10 and SAE T13. Additionally the bar is protected to IP68, together with its reinforced and optimized structure, it is ready to face any harsh conditions that might come on its way.

LED LIGHTBAR

CODE	Voltage	ECE R65 AMBER Class 1	ECE R65 AMBER Class 2	ECE R65 BLUE Class 1	ECE R65 BLUE Class 2	ECE R65 RED Class 2	ECE R10	SAE	CA TITLE 13
Skyline Air	DC 10-33V	ECE R65 TA1 00 0053	ECE R65 TA2 00 0091		ECE R65 TB2 00 0086	ECE R65 TR2 00 0102	ECE R10 05 2171	SAE W3-1 17	T13
Intelcomm	DC 10-33V		ECE R65 TA2 00 0068		ECE R65 TB2 00 0069		ECE R10 05 1972	SAE W3-1 17	T13
SKYLINE	DC 10-33V		ECE R65 TA2 00 0028		ECE R65 TB2 00 0029		ECE R10 04 12747	SAE W3-1 10	
F117E3	DC 10-33V		ECE R65 TA2 00 0033	ECE R65 TB1 00 0032			ECE R10 04 12748		
INSTRUCTOR(SPOT)	DC 10-33V	ECE R65 TA1 00 0087		ECE R65 TB1 00 0193			ECE R10 05 2130		
INSTRUCTOR(C12)	DC 10-33V	ECE R65 TA1 00 0041		ECE R65 TB1 00 0042			ECE R10 05 2130		
ADVENTURER	DC 10-33V		ECE R65 TA2 00 0097		ECE R65 TB2 00 0098		ECE R10 05 2169	SAE W3-1 17	T13

LED LIGHTBAR

CODE	Voltage	ECE R65 AMBER Class 1	ECE R65 AMBER Class 2	ECE R65 BLUE Class 1	ECE R65 BLUE Class 2	ECE R10	SAE	CA TITLE 13
WARRIOR	DC 10-33V	ECE R65 TA1 00 3773				ECE R10 04 1242		
LURKER	DC 10-33V		ECE R65 TA2 00 0112		ECE R65 TB2 00 0113	ECE R10 05 11999	SAE W3-1 17	
MINI WARRIOR	DC 10-33V	ECE R65 TA1 00 3773				ECE R10 04 1242		
RAPTOR-33T	DC 10-33V	ECE R65 TA1 00 0059		ECE R65 TB1 00 0025				
O3	DC 10-33V					ECE R10 03 12468		
O4	DC 10-33V	ECE R65 TA1 00 0026				ECE R10 03 12468		
MINI Adventurer	DC 10-33V	ECE R65 TA2 00 0097		ECE R65 TB2 00 0098		ECE R10 05 2169	SAE W3-1 17	T13

LED WARNING BAR

CODE	Voltage	ECE R65 AMBER Class 1	ECE R65 AMBER Class 2	ECE R65 BLUE Class 1	ECE R65 BLUE Class 2	ECE R10	SAE	CA TITLE 13
Pioneer	DC 10-33V					ECE R10 03 12468		
C4-Series	DC 10-33V	ECE R65 XA1 00 0035		ECE R65 XB1 00 0036		ECE R10 04 12754	SAE 3-1 10	
H-Series	DC 10-33V			ECE R65 XB1 00 0027		ECE R10 03 12468		

LIGHTHEAD

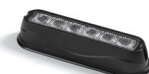| CODE	Voltage	ECE R65 AMBER Class 1	ECE R65 AMBER Class 2	ECE R65 BLUE Class 1	ECE R65 BLUE Class 2	ECE R65 RED Class 1	ECE R65 RED Class 2	ECE R10	SAE	CA TITLE 13
NR6	DC 10-33V		ECE R65 XA2 00 0127		ECE R65 XB2 00 0128		ECE R65 XR2 00 0129	ECE R10 05 16142	certificate pending	certificate pending
FIN6	DC 10-33V		ECE R65 XA2 00 0133		ECE R65 XB2 00 0134		ECE R65 XR2 00 0135	ECE R10 05 16192	certificate pending	certificate pending
L200	DC 10-33V	ECE R65 XA1 00 0104		ECE R65 XB1 00 0105		ECE R65 XR1 00 0106		ECE R10 05 11665	SAE W3-1 17	T13
T4	DC 10-33V	ECE R65 XA1 00 0079		ECE R65 XB1 00 0080	ECE R65 XB2 00 0082	ECE R65 XR1 00 0081		ECE R10 05 11725	SAE-16-W-1	T13
T8	DC 10-33V	ECE R65 XA1 00 0079		ECE R65 XB1 00 0080	ECE R65 XB2 00 0082	ECE R65 XR1 00 0081		ECE R10 05 11725	SAE-16-W-1	T13
X9	DC 10-33V		ECE R65 XA2 00 0083		ECE R65 XB2 00 0084		ECE R65 XR2 00 0085	ECE R10 05 11726	SAE-16-W-1	T13
X9T	DC 10-33V		ECE R65 XA2 00 0083		ECE R65 XB2 00 0084		ECE R65 XR2 00 0085	ECE R10 05 11726	SAE-16-W-1	T13
X18	DC 10-33V		ECE R65 XA2 00 0083		ECE R65 XB2 00 0084		ECE R65 XR2 00 0085	ECE R10 05 11726	SAE-16-W-1	T13
X8	DC 10-33V		ECE R65 XA2 00 0109		ECE R65 XB2 00 0110		ECE R65 XR2 00 0111	ECE R10 05 11799	SAE-17-W-1	T13
Stark O	DC 10-33V		certificate pending		certificate pending		certificate pending	certificate pending	certificate pending	certificate pending

LIGHTHEAD

CODE	Voltage	ECE R65 AMBER Class 1	ECE R65 AMBER Class 2	ECE R65 BLUE Class 1	ECE R65 BLUE Class 2	ECE R65 RED Class 1	ECE R65 RED Class 2	ECE R10	SAE	CA TITLE 13
F6	DC 10-33V	ECE R65 XA1 00 0067		ECE R65 XB1 00 0066				ECE R10 05 2168	SAE-16-W-1	T13
X6	DC 10-33V	ECE R65 XA1 00 0044		ECE R65 XB1 00 0045				ECE R10 04 1605	SAE-16-W-1	T13
F3	DC 10-33V	ECE XA1 00 0067		ECE XB1 00 0066				ECE R10 04 1605	SAE-16-W-1	T13
C9	DC 10-33V	ECE R65 XA1 00 0039						ECE R10 05 1864		
C4	DC 10-33V	ECE R65 XA1 00 0035		ECE R65 XB1 00 0036				ECE R10 04 12754	SAE 3-1 10	
C4-D	DC 10-33V	ECE R65 XA1 00 0035		ECE R65 XB1 00 0036				ECE R10 04 12754	SAE 3-1 10	
E3	DC 10-33V			ECE R65 XB1 00 0025						
L270	DC 10-33V		ECE R65 XA2 00 0122 ECE R65 HTA2 00 0119 ECE R65 TA2 00 0117		ECE R65 XB2 00 0114 ECE R65 HTB2 00 0120 ECE R65 TB2 00 0116		ECE R65 XR2 00 0118 ECE R65 HTR2 00 0121 ECE R65 TR2 00 0115	ECE R10 05 11998	certificate pending	certificate pending

LIGHTHEAD

CODE	Voltage	ECE R65 AMBER Class 1	ECE R65 AMBER Class 2	ECE R65 BLUE Class 1	ECE R65 BLUE Class 2	ECE R10	SAE	CA TITLE 13
E4	DC 10-33V	ECE R65 XA1 00 0026						
H3	DC 10-33V					ECE R10 03 12468		
H4	DC 10-33V			ECE R65 XB1 00 0027		ECE R10 03 12468		
P3	DC 10-33V					ECE R10 03 12468		
P3 PRO	DC 10-33V	ECE R65 XA1 00 0072		ECE R65 XB1 00 0073		ECE R10 05 11844		

LED LIGHTHEAD

CODE	Voltage	ECE R65 AMBER Class 1	ECE R65 AMBER Class 2	ECE R65 BLUE Class 1	ECE R65 BLUE Class 2	ECE R10	SAE	CA TITLE 13
HL6	DC 10-33V					ECE R10 03 12468		
H6	DC 10-33V					ECE R10 03 12468		
A4	DC 10-33V					ECE R10 03 12468		
H4S1	DC 10-33V			ECE R65 XB1 00 0027		ECE R10 03 12468		

LED VISOR LIGHT

CODE	Voltage	ECE R65 AMBER Class 1	ECE R65 AMBER Class 2	ECE R65 BLUE Class 1	ECE R65 BLUE Class 2	ECE R10	SAE	CA TITLE 13
EG4	DC 10-33V					ECE R10 03 12468		
LV100	DC 10-33V					ECE R10 03 12468		
C40	DC 10-33V	ECE R65 XA1 00 0035		ECE R65 XB1 00 0036		ECE R10 04 12754	SAE 3-1 10	

LED BEACONS

CODE	Voltage	ECE R65 AMBER Class 1	ECE R65 AMBER Class 2	ECE R65 BLUE Class 1	ECE R65 BLUE Class 2	ECE R10	SAE	CA TITLE 13
Conductor	DC 10-33V		ECE R65 TA2 00 0089	ECE R65 TB1 00 0090		ECE R10 05 11685	SAE W3-1 17	
FD24	DC 10-33V	ECE R65 TA1 00 0043				ECE R10 05 11843		
FD24 MINI	DC 10-33V	ECE R65 TA1 00 0064		ECE R65 TB1 00 0065		ECE R10 05 11843		
SPOT	DC 10-33V	ECE R65 TA1 00 0192		ECE R65 TB1 00 0193		ECE R10 05 11842		
C12	DC 10-33V	ECE R65 TA1 00 0041		ECE R65 TB1 00 0042		ECE R10 04 12749	SAE W3-1 09	
C24	DC 10-33V		ECE R65 TA2 00 0030		ECE R65 TB2 00 0031	ECE R10 04 12749	SAE W3-1 09	
C24-E	DC 10-33V		ECE R65 TA2 00 0030		ECE R65 TB2 00 0031	ECE R10 04 12749	SAE W3-1 09	

HIDEAWAY LIGHT

CODE	Voltage	ECE R65 AMBER Class 1	ECE R65 AMBER Class 2	ECE R65 BLUE Class 1	ECE R65 BLUE Class 2	ECE R10	SAE	CA TITLE 13
ANT PRO	DC 10-33V	ECE R65 XA1 00 0072		ECE R65 XB1 00 0073		ECE R10 05 11844		
H2100	DC 10-33V					ECE R10 03 12468		

SIREN

CODE	Voltage	ECE R65 AMBER Class 1	ECE R65 AMBER Class 2	ECE R65 BLUE Class 1	ECE R65 BLUE Class 2	ECE R10	SAE	CA TITLE 13
IW						ECE R10 04 1342		

WORKING LIGHT

CODE	Voltage	Power	Lumen	LED	Color Temp	Mount	ECE R10
SL	DC 10-33V	15W	1000lm	9Pcs 2W LED	6000K	Side	ECE R10 05 2167
V8	DC 10-33V	9.5W	800lm	4Pcs 3W LED	6000K	Side, Suspend, Stand.	R10
C8	DC 10-33V	15W	1000lm	4Pcs 5W LED	7000K	Side, Suspend, Stand.	ECE R10 05 2163
C18	DC 10-33V	30W	1800lm	2Pcs 18W LED	7000K	Side, Suspend, Stand.	ECE R10 05 2164
V30	DC 10-33V	43W	3000lm	16Pcs 5W LED	7000K	Side, Suspend, Stand.	ECE R10 05 2170
V18	DC 10-33V	30W	1800lm	6Pcs 5W LED	7000K	Side, Suspend, Stand.	ECE R10 05 2165
S22	DC 10-33V	38W	2200lm	9Pcs 5W LED	7000K	Side, Suspend, Stand.	ECE R10 05 2166

911Signal's Newest series of worklight is themed under "Discovery". We understand your uneasiness when probing your way ahead and we are here for you to conquer that unsettling darkness. This series of worklights carry on 911's signature style, the dialogue shape. Combining the most advanced LED illumination technology with powerful optics design, we manipulate the lights so that they could work on your side. Die-cast aluminum housing intensifies the structure. PC lens balances maximized light efficiency with durability.

Tips You Must Know About SAE & EMARK Certification.

911Signal products exceeds multiple certificates, including TS 16949, ECE, SAE, and E-mark. Products are tested to standards of ECE R65 R10 R48, SAEJ595 J845.

Undeniably, we can find both genuine and dubious certified products in this free market. As a warning light provider whose product range spans from the most budget-friendly to the highest end level, differentiating techniques we can share are that certified products have the following features:

1. Certification labels are not only stuck on the package but also on the product itself.
2. The label shows brand logo, code of country where the product was certified, certification number, product item number, working voltage and wattage.
The above information are engraved and displayed at a salient position.

See below as the example:

SAE

In 1912, SAE published the first regulation under the guidance of Howard Coffin, who was the president of the society. In the next following years, the standardization committee drafted regulations of materials, lubricants, accessories, fasteners, and components. The most important regulation among all was the regulation of lock washer. Back then, there were more than 300 kinds of lock washers used within the industry, the number of which decreased by 90% after the implementation of new regulation.

Today, regulations published by SAE cover each sector in auto manufacturing and maintenance. Even the specifications of tools used in maintenance are regulated.
International Organization for Standardization (ISO) is a network formed by national standardization committee members from 151 countries. Its secretary is a coordinating body based in Geneva. As a non-government organization, IOS members don't represent state government like the Unite Nations do, but represent specialized institutes joint stocked with national industrial associations. SAE and ISO are now cooperating to stipulate regulations that are acknowledged worldwide.

Emark

E-mark is a mandatory conformity marking for automobile, electrical products sold within the European Economic Area. The CE marking is the manufacturer's declaration that the product meets the requirements of the applicable directives.

Under EU Directive 72/245/EEC , and Revision Directive 95/54/EC , E-mark affect the following product groups:
Vehicles with more than two wheels, like lorries, passenger cars, buses, motorcycles, and off-road vehicles.
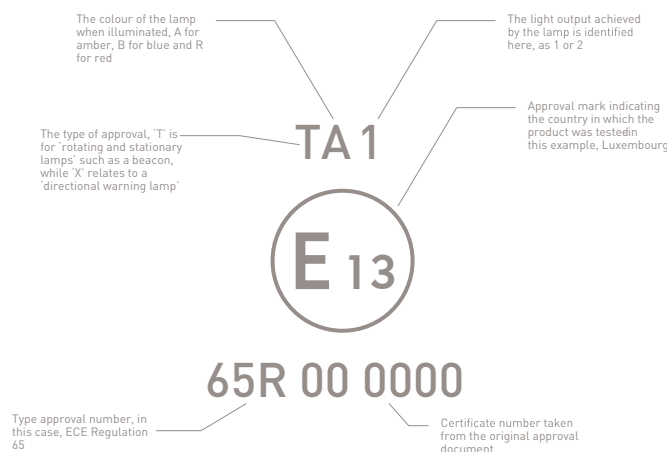
Auto parts including lamps and bulbs, tires, speakers, rims, mirrors, safety belts, brakes, anti-theft devices, glasses, pipes, etc.
Auto accessories, including safety seats, hard hats, electrical products for interior use.

E-Mark is shown in either a rectangular or circular frame. Circular shaped mark is mandatory for products used only when the vehicle is parked while the rectangular shaped mark applies to products used when the vehicle is in operation or parked.
Codes for the countries where the product is certified are:

E1: Germany E2: France E3: Italy
E4: Netherlands E5: Sweden E6: Belgium
E7: Hungary E8: Czech E9: Spain
E10: Yugoslavia E11: British E12: Austria
E13: Luxembourg E14: Switzerland E16: Norway
E17: Finland E18: Denmark E19: Romania E20: Poland
E21: Portugal E22: Russia E23: Greece E24: Ireland E25: Croatia
E26: Slovenia E27: Slovakia E28: Belarus E29: Estonia
E31: Bosnia and Herzegovina E37: Turkey
There is a bunch of information you can extract from the ECE label.

ECE REGULATION 65

The colour of the lamp when illuminated, A for amber, B for blue and R for red

The type of approval, 'T' is for 'rotating and stationary lamps' such as a beacon, while 'X' relates to a 'directional warning lamp'

The light output achieved by the lamp is identified here, as 1 or 2

Approval mark indicating the country in which the product was tested in this example, Luxembourg

TA 1

E 13

65R 00 0000

Type approval number, in this case, ECE Regulation 65

Certificate number taken from the original approval document

ECE REGULATION 10

Approval mark indicating the country in which the product was tested - in this example, the United Kingdom

E 11

10R 00000

Type approval number, in this case, ECE Regulation 10

Certificate number taken from the original approval document