

# Portico Luminaires

Installation, Use and Maintenance Guidelines  
(Indicative for all luminaires in this series)



## Application

Portico luminaire with rotationally symmetrical light distribution, suitable for installation under ceiling and wall for many interior lighting applications.



Note : Technical amendments reserved

Light Source : LED / CFLE. Varied wattage Options

Normal rated voltage for luminaire is 220-240V, 50Hz, single phase ac supply.

## Installation Recommendation

- This product is suitable for Indoor application.
- Electronic equipment is sensitive to voltage surges, Hence it is recommended to install a stabilizer at source to ensure constant voltage power supply to all outdoor luminaires, for better performance and life span of the luminaire and to avoid risk of damage.
- Installation and maintenance of the luminaire should be carried out by qualified person only in accordance with good electrical practice and appropriate accessories.
- Use flexible cable of suitable rating and diameter with the right IP rated connectors.
- It is very important to follow these instructions to enable the luminaire to be installed correctly. Failure to follow this will void all warranty on the product.
- Please retain installation guidelines for future reference.

## Technical Specifications

- Luminaire housing made of spun aluminium / galvano sheets
- UV stabilized acrylic / polystyrene translucent diffuser
- Cable entries for through-wiring of mains supply cable
- Earth connection
- Safety class I
- Protection class IP 20
- CE - Conformity mark
- Finished with epoxy polyester powder coated colour white

## Light distribution

Luminaire photometric data / IES files for the light planning program DIALux can be downloaded in IES-format on the KLITE web page [www.klite.in](http://www.klite.in).

## Safety

- For Safety, always ensure power supply is disconnected before regular maintenance, lamp replacement and accessory fitting.
- Installation and operation of this luminaire are subject to national safety regulations. The manufacturer is discharged from liability when damage is caused by improper use or installation.
- Any modification to this fixture without authorization will void all warranty and the persons responsible for the modification shall be considered as manufacturer.
- Observe precautions for handling LED module.
- Do not subject the product for voltage or current which is not rated for.
- Do not use lamps with higher wattage than indicated.
- Luminaire not suitable for direct mounting on normally flammable surfaces

## Installation

The luminaire must be operated with the complete protective cover.

- Undo screws or open the diffuser by turning in anticlock direction and insert lamp where ever turn type locking arrangement is provided.
- Lead mains supply cable through the cable entry of the housing.
- Install housing flat onto the mounting surface with suitable fixing material.
- Please ensure that the wires are connected to the right polarity [Phase, Neutral & Earth] and the luminaire must be earthed (Class I).
- Twist lock diffuser into the mounting plate or fix with stainless steel screws.
- Lock and unlock the screws following an alternative sequence, tightening all screws evenly if screw version.

## Cleaning and care

- After installation, the luminaire should first be cleaned.
- Building dust, residues from pressure-sensitive adhesives, paint splatter and rust film must be completely removed. Never use cleaning implements made of normal steel, steel brushes or steel wool because they cause extraneous rust to form.
- Cleaning agents containing hydrochloric acid and chlorides should never be used.
- We recommend cleaning the luminaires regularly.
- Do not use high pressure cleaners

## Maintenance Recommendations

A scheduled maintenance program must be carried out on the Installation and fixtures regardless of the IP rating or application

- Disconnect power supply before maintenance operation
- Open the luminaire for replacement of lamp.
- Replacement of integrated LED-unit must be done by qualified personnel only and components must be procured from the manufacturer
- Check the gasket, diffuser, seals are in good condition and replace, if necessary.
- Ensure that the luminaire is properly closed and clamped back into position in order to maintain the IP rating of the fixture.

## Storage

If site is not ready for installation, store the material in proper warehouse facilities. K-Lite is not responsible for the damages caused due to the mishandling of material at site.

## Important Note

To ensure proper installation, kindly translate / communicate the installation instructions to the local qualified electrician in their respective local language.

## Please Recycle

The electronic components of this product should not be disposed via the normal waste system. To prevent possible harm to the environment and Human health please ensure that the product is recycled in an environmentally sound manner. Please contact your local collection facilities for more details

## Customer Service

If Klite agrees to receive back some fixtures for Lab Testing and further analysis please ensure that the fixtures shipped should NOT BE DISASSEMBLED. Disconnect the power line and ship the product as is unless otherwise specified. Please contact [customer-care@klite.in](mailto:customer-care@klite.in) for more information.

## Installation

