

## Programming

P3 Lights' operation can be reprogrammed quickly and easily as follows:

To put the system in programming mode, tap the front or rear brake lever 4 times. Taps must be less than 1 second long, and not more than 2 seconds apart. The P3 will respond with 4 flashes, confirming programming mode.

Once in programming mode, change a setting by tapping the brake the number of times shown in the table below. Taps must be less than 1 second long, and not more than 2 seconds apart.

When you have finished, wait, and the P3 will respond with 2 flashes, confirming the new setting. It then exits programming mode.

All settings are programmed independently and are retained after the ignition is switched off. Decelerometer programming: see insert

## BRAKE LIGHT PROGRAMMING

1 - no brake light modulation

2 - brake light modulates 4 times, then stays on

3 - brake light modulates 4 times rapidly then 4 times slowly, then stays on (default)

## EMERGENCY FLASHER

4 – medium repeating flash; 2 Hz (- - - -)

5 – rapid repeating flash; 5Hz (-----)

6 – quad flash (---- - - - -)

## TAILLIGHT PROGRAMMING

7 – toggle conspicuity flicker ON/OFF (default is ON)

8 – enable normal taillight brightness (default)

9 – enable high taillight brightness, for rain and fog

10 – turns taillight off (brake light only mode)

Note: Depending upon local regulations, you may want to disable taillight modulation and/or brake light modulation. Note, however, that both features significantly increase your visibility to traffic behind you.

## Specifications

*Current draw, controller:* 0.015 amps,

*Operating voltage:* 9 - 16 VDC

*Voltmeter accuracy (P3+):* ±0.1 V

*Maximum Lamp Current:* 6 amps

TS models 3 amps per channel

*Control module dimensions:* L: 1.75" W: 1.31" H: 0.5"

*Control module weight:* 1 oz.

*Fully compatible with BMW CAN-bus*

*Fully compatible with BMW's single filament tail/brake lights*

*This product is protected by US patent 7,928,660.*

Email: [info@sknelights.com](mailto:info@sknelights.com)

Web page: [www.sknelights.com](http://www.sknelights.com)

800-624-0278

Designed and manufactured in the USA

## IQ-260 Family

Rear Lighting Controllers

## Installation and Instruction Manual

(Please see [sknelights.com/installation-p3](http://sknelights.com/installation-p3) for more details)

### Introduction

The IQ-260 family of rear lighting controllers are stand-alone versions of the controller used in Skene Lights P3 systems. They add our unique conspicuity flicker to your own add-on rear visibility lights and/or your existing tail/brake lights.

The “-D” models add deceleration braking. The “-TS” models are dual channel controllers that add turn signal functionality.

The IQ-260 can support any number of lamps with a maximum current draw of 6 amps. The “-TS” models can support a maximum current draw of 3 amps per channel (left and right).

### Installation

With reference to Figure 1 use the included red/gray Posi-tap<sup>®</sup> connectors (Fig 2) to connect the **red** and **white** wires from the controller to your vehicle's **taillight\*** (or any other switched 12V source) and **brake light** wires respectively. If no dedicated taillight wire is available or if the extra current draw on the taillight wire causes a lamp fault indication, connect this wire to a switched 12-volt source. The current draw is 0.015 amps for the controller plus the current drawn by the attached lamps.

Then twist together the **black** wire from the controller and the ground wires from the attached lamps and connect them to a ground

\*NOTE: On recent BMW models see specific installation pages online at [sknelights.com/installation-p3](http://sknelights.com/installation-p3).

