Specifications are precise, unambiguous, measurable statements about what the product will do. They contain a metric and a value, and they specify behaviors, functions or attributes. They are targets that the product must satisfy.

Size of wand: 300-500mm

Number of LEDs: 30-100

RPMs of the rotating wand: 600-2400 but not 960-1500 because of seizures.

Weight of the product: 10-40 lbs

number of parts: 3-8

maximum weight of one part: 15-25 lbs

Weight of the rotating mechanism & wand: <3lb

Number of pins for Microcontroller: 30-120

Power required for LEDs: 1.8-7.0 W

Battery life: >1 hour run time

costs: <=$250

image size: all sizes

response time: 0-3 seconds

maximum amount of wiggle room:

<10cm (distance of circle of rotation from expected circle of rotation)