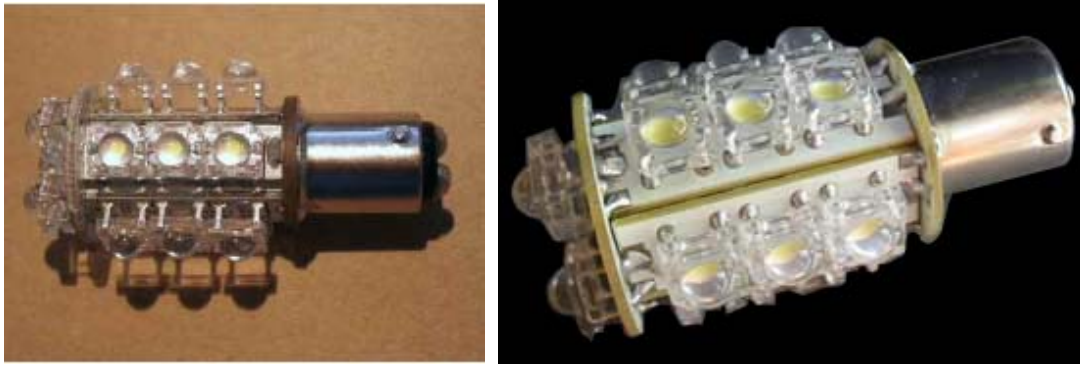




SHULIGHT® LED AUTOMOBILE LAMP

1. Super Bright Tower Flux LED Bulbs:

● Product Photo



● Feature:

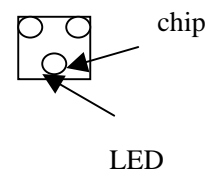
- 1) The LEDs are quality, ultra Bright and low power consumption.
- 2) Very long operating life (50k –100Khours).
- 3) Available in White, Green, Blue, Red, Yellow, Amber,
- 4) Cool beam, safe to the touch.
- 5) Easy Installation - Remove the old dome bulb and replace with this one - Simple and very effective.
- 6) Total 18PCS flux LEDs will be 160 lumens and will be 3times brightness than common styles.

● Electronic characteristic:

PART NO	Emitting color	Current (mA)	Intensity (mcd)	Wavelength (nm)	Viewing angle(deg)
ID-1142-W1	InGaN/White	300	8000*18	6000K	90
ID-1142-W2	InGaN /White	300	7000*18	3500K	90
ID-1142-G	InGaN /Green	300	8000*18	515-520	90
ID-1142-B	InGaN /Blue	300	5400*18	465-470	90
ID-1142-R	InGaN /Red	300	4500*18	625-630	90
ID-1142-Y	InGaN /Yellow	300	4500*18	585-590	90
ID-1142-A	InGaN / Amber	300	4500*18	600-605	90

Test condion:DC12V 25

3chips inside a pcs LED





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2. Super Flux LEDES Festoon Bulbs:

● Product Photo



● Feature:

- 1) The LEDs are quality, ultra Bright and low power consumption.
- 2) Length: 44mmtotal/37mmtotal
- 3) Available in White, Green, Blue, Red, Yellow, Amber,
- 4) Very long operating life (50k –100Khours)
- 5) Cool beam, safe to the touch.
- 6) Easy Installation - Remove the old dome bulb and replace with this one - Simple and very effective.
- 7) Total 18PCS flux LEDs will be 160 lumens and will be 3times brightness than common styles.

● Electronic characteristic:

Length: 44mm (6pcs 3chips super flux LED) Test condion:DC12V 25

PART NO	Emitting color	Current (mA)	Intensity (mcd)	Wavelength (nm)	Viewing angle(deg)
ID-Festoon-W1	InGaN/White	90	8000*6	6000K	90
ID-Festoon -W2	InGaN/White	90	7000*6	3500K	90
ID-Festoon -G	InGaN/Green	90	8000*6	515-520	90
ID-Festoon -B	InGaN/Blue	90	5400*6	465-470	90
ID-Festoon -R	InGaN/Red	90	4500*6	625-630	90
ID-Festoon -Y	InGaN/Yellow	90	4500*6	585-590	90
ID-Festoon -A	InGaN/ Amber	90	4500*6	600-605	90

Length: 37mm (4pcs 3chips super flux LED)

PART NO	Emitting color	Current (mA)	Intensity (mcd)	Wavelength (nm)	Viewing angle(deg)
ID-Festoon -W1	InGaN/White	90	8000*4	6000K	90
ID-Festoon -W2	InGaN/White	90	7000*4	3500K	90
ID-Festoon -G	InGaN/Green	90	8000*4	515-520	90
ID-Festoon -B	InGaN/Blue	90	5400*4	465-470	90
ID-Festoon -R	InGaN/Red	90	4500*4	625-630	90
ID-Festoon -Y	InGaN/Yellow	90	4500*4	585-590	90
ID-Festoon -A	InGaN/ Amber	90	4500*4	600-605	90

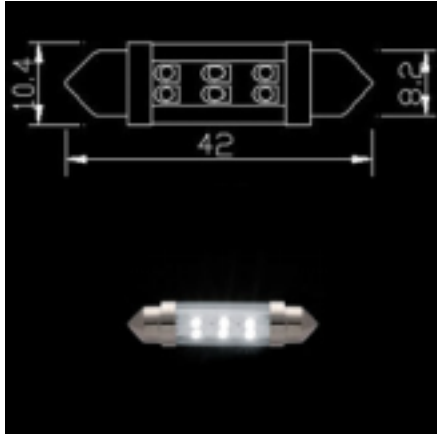
Test condion:DC12V 25

Operating Temperature Range -30 to +85
Storage Temperature Range -40 to +100



3. LED Auto Licence Plate Lamp

- **Product picture and dimension:**



- **Description:**

Be made up of four super bright LED bulbs giving out white light, used in various vehicles, car-door, on the back of the car or the license plate.

- **Character:**

Super bright LED, shockproof, durable, long life with over 50,000 hours on average, eco-label, saving energy, fast active, pure color with nice appearance.

- **Specifications:**

(A) Electronics And Optical Characteristics: Ta=25°C

Part No	Emitting Color	Forward Voltage Unit: V	Totally Luminous Intensity Unit: LM	Single LED Intensity Unit: mcd	Dominant Wavelength Unit: nm	Viewing Angle Unit: deg
T10*42-S8.5-6 W-S8-12V	Super White	13.2	6.8	6000	X: 0.29 Y: 0.28	23
Test Condition	Power: 0.528W 40mA		Current:	IF = 20mA	IF = 20mA	IF = 20mA

IR Max: 0.01mA, VR=5V

- **All of our LED bulbs feature**

- 1). Low power(wattage) drive
- 2). Built-in current limiting resistors
- 3). Shock & Vibration Resistant
- 4). Long life
- 5). Low heat generation
- 6). High Intensity (for LEDS)



7). Instant On/Off

Size: 10mm overall high x 42mm overall length.

● **Remark: NOTES CONCERNING TAIL/SIGNAL/BRAKE LED BULBS**

PLEASE READ BEFORE USEING LED BULBS:

LED brake/tail lamps may not work with some thermal flasher units due to their extremely low current draw. These installations will require an electronic flasher unit. Try to find flashers designed to work with LED bulbs, often HEAVY DUTY flashers will work.

LED bulbs may cause some newer vehicles to indicate a bulb is burnt out (because of their low power consumption). Some cars indicate this by increasing the flash rate of the turn signals, some turn on a bad bulb indicator. This can be remedied with Load Resistors wired across the turn signal bulbs to simulate a filament bulb load.

LED bulbs are generally not as bright as standard incandescent bulbs, they have many advantages over filament bulbs (longer life, faster on/off times, lower power consumption, more vivid colors) but brightness is not one of them

They are generally not as bright but some of them with large numbers of LEDs, will appear brighter than filament bulbs.

The light is distributed differently so they can appear brighter in some applications. Most LED bulbs emit light like a flashlight, all out the end. Regular filament bulbs emit light from the end and all sides, so they will be better suited for some lighting applications that LED bulbs.

This is the same reason why we do not rate LED car bulbs in lumens or watts, they would be a deceptively low numbers because the light is measured from all sides and the end on standard filament bulbs but only from the end on LED bulbs

Do not use LED bulbs in the same housing with head lamps, the heat will cause them to fail quickly

Do not use LED bulbs in Day Time Running lights (DTR) in GM vehicles, the pulsed voltage causes LED bulbs fail quickly in this application.

Some of our bulbs are available with 12, 19, 24 LEDS, obviously the more LEDs the brighter

All of our Tail/Brake lights are the standard one inch diameter .

All of our Tail/Brake bulbs achieve dual intensity modes by turn all of the LEDs on dim or all of the LEDs on bright.

Warranty: void if used in applications other than standard automotive replacement bulbs.

SHULIGHT® Expert On LED Applications