

84mm

A

84mm

B

84mm

C

84mm

D

84mm

E

MAWARIDORO

Wind revolving lantern

design by Toshihiko SUZUKI

This product is a light of revolving lantern type being generated by breeze. The AG generator installed in the center of blades gives stable performance even with low-speed rotation. When a wind speed of 1.5m/s blows, a lampshade rotates and LED illumination is lit. The generated electricity is stored in nickel hydride battery and can be used for streetlights and garden lights at night.

People's awareness of ecology has increased recently. Aiming to achieve low-carbon society capable of reducing CO2 by 50%, more products have been manufactured using LED in the field of home lighting equipment. Nevertheless, products for home use with an excellent design have not yet been brought out. Besides, so far the ecology lights required control systems and batteries individually, they required some installation process.

Therefore, we've created a product of stand type light. This product integrated the form of blades to have the wind and the form of shades to reflect light into one. Since it doesn't require any socket, it can be placed at any place you like such as garden and balcony. Mawaridoro converts breath of wind into electricity. Enjoy eco friendly living.



WTL-3

WTL-1

WTL-2

WTL-4

Use : Street lamp
 Setting position : A streetlight, the yard, the door
 Source of light : White (DS), light bulb color (SL), three LED types of blue (BL)
 Illumination : 32 super high brightness LED
 (incandescent light bulb 30W equivalency)
 Power consumption is 1.6W
 Shining with a windless for 24 hours (full charge)
 Generation : 2W(6m/s)
 Visceral solar : max 0.5W
 Control : Charge control, an optical sensor
 Windmill : Vertical axis cross flow type
 Size : φ600mm X H3000mm
 Price : 398,000 (Japanese yen)

Use : Garden light, street lamp
 Setting position : The door, the yard, a sidewalk, a veranda
 Source of light : White (DS), light bulb color (SL), three LED types of blue (BL)
 Illumination : 16 super high brightness LED
 (incandescent light bulb 15W equivalency)
 Power consumption is 0.8W
 Shining with a windless for 12 hours (full charge)
 Generation : 1W(6m/s)
 Visceral solar : max 0.3W
 Control : Charge control, an optical sensor
 Windmill : Vertical axis cross flow type
 Size : φ300mm X H1800mm
 Price : 198,000 (Japanese yen)

Use : Table light, foot lamp
 Setting position : A terrace, a veranda, a sidewalk, a table
 Source of light : White and blue (DS), light bulb color (SL) and blue are two types.
 Illumination : 8 super high brightness LED
 (incandescent light bulb 5W equivalency) X2
 Power consumption is 0.4W
 Shining with a windless for 1 hours (full charge)
 Generation : 0.5W(6m/s)
 Control : Charge control, an optical sensor
 Windmill : Vertical axis cross flow type
 Size : φ220mm X H580mm
 Price : 98,000 (Japanese yen)

Use : Table light
 Setting position : A table, a terrace, a veranda
 Source of light : White (DS), light bulb color (SL), three LED types of blue (BL)
 Illumination : 6 super high brightness LED
 (incandescent light bulb 1W equivalency)
 Power consumption is 0.1W
 Generation : 0.1W(6m/s)
 Windmill : Vertical axis cross flow type
 Size : φ120mm X H300mm
 Price : 48,000 (Japanese yen)

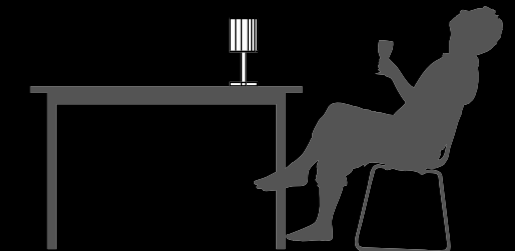
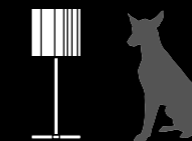
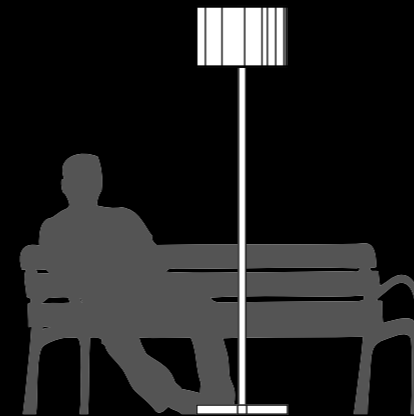
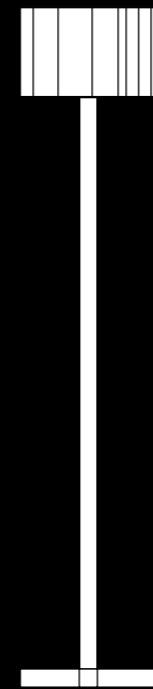
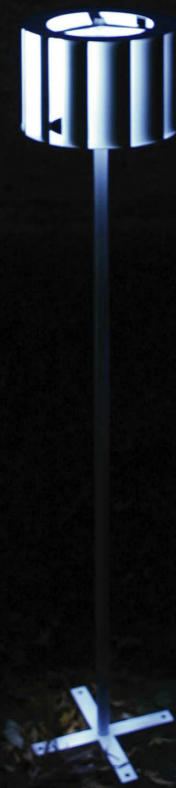


photo : Sadamu SAITO