



upto

**50%** ENERGY SAVINGS

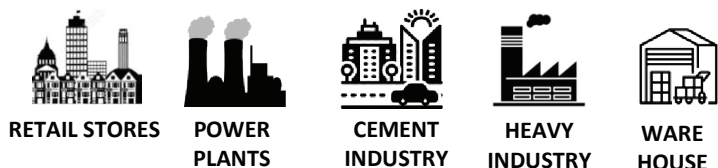
**IP65/66** RUGGED DESIGN

## WELL GLASS

### INX-FDOM 24W/30W/36W/45W/60W/72W/100W

Design, developed and manufactured with the aim to become your long term partner for lighting solution for industrial indoor needs. The architecture of INX-FDOM enables you to enjoy the benefits of high energy efficiency. It is designed to achieve better lighting uniformity. With its die-cast aluminum housing and OSRAM LED platform, it is easy to maintain, has a long lifetime, and a consistency you can count on. INX-FDOM offers 50% energy savings compared to conventional lamp systems, making it the perfect sustainable lighting solution for any emerging metropolis and industrial application. These lights are designed to fulfill the lighting applications of Lighting, Periphery Lighting, Prestigious Heritage Area Outdoor Lighting and Urban Landscape Lighting.

#### APPLICATIONS



#### HIGHER EFFICIENCY

Best in class and long life LEDs with good LED and 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

Aluminium pressure die casted housing with better protection against solid and liquid 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
- Toughened glass to protect against mechanical shock.

#### INSTALLATION

- Wall or surface mounting using adjustable MS handle of thickness 2.50 mm with SS angular bolt.
- Two elliptical slots of Ø8.0 mm is also provided on the handle.

# CNX-FDOM

## Product data

| General information                    |                                                                                      |
|----------------------------------------|--------------------------------------------------------------------------------------|
| Light source color                     | Cool White/Natural White                                                             |
| Light source replaceable               | No                                                                                   |
| Driver included                        | Yes                                                                                  |
| cover/lens type                        | Glass cover micro lens                                                               |
| 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                         | Polycarbonate                                                                        |
| Optical cover/lens material            | Glass                                                                                |
| Mounting device                        |                                                                                      |
| Optical cover/lens shape               | Ball, globular                                                                       |
| Optical cover/lens finish              | Clear                                                                                |
| Overall length                         |                                                                                      |
| Overall width                          |                                                                                      |
| Overall height                         |                                                                                      |
| Effective projected area               | -                                                                                    |
| Color                                  | Gray                                                                                 |
| 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         | +/-10%                                                                                                                                                         |
| Initial LED luminaire efficacy  | 130 lm/W                                                                                                                                                       |
| Init. Corr. Color Temperature   | 6500 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-FDOM- XXX W                                                                                                                                                |
| Order code                      | -                                                                                                                                                              |
| Numerator - Quantity Per Pack   | 1                                                                                                                                                              |
| Numerator - Packs per outer box | 10                                                                                                                                                             |
| Net Weight (Piece)              |                                                                                                                                                                |



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INNOVATE WHAT'S NEXT

ELECTRICAL DATA

| CAT NO.        | POWER (W) | RATED VOLTAGE (V) | MAINS CURRENT (A) | CASE LOT (IN NOS.) |
|----------------|-----------|-------------------|-------------------|--------------------|
| INX-FDOM-024 W | 24        | 240               | 0.100             | 20                 |
| INX-FDOM-030 W | 30        | 240               | 0.125             | 20                 |
| INX-FDOM-036 W | 36        | 240               | 0.150             | 20                 |
| INX-FDOM-045 W | 45        | 240               | 0.187             | 20                 |
| INX-FDOM-060 W | 60        | 240               | 0.250             | 20                 |
| INX-FDOM-072 W | 72        | 240               | 0.300             | 20                 |
| INX-FDOM-100 W | 100       | 240               | 0.416             | 10                 |

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.

