

# LED TECHNOLOGY FOR GENERAL LIGHTING

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LED | PHOTOVOLTAIK | ENERGIEDACH

# Advantages of LED Lighting

A study conducted by the Lighting Research Center in 1998 found that about 80% of new exit signs being sold in the U.S. utilize LEDs.

## ▣ Long Life

Some LEDs are projected to produce a long service life of about 100,000 hours. For this reason LEDs are ideal for hard-to-reach/maintain fixtures such as exit sign are lighting and, combined with its durability, pathway lighting.

## ▣ No UV Emissions

LEDs produce no UV radiation and little heat, making them ideal for illuminating objects, such as works of art, that are sensitive to UV light.

# Other Benefits

- ▣ Lights instantly
- ▣ Can be easily dimmed
- ▣ Silent operation
- ▣ Low-voltage power supply (increased safety)
- ▣ No mercury

# Street lighting

Leotek

▣ SLC-35BWB1S2



▣ LC-100BWB1S2



▣ LC-150BWB1S2



# Outdoor lighting

Leotek

▣ Wallsconce



▣ Garagelight



▣ SLC-35BWB1S2



# Outdoor lighting

## SED products

- ▣ DIFL-5W to 140W



- ▣ Wall washer



# Indoor lighting industrial

SED product

▣ DIHB-30W to 200W



▣ DIHB-160



▣ DIFL-5W to 140W



# Indoor lighting office facility

## SED products

- ▣ Ceiling 52W (61,5x61.5cm)  
100W (61,5x124cm)



- ▣ Down light 18/13W



- ▣ Bulbs



- ▣ Tubes





# Indoor lighting office facility

- ▣ LED spotlight
  - MR16
  
  - GU10
  
  - PAR

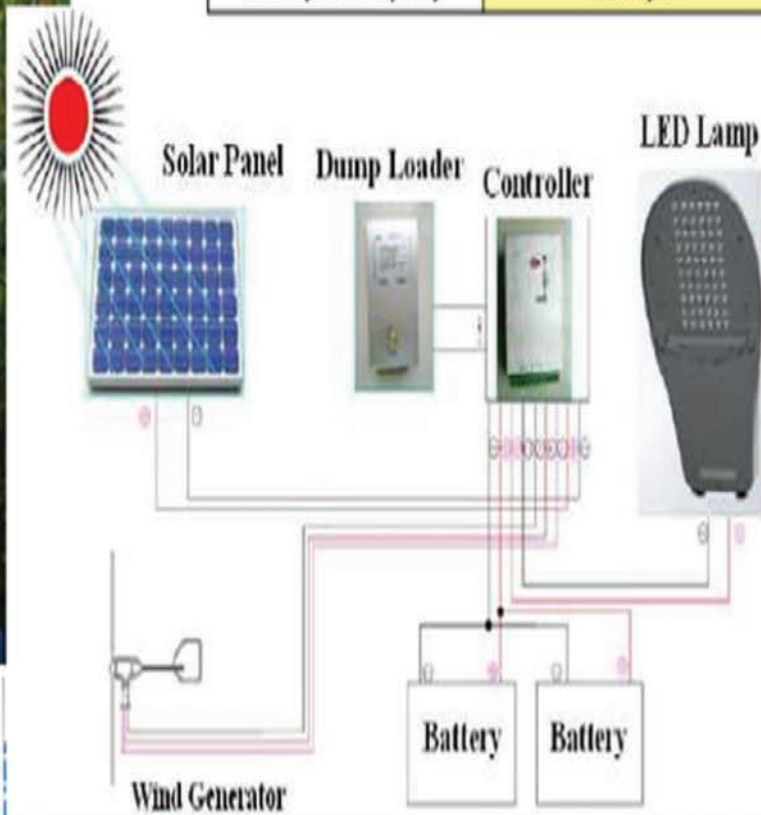


# Stand alone solution

## Wind Solar Hybrid Street Light- I



Power of Solar Panel	12V, 85W
Storage Battery	12V, 150AH*2
Intelligent Controller	Hybrid
Power of Wind Generator	400W
Lamp Source	40W
Lamp Pole Height	4m
Working Time	8-10H/ Days
Cloudy or Rainy Day	3-5 days

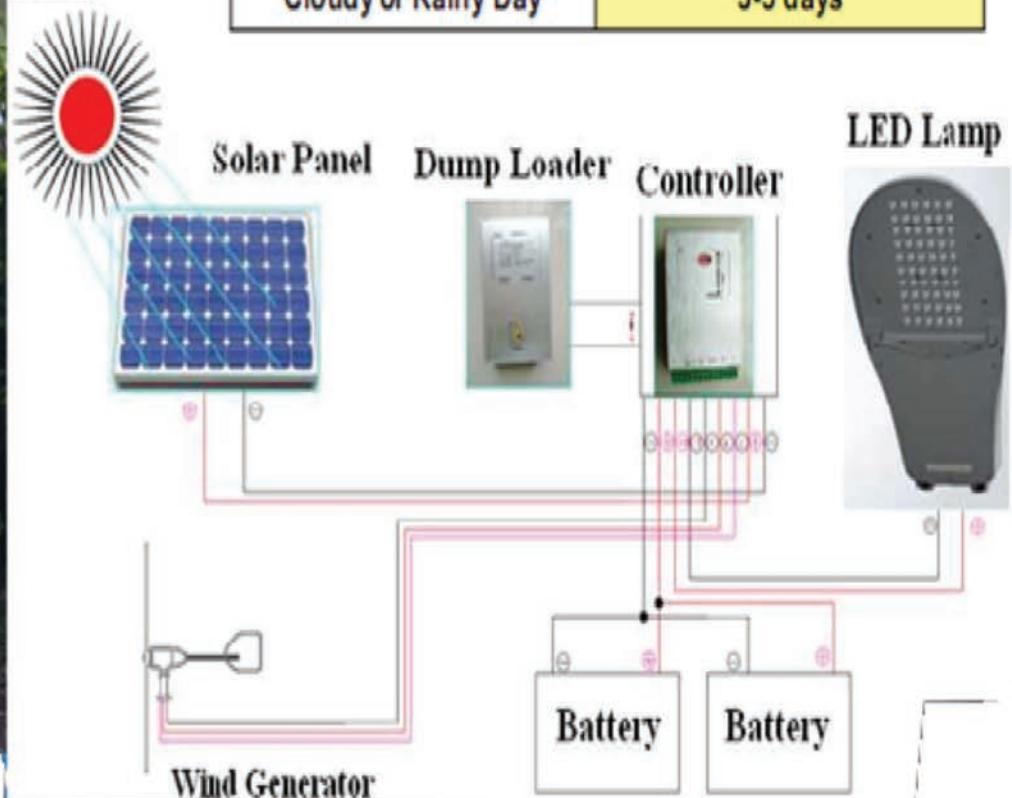


# Stand alone solution

## Wind Solar Hybrid Street Light- II



Power of Solar Panel	36V, 85W
Storage Battery	12V, 150AH*2
Intelligent Controller	Hybrid
Power of Wind Generator	400W
Lamp Source	40W
Lamp Pole Height	3m
Working Time	8-10H/ Days
Cloudy or Rainy Day	3-5 days



# References

