



## Simracing LED Flag Indicator



misterT

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### Summary

Simracing LED Flag Indicator based on an Arduino Nano and an 8x8 WS2812 LED matrix.

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Tags: [led](#) [arduino](#) [ws2812](#) [racing](#) [flag](#) [simracing](#) [sim](#)  
[simhub](#) [iflag](#)

Simracing LED Flag Indicator based on an Arduino Nano and an 8x8 WS2812 LED matrix. You can indicate flags, gear, pit limiter, or whatever you like.

If you like, you can put the diffuser cover on top. Frotn part with integrated diffuser comes soon.

### Software

Simhub or iFlag. I use Simhub ( <https://www.simhubdash.com/> ). It works with almost all racing games and is super easy to use. It even comes with a tool to setup and flash your arduino.

## Required Parts

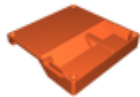
- Arduino Nano
- 8x8 LED Matrix WS2812
- Wire and soldering iron
- M3 screws: 2x 18 mm + 2x 16 mm

## Print Instructions

- Material: PLA/PETG
- Layer height: main parts 0.2 mm or 0.15 mm ; Diffusor must be printed in 0.15 mm
- Perimeters: 2 or 3
- Infill: 15 %
- Supports: No

You need more simracing parts? Hace a look: <https://www.prusaprinters.org/social/10301-mistert/collections/63538>

## Model files



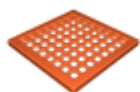
**led-flag-indicator-back.stl**



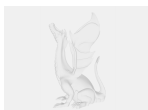
**led-flag-indicator-diffusor-cover.stl**



**led-flag-indicator-main.stl**



**led-flag-indicator-front.stl**

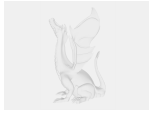


**led-flag-indicator-diffusor-cover.step**



**led-flag-indicator-front.step**

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**led-flag-indicator-back.step**

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**led-flag-indicator-main.step**

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