



RECT GLASS

upto
50% ENERGY SAVINGS

IP65/66 RUGGED DESIGN

-FREC

50W/60W/72W/90W/100W/120W/150W/200W/250W/300W/350W/400W

Design, developed and manufactured with the aim to become your long term partner for lighting solution for the outdoor needs. The architecture of INX-FREC enables you to enjoy the benefits of high energy efficiency. It is designed to achieve better light uniformity and a maximum spacing between two lights for all flood light 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-FREC offers (upto) 50% energy savings compared to conventional lamp systems, making it the perfect sustainable lighting solution for any emerging metropolis, industrial and other applications mentioned below.

APPLICATIONS



AIRPORT



INDUSTRIAL
LIGHTING



COLOUMN
LIGHTING



FACADE
LIGHTING



HIGHMAST
LIGHTING



MONUMENT
LIGHTING



STORAGE
LIGHTING



PORTS



SPORTS



CONSTRUCTION
SITE

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

SPECIFICATIONS

- Aluminium pressure die-cast housing for long life
- Pure polyester powder coated dark gray housing
- High efficiency, long life led's either in 2835 or 5050 packages
- High purity PC lens diffuser with silicon gaskets

INSTALLATION

- Wall or surface mounting using adjustable MS handle of thickness 2.50 mm with SS angular bolt is provided with the fixture for precise angular mounting of light. Two elliptical slots of Ø8.0 mm is also provided on the handle
- 3 way 10 Amp connector provided for quick connections

INX-FREC

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
Lighting performance	
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-FREC- XXX W
Order code	-
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	10



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INNOVATE WHAT'S NEXT

ELECTRICAL DATA

CAT NO.	POWER (W)	RATED VOLTAGE (V)	MAINS CURRENT (A)	CASE LOT (IN NOS.)
CNX-FREC-050 W	50	240	0.208	10
INX-FREC-060 W	60	240	0.250	10
INX-FREC-072 W	72	240	0.300	10
INX-FREC-090W	90	240	0.375	8
INX-FREC-100W	100	240	0.417	8
INX-FREC-120 W	120	240	0.500	8
INX-FREC-150 W	150	240	0.625	8
INX-FREC-200 W	200	240	0.833	5
INX-FREC-250 W	250	240	1.042	5
INX-FREC-300 W	300	240	1.250	3
INX-FREC-350 W	350	240	1.458	3
INX-FREC-400 W	400	240	1.667	2
INX-FREC-500 W	500	240	2.083	2

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.