



PVT. LTD.  
**InnovateNX**  
INNOVATE WHAT'S NEXT



upto  
**50%** ENERGY  
SAVINGS

**IP65/66** RUGGED  
DESIGN

# Glass Street Light

## INX -SGLS 50W/60W/72W/100W/110W/120W/150W/200W

Design, developed and manufactured with the aim to become your long term partner for lighting solution for the outdoor needs. The architecture of INX -SGLS enables you to enjoy the benefits of high energy efficiency. It is designed to achieve better light uniformity and a maximum spacing between poles for both pedestrian and vehicle road applications. With its pressure die-casted aluminum housing and OSRAM LED platform, it is easy to maintain, has a long lifetime, and a consistency you can count on. INX -SGLS offers(upto) 50% energy savings compared to conventional lamp systems, making it the perfect sustainable lighting solution for any emerging metropolis and industrial application.

### APPLICATIONS



CAMPUS  
LIGHTING



PARKS



CAR PARKING



TOWNSHIPS



SECONDARY  
ROADS



PERIMETER  
LIGHTING



INDUSTRIAL  
LIGHTING



RESORTS

### HIGHER EFFICIENCY

Best in class and long life LEDs with good LED driver results in energy savings upto 50%

### STATE OF THE ART DESIGN

Compact and aesthetic design of InnovateNX Lights with the urban architecture and landscapes making the road and area even more bright

### LONGER LIFE

Better thermal management results in the longer durable and maintenance free performance

### RUGGED BODY

Aluminum pressure die casted housing with better protection against solid and liquid particle ingress i.e. IP65/66 build

### FEATURES

- Aluminium pressure die-casted housing for longer life
- Pure polyester powder coated dark gray housing
- High efficiency, long life LEDs upto 50000 hours
- Extra clear glass and dedicated beam angle lens makes it suitable for highways

### INSTALLATION

- Suitable for external pole dia. 38-50mm 50W, 60W, 72W, 100W,120W,150W,200W

# INX SGLS

## PRODUCT TECHNICAL SPECIFICATION

|                                        |                                                                                      |
|----------------------------------------|--------------------------------------------------------------------------------------|
| General information                    |                                                                                      |
| Light source color                     | Cool W hite                                                                          |
| Light source replaceable               | No                                                                                   |
| Driver included                        | Yes                                                                                  |
| Optical cover/lens type                | Glass                                                                                |
| Control interface                      | -                                                                                    |
| Connection                             | Mains outlet socket                                                                  |
| Cable                                  | -                                                                                    |
| Protection class IEC                   | Safety class I (I)                                                                   |
| Flammability mark                      | F [ For mounting on normally flammable surfaces]                                     |
| CE mark                                | No                                                                                   |
| BIS mark                               | Yes                                                                                  |
| Constant light output                  | Yes                                                                                  |
| Light source engine type               | LED                                                                                  |
| Controls and dimming                   |                                                                                      |
| Dimmable                               | No                                                                                   |
| Mechanical and housing                 |                                                                                      |
| Housing Material                       | Aluminum die-cast                                                                    |
| Optic material                         | Glass and PC lens                                                                    |
| Optical cover/lens material            | PC                                                                                   |
| Mounting device                        | Side -entry for circle diameter 38-50 mm]                                            |
| Optical cover/lens shape               | Ball, globular                                                                       |
| Optical cover/lens finish              | Clear                                                                                |
| Overall length                         |                                                                                      |
| Overall width                          |                                                                                      |
| Overall height                         |                                                                                      |
| Effective projected area               | -                                                                                    |
| Color                                  | Gray /Blue/Black                                                                     |
| Dimensions (Height x Width x length)   |                                                                                      |
| Approval and application               |                                                                                      |
| Ingress protection code                | IP65 / IP66 [ Dust proof & jet-proof]                                                |
| Mech. impact protection code           | IK08 [ 5 J vandal -protected]                                                        |
| Surge Protection (Common/Differential) | Luminaire surge protection level until 15 kV differential mode and 15 kV common mode |
| Initial performance (IEC compliant)    |                                                                                      |
| Initial luminous flux (system flux)    | 2500 -30000 lm                                                                       |

|                                 |                                                                                                                                                                 |
|---------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Serviceability class            | Class B, luminaire is equipped with some serviceable parts (when applicable) : driver, control units, surge protection device, front cover and mechanical parts |
| Light technical                 |                                                                                                                                                                 |
| Standard tilt angle posttop     | -                                                                                                                                                               |
| Operating and electrical        |                                                                                                                                                                 |
| Input Voltage                   | 220 to 240 V                                                                                                                                                    |
| Input Frequency                 | 50 /60 Hz                                                                                                                                                       |
| Power Factor (Min)              | 0.95                                                                                                                                                            |
| Luminous flux tolerance         |                                                                                                                                                                 |
| Initial LED luminaire efficacy  | 130 lm/W                                                                                                                                                        |
| Init. Corr. Color Temperature   | 4000 -6000 K                                                                                                                                                    |
| Init. Color Rendering Index     | >70                                                                                                                                                             |
| Initial chromaticity            | (0.38, 0.38) SDCM < 5                                                                                                                                           |
| Initial input power             | Various                                                                                                                                                         |
| Power consumption tolerance     | +/-10%                                                                                                                                                          |
| Application conditions          |                                                                                                                                                                 |
| Ambient temperature range       | -40 to +50 °C                                                                                                                                                   |
| Product data                    |                                                                                                                                                                 |
| Full product code               |                                                                                                                                                                 |
| Order product name              | INX -SGLS - XXX W                                                                                                                                               |
| Order code                      | -                                                                                                                                                               |
| Numerator - Quantity Per Pack   | 1                                                                                                                                                               |
| Numerator - Packs per outer box | 20                                                                                                                                                              |
| Net Weight (Piece)              |                                                                                                                                                                 |



ELECTRICAL DATA

| CAT NO.          | POWER (W) | RATED VOLTAGE (V) | MAINS CURRENT (A) | CASE LOT (IN NOS.) |
|------------------|-----------|-------------------|-------------------|--------------------|
| INX -SGLS -050 W | 50        | 240               | 0.208             | 20                 |
| INX -SGLS -060 W | 60        | 240               | 0.250             | 20                 |
| INX -SGLS -072 W | 72        | 240               | 0.300             | 20                 |
| INX -SGLS -100 W | 100       | 240               | 0.416             | 10                 |
| INX -SGLS -150 W | 150       | 240               | 0.625             | 08                 |
| INX -SGLS -200 W | 200       | 240               | 0.833             | 05                 |

LED is an ever improving and evolving technology. InnovateNX is committed to bring you the best in LED technology. Data given is representative and can change.

