



REVERSE DIODE GATE LIGHT KIT

Light Electrical Specifications

Parameter	NEG	Competitor
Input Voltage Range AC/DC	8-18V	8-15V
Avg Current 12VDC Input @25 deg.C	280ma	330ma
Max Current @ Max Input Voltage	< 320ma @ 18V	< 350ma @ 15V
Light Output @ 12V Input	Light output very constant as light stays on. Approximately 35% more light output at 12V	Light output decreases as light stays on. Less light output
Heat Dissipation	Approximately 20 deg C less heat dissipation	Approximately 20 deg C more heat dissipation
Tip light pulsing	None	Slight pulse

The purpose of these 2 different lamp heads is to maintain proper current flow to the LED Tip Lamp. The IXC, CCU-2, and XLC crossing controllers are some crossing controllers that require a special diode setup in the Tip Lamp to ensure proper functionality. Some symptoms of erratic behavior include not being able to sync the lights correctly (Tip light not staying solid), flickering lights, and lights not fully extinguishing when flashing.

NEG	Part Number
Tip Lamp Assembly for CCU-2 & XLC	NEG-2018-1DCLED-RD-A
Tip Lamp Assembly for IXC	NEG-2018-1DCLED-RD-B
Complete Light Kit with RD-A	NEG-2018-3DCLED-RD-A
Complete Light Kit with RD-B	NEG-2018-3DCLED-RD-B
Sidewalk/Pedestrian Light Kit with RD-A	NEG-2018-1-DCLED-RDA-SW
Sidewalk/Pedestrian Light Kit with RD-B	NEG-2018-1-DCLED-RDB-SW

Installation Instructions

Unlike our competitor you are not required to purchase any additional parts to make these Tip Lamps function. We have internally wired the fix for you and all you will need to do is replace your current tip lamp with the new RD-A or RD-B. You can order an individual head to retro fit an existing light set or you can order a complete reverse diode light kit. In either instance make sure that the tip lamp that is labeled RD-A or RD-B is positioned as the TIP LAMP or it will not function correctly and could cause an LED failure. *Note* The Mid and Base lamp heads will not be marked at all, so position them in their normal location.

Please contact our sales team if you need further technical assistance.

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