



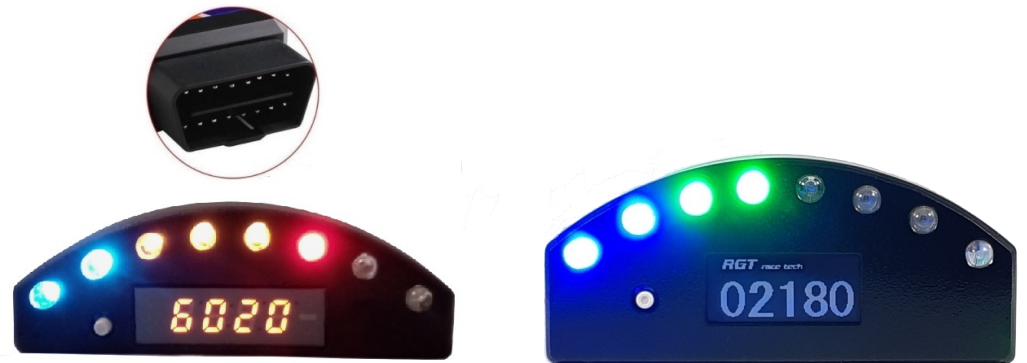
### Specifications

Power requirement 5V with USB adapter  
Power consumption max 0.4A at 5V dc (all lights lit)  
Accuracy within 10 RPM  
Operating temperature 0°C – 50°C (32°F - 122°F)  
RPM range 4000 – 15,000  
Size (W x H x D) 84mm x 29mm x 18mm  
Weight 40 grams (excluding cable)  
Memory lifetime Approximately 40 years  
Begin and redline shift point is user programmable.  
Digital display brightness is user programmable  
LED brightness is user programmable  
2 LED scrolling modes.

### LED Specifications.

Red shift led	21 000 mcd
Red leds	16 000 mcd
Green/Amber leds	12 000 mcd
Blue led	12 000 mcd

## OBD2 SL20/SL25 Sequential Shift Light



Thank you for choosing the RGT SL20/SL25 sequential shift light system. The SL20 /SL25 is easily mounted on your dashboard to give you a visual indication of the optimum point at which to change gear whilst racing.

Unlike conventional shift lights, which require you to rev your engine in order to program the point at which you want the light to come on, the SL20/SL25 can be set up without starting the engine. The built in display enables you to program the shift point more accurately than just using your rev counter.

At the touch of a button, you can easily configure begin of Led lighting rev point, redline shift point, number of cylinders, digital display brightness, LED brightness and LED scrolling mode.

SL20/SL25 features shift flash, this flashes all the LED's at shift point to grab your attention even further.

## Installation

Plug the OBD2 interpreter on your vehicle's OBD2 connector, then power supply the SL20/SL25 with the USB adapter.

Wait for the protocol to initialize and you're done!

## SL20/SL25 Shift light Setup

1. Switch on the ignition, but do not start the engine. Upon power up, after 1s the display will show '0000' to indicate standby mode.
2. Press the button to enter setup mode. Once pressed, each parameter will be sequentially configurable: if no change is done by pressing the button for 3 seconds, the next parameter will be displayed for modification. The parameter order is the following: redline shift point, begin of led lighting rev point, number of pulses, display brightness, LED brightness, LED scrolling mode.
3. Shift point: Hardware default is 4000. Pressing button will increment shifting point by 100 rpm. Once desired value is obtained, wait for the software to switch to next parameter. Note: For values from 10k to 15k rpm the display will show 100 to 150.
4. Begin of led lighting rev point: Hardware default is 100. Pressing button will increment point by 100 rpm up to shift point. Once desired value is obtained, wait for the software to switch to next parameter.
5. Display brightness (SL20 only) : Pressing button will toggle between 3 brightness intensities and the display switched off. Once desired brightness is obtained, wait for the software to switch to next parameter.
6. LED brightness: Pressing button will toggle between 3 LED brightness intensities. Once desired brightness is obtained, wait for the software to switch to next parameter.
7. LED scrolling mode: Each time software is entering into the setup loop, it will change the scrolling mode (single led or accumulative display). Then, if only LED scrolling mode change is desired, one will only have to enter Setup and wait for the SL20 to return to normal mode.