

## **LED Bulbs for Sequential Applications      04-17-22**

LED bulbs for use in sequential applications must have the high intensity section (brake/turn) isolated from the low-intensity (running lights) section. Typically, dual-diodes are used to keep the running lights from bleeding back through the internal limiting resistor into the brake/turn lights.

Not all LED bulbs have this feature. A bulb can be tested by using an ohm-meter to measure the resistance across both pins of the 1157 bulb. The resistance should read OL (overload) or infinite in both directions. Bulbs that are not compatible may measure 30-90 ohms in one or both directions.

On 1970-71 Ford products, the side marker lights are grounded through the front bulb element. When the running lights are turned on, this introduces a voltage feedback back into the sequential controller and requires a side marker light adapter kit when using front LED bulbs.

The following LED bulbs (preferred listed first) have been tested for sequential system use:

WCCC1157R Red LED bulb

<https://www.ebay.com/itm/275061562319?hash=item400af25bcf:g:wUQAAOSwMmBVz8fG>

WCCC1157Y Amber LED bulb

<https://www.ebay.com/itm/255275046068?hash=item3b6f9414b4:g:wUQAAOSwMmBVz8fG>

iBrightstar Newest 9-30V Extremely Bright 1157 LED red Bulb – shorter bulb, closer to original length:

[https://www.amazon.com/dp/B074GPX2Q8?psc=1&ref=ppx\\_yo2\\_dt\\_b\\_product\\_details](https://www.amazon.com/dp/B074GPX2Q8?psc=1&ref=ppx_yo2_dt_b_product_details)

Superbright LEDs 18T red bulb

<https://www.superbrightleds.com/moreinfo/tail-brake-turn/1157-led-bulb-dual-function-18-smd-led-tower-bay15d-retrofit-car/811/#/attributes/13>

Superbright LEDs 18T amber bulb

<https://www.superbrightleds.com/moreinfo/tail-brake-turn/1157-led-bulb-dual-function-18-smd-led-tower-bay15d-retrofit-car/811/#/attributes/13>

ANTLINE Extremely Bright 1157 21-SMD 2835 Chipsets 1260 Lumens LED red Bulb

[https://www.amazon.com/dp/B07P6LNQYF?psc=1&ref=ppx\\_yo2\\_dt\\_b\\_product\\_details](https://www.amazon.com/dp/B07P6LNQYF?psc=1&ref=ppx_yo2_dt_b_product_details)

ANTLINE Extremely Bright 1157 21-SMD 2835 Chipsets 1260 Lumens LED amber Bulb

[https://www.amazon.com/dp/B07P7QP8H1?psc=1&ref=ppx\\_yo2\\_dt\\_b\\_product\\_details](https://www.amazon.com/dp/B07P7QP8H1?psc=1&ref=ppx_yo2_dt_b_product_details)

AUTOGINE Super Bright 9-30V 1157 w/3014 54-EX Chipsets with Projector Red LED

[https://www.amazon.com/dp/B07DTFG354?psc=1&ref=ppx\\_yo2\\_dt\\_b\\_product\\_details](https://www.amazon.com/dp/B07DTFG354?psc=1&ref=ppx_yo2_dt_b_product_details)

AUXITO 1157 3020-SMD RED LED Bulbs

<https://www.ebay.com/itm/173881478049?hash=item287c24cba1:g:Mp8AAOSwOjxdYOuz>

AUXITO 1157 3020-SMD Amber LED bulb

<https://www.ebay.com/itm/123770644815?hash=item1cd14e294f:g:e3wAAOSwhfNdtmlu>