

## Contact Info:

Name: Zhongren(Eric) Zhang

Address: 330 E Las Colinas BLVD APT 342

City: Irving

State: TX

Country: USA

Zip: 75039

Tel: 1-217-819-1011

Email: [zzhang39@gmail.com](mailto:zzhang39@gmail.com)

## Concept:

CITYLIGHT is a hybrid urban illumination system driven by two distinct sources: human-power and electricity. The lamp uses energy saving LED as light source to replace traditional bulbs. Located in public areas, the lamps are connected to outdoor fitness facilities which carry and transfer human power generated to the light system.

The interactive linear lighting pattern in the central of the pole indicates if the LED lamp is being charged by human-power and presents current battery status, which encourages people to participate the green exercise. A monitor located on the pole displays the calories burned and the duration of lighting contributed by individual's exercise.

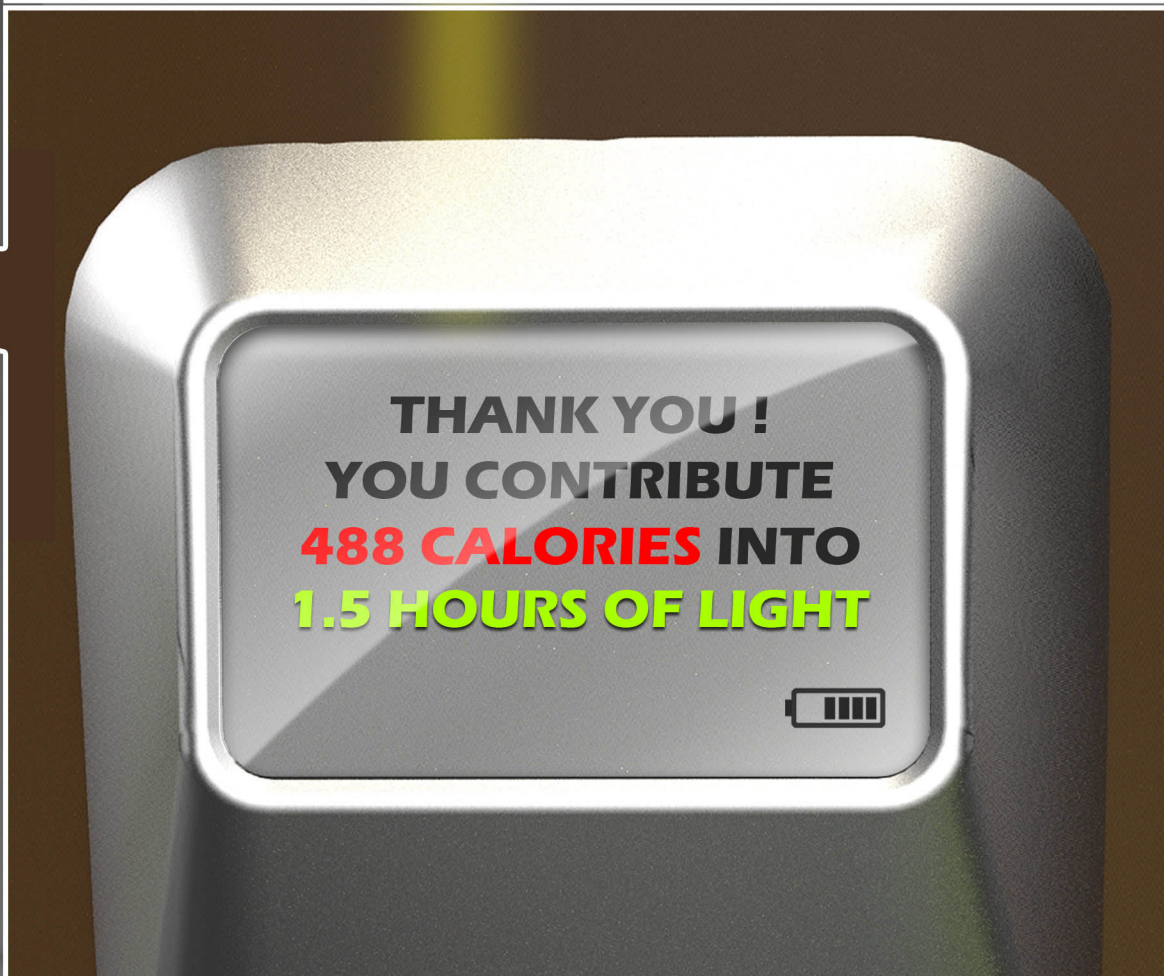
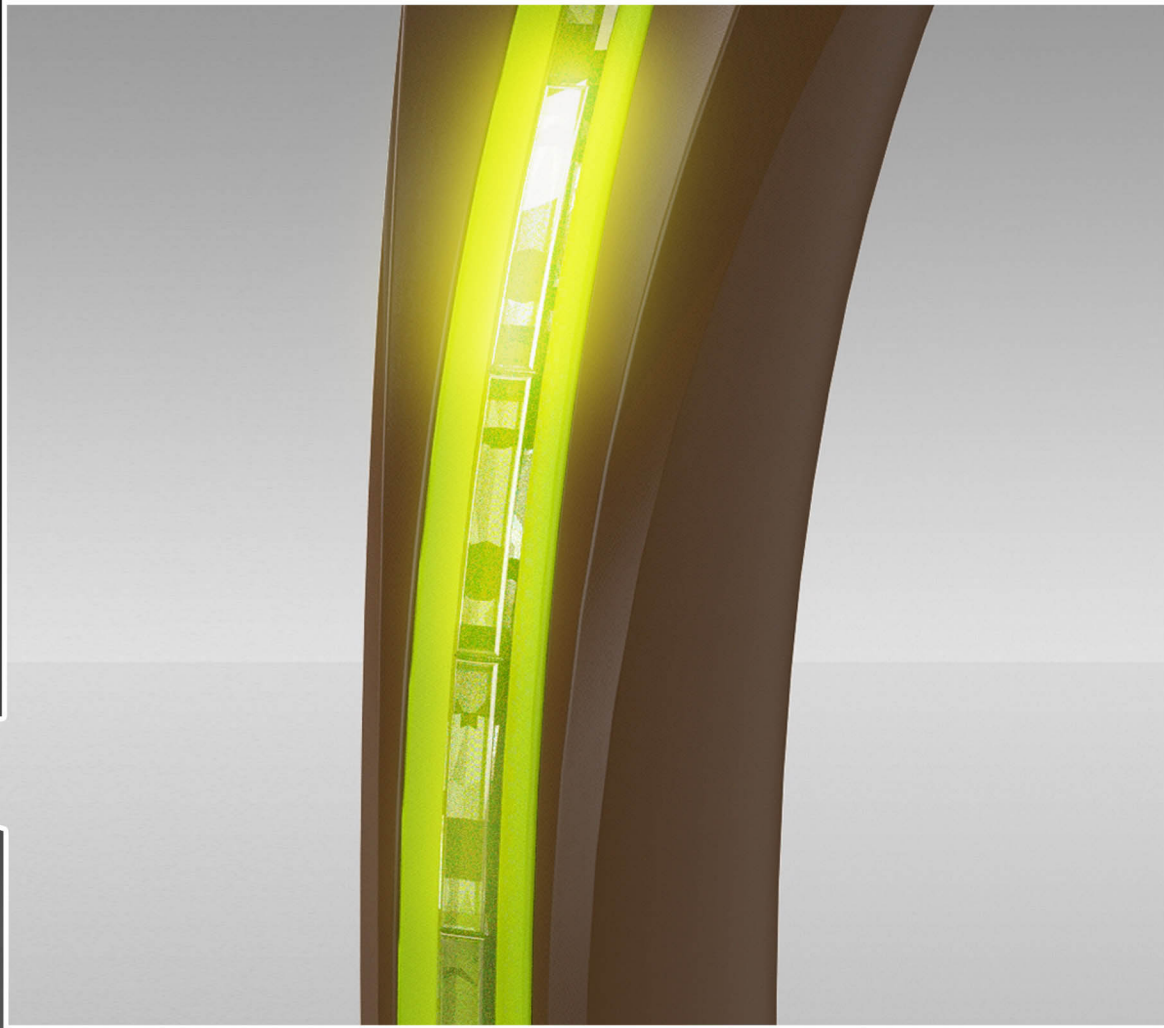
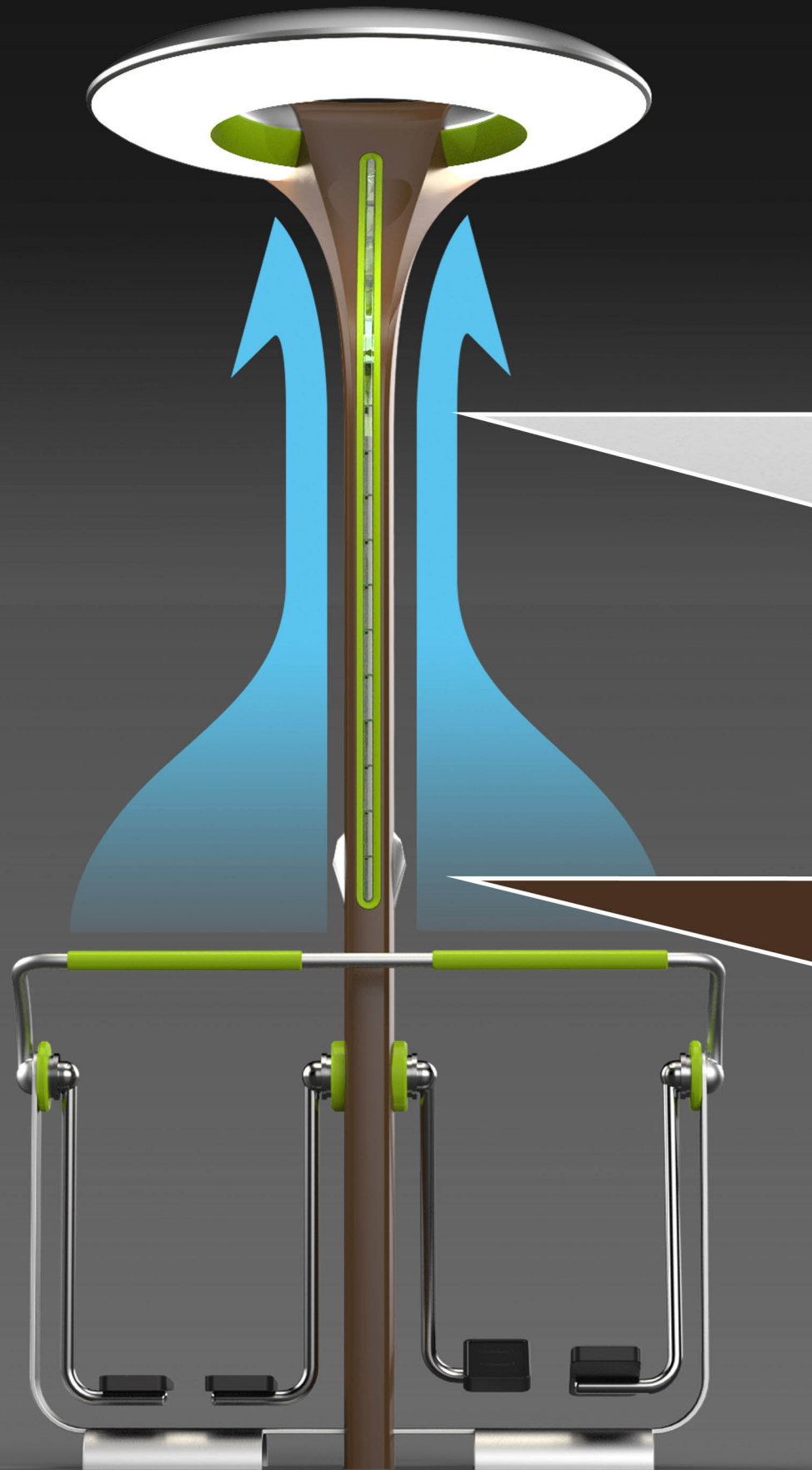
This concept could save a significant amount of public energy spending with utilizing human kinetic energy. In addition, by motivating and emphasizing a healthier life style for individuals, CITYLIGHT also enhances community's awareness of green energy.

# CITYLIGHT Street Lamp

CITYLIGHT is a hybrid urban illumination system driven by two distinct sources: human-power and electricity. The lamp uses energy saving LED as light source to replace traditional bulbs. Located in public areas, the lamps are connected to outdoor fitness facilities which carry and transfer human power generated to the light system. The interactive linear lighting pattern in the central of the pole indicates if the LED lamp is being charged by human-power and presents current battery status, which encourages people to participate the green exercise.



# CITYLIGHT Street Lamp



A monitor located on the pole displays the calories burned and the duration of lighting contributed by individual's exercise. This concept could save a significant amount of public energy spending with utilizing human kinetic energy. In addition, by motivating and emphasizing a healthier life style for individuals, CITYLIGHT also enhances community's awareness of green energy.