



LVD SERIES



# Perpetual Induction

Long Lasting LVD street-lights

White, yes we can!

Due to heavy requests by our clients, Apex Power Concepts now introduces LVD series.



**Bright, indeed!**

White light, a symbol of glow, shine and most importantly, symbol of excellent. Apex Power Concepts recommends these lights where movement by human beings is consistently high

APEX POWER CONCEPTS  
211, GARGASH CENTER  
DEIRA, DUBAI  
UNITED ARAB EMIRATES  
[WWW.APEXPOWERCONCEPTS.COM](http://WWW.APEXPOWERCONCEPTS.COM)

## LVD SERIES

### SOME HIGHLIGHTS

---

**Bright White light**  
**High efficiency components**  
**Integral design of street light**  
**Very high life**  
**Excellent color rendition**  
**Low Lumen depreciation**  
**Extremely low heat output loss**  
**Low Glare**  
**Durable**  
**Safe for environment**  
**10,000 hr rated life**  
**Most advanced lighting technology in the world**  
**Low environment effect**  
**Wide range of lamps – 15W to 200Watts**  
**Wide voltage selection**  
**12V/24V/48V/220V and more**  
**Wide applications**  
**Road / Lawn / Security / Landscaping**  
**Good luminous efficacy**  
**and more..**

---

FIND MORE ONLINE AT [WEB ADDRESS]

### IMPORTANT BENEFITS

#### COLOR RENDITION

Color rendition is basically ability to differentiate between difficult colors. It is desirable to high color rendition in domestic lamps where the human are expected to stay. With high color rendition, the environment becomes similar to the natural sun light lit area, which is conducive for human beings.

This may, however, not be desirable where the need for bright and highly sensitive lights is needed, especially on streets and highways. Human eye being most sensitive to yellow light makes humans drive better and safer when the light is yellow.

#### LOW LUMEN DEPRECIATION

Some of the lamps that are used currently continue to consume the rated wattage whist depreciating on the light that they emit. A good case here is of metal halide and halogen lamps. These lamps light drops as they age but they continue to consume the rated wattage.

In LVD series, like in SOX range of streetlights, the output over the agent remains more or less consistent without depreciating with time.





### Induction lamp

Induction lamp same cool white color as fluorescent lamps without use of filament thereby extending its life to 120,000 hrs.



### Reliable components

We use SHARP and STECA components along with excellent truly deep dischargeable MAXIMA batteries.



### Truly perpetual

Due to extremely rugged components and design that has been tried and tested against time, perpetual series is truly perpetual



### Bright Ideas... Bright Lamps

Perpetual series of solar street lamps works on simple principle.. Bright ideas.. Brighter lamps. Here is yet another.



### No stopping... no u-turns

Apex Power concepts strives to deliver products that are excellent value for money. We believe in it and strive to deliver the same



# PERPETUAL INDUCTION

Apex Power Concepts, adding to its line of PERPETUAL solar street lamps powered by solar systems introduces PI series of lamps. Keeping true to its tradition of offering solar street lamps that keep true to its promise of being perpetual, PI series of solar street lamps offers lamp that keeps ON when it is suppose to be ON and that too without fail.





### Maxima: Perpetual LVD series

Apex Power Concepts is the leading alternate energy solutions provider in the regions of Middle East and Africa. With MAXIMA range of energy solutions, APC undertakes a step further to provide a wider selection of solar powered street lighting options to the clients.

This range has been developed through a strong engineering knowledge and in-depth study of need of growing solar powered street lighting system.

We invite you to get in touch with our expert engineers who shall be happy to assist you in selecting the right lamps.



#### 40W LVD

White color, 3,400Lmns, 12VDC, IC controlled ballast, Bright white color, CRI 82, 0.99 power factor of DC driver



#### 80W LVD

White color, 6,800Lmns, 12VDC, IC Controlled ballast, Bright white, CRI 82, 0.99 power factor of DC driver



#### 26W LVD (mast type)

White color, 2210Lmns, 12VDC, IC controller ballast, Bright White color, CRI 82, 0.99 power factor of DC driver.



#### 26W – Lamp only

White color, 2210Lmns, 12VDC, IC controller ballast, Bright White color, CRI 82, 0.99 power factor of DC driver