200 MM LED TRAFFIC LIGHT

For this project I consider use the 200mm LED traffic light, the spefications considered here was based off of what information I could find available on my research of the markets models.

4-080308-0044-000   4-080308-0043-000   4-080308-0038-000   4-080308-0039-000
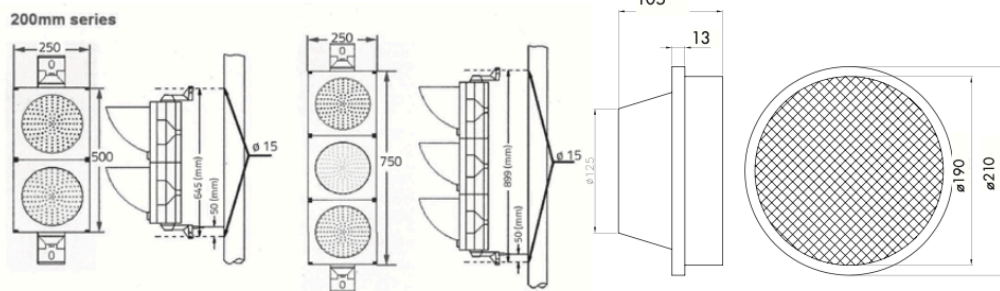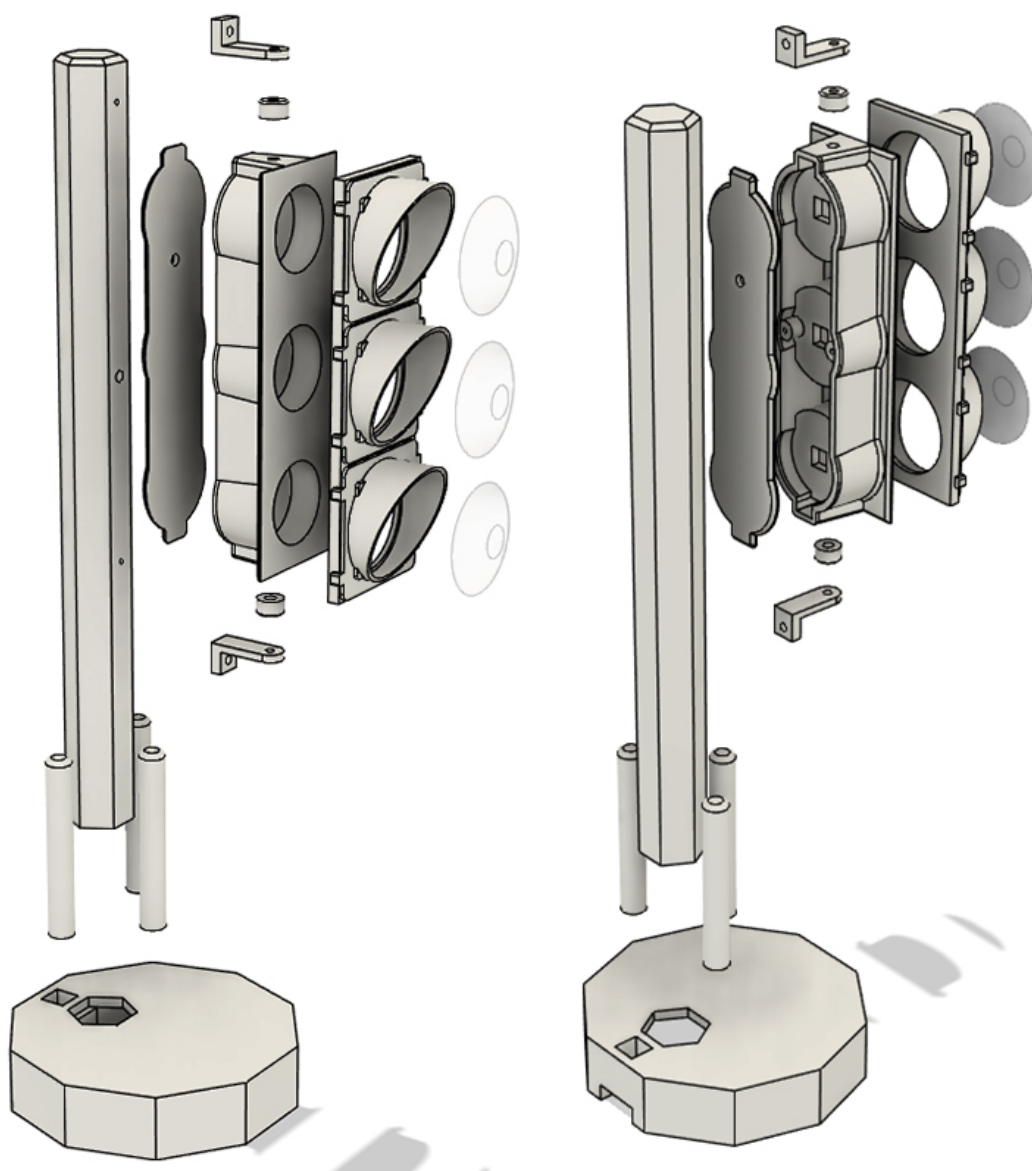
4-080308-0045-000   4-080308-0042-000   4-080308-0040-000   4-080308-0041-000

Technical specifications	200 mm
Shape	200 mm (8") cobweb cover
Led's	High brightness LEDs with integrated optics
Protection level	IP 65
Total harmonic distortion	<20%
Operating temperature	-30°C until +60°C
Angle	Avg. ≥30° Down ≥30°
Operating voltage Range	100-277 Vac
Insulation Resistance	≥2M
MTBF	+ 100.000 hours
Housing material Warranty	Poly Carbonate (PMMA)

Features :

The LED lamp beads are UL Listed, each LED. The LED life span up to 100000 hours. Red LED with 4000-5000mcd brightness, Yellow LED with 4000-5000mcd brightness, Green LED with 7000-9500mcd brightness. LED light-emitting diode is a light source, with stable performance and ideal display effect. It is WATERPROOF: made of Durable black housing to ensure durability and a multilayer seal protects lens from dust and water seal to keep protected from water in harsh weather environments. The waterproof grade is IP65. It's made of clear lens. High penetrability, Fire resistance, Anti-UV. The modules diameter about 299 mm (12 inch). Operating voltage of DC9-36V or 85V-265VA

Wiring diagram

The installation can be horizontal or vertical. Red light to R terminal, Yellow light to Y terminal, Green light to G terminal, common is public line.