



# NAVAID ENERGY PVT LTD

## LED STREET LIGHT (DIAMOND SERIES)

NavAid Energy LED Street Lights (Diamond Series) are available from 20W to 90W by using High Power LED with 2years warranty save energy up to 50% on exiting Lighting fixtures.



### **Why to Choose NavAid Energy Diamond LED Street Lights(with Lens)-**

- \* Having Wide range of wattage selection 25W to 90W in NavAid Street Light housing
- \* Lumen package ranges from 1,100 to 12,100+ with efficacies of 80-100 lumens per watt
- \* Effectively replaces retro fitted lighting products from 70-250W minimum
- \* 6000K neutral white is standard, 4000K cool white is available
- \* Minimum 80 CRI
- \* Fixtures are IP66 rated and suitable for use in ambient from -40°C to 40°C
- \* Rated system life of 80 - 100K hours for the driver
- \* 2 year limited warranty

Model NO	Wattage	LED Type	Lumens	Dimension (mm)	Weight	Warranty	Packing
LSL-9LED	20-25W	3W	2200	340x134x40	1.6Kg	2years	10Nos
LSL-15LED	35-40W	3W	4400	455x158x45	2.5Kg	2years	10Nos
LSL-24LED	50-60W	3W	5200	455x158x45	2.5Kg	2years	10Nos
LSL-36LED	85-90W	3W	9100	485x345x340	4.9Kg	2years	10Nos

**Note- ALL MODELS ARE WITH SECONDARY OPTICS (Lens as per IENSA-II)  
PHOTOSENSOR FOR AUTO-ON/OFF ALSO AVILABLE**

## Powered By LED-



## LED Drivers Powered By Pyrotech - (IEC Tested/ BIS Registered)

### General Electrical Parameters-

- Efficiency- >85%
- Power factor- >0.9
- Voltage Range- 145-270VAC
- Surge Protection- 4KV
- Open circuit Protection

### General Mechanical Parameters-

- Aluminum Die cast body
- Toughened Glass front cover
- Cable Gland for wire entry
- Silicone based gasket for longer life
- Inbuilt Reflector

## TEST CERTIFICATES-

- 1) ISO9001:2008 Quality Test
- 2) CE-13035
- 3) IEC 61000-4-2 (Electrostatic Discharge Immunity)
- 4) IEC 61000-4-3 (Radio Frequency. Electromagnetic Filed Immunity)
- 5) IEC 61000-4-5 (Surge immunity)
- 6) IEC 61000-4-6 (Electromagnetic Compatibility Immunity EMC)
- 7) IP67 Tested as Per IEC 60529

## APPROVAL-

- 1) NSIC-MSME

**Navaid Energy Private Limited**   
An ISO 9001:2008 Certified Company

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