TOUCH SCREEN FLOOR CONTROLLER

Our Ecolux TFC is a computer-based, touch screen area controller. It is programmed to control lighting systems on a floor by floor basis. All models include an integral smart, mains powered, UPS which will shut down in a controlled sequence in the event of loss of power to maintain settings and schedules and prevent loss of information. The TFC has additional modules available to allow for the monitoring and reporting of emergency luminaires and to interface with BMS systems through BACnet. Circadian Rhythms can be created to control the colour and intensity of DALI 8 type fittings over the course of a day. The TFC can be supplied in two formats to either fit within the riser or wall mounted in a convenient location.
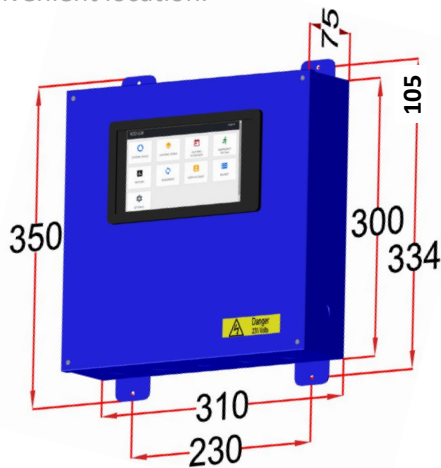
Part Number:

LC-TFC	**Screen**
LC-TFC/EM	**Emergency Monitoring**
LC-TFC/CR	**Circadian Rhythms**
LC-TFC/BAC	**BACnet Server**

ECOLUX DATASHEET

- Add-on options to tailor each controller to individual requirements.
- Switch lighting zones on and off.
- The Lighting Scheduler supports re-occurring events on a daily, weekly, or monthly basis. Flexible monthly repeat patterns can also be programmed such as "1st of the month" or "Last Saturday of the month".
- User permissions can be programmed to restrict who has access to certain lighting zones.
- Terminal Wiring for mains supply and outgoing CAN Bus connections or wiring back to LC-TCP-IP

Optional Modules

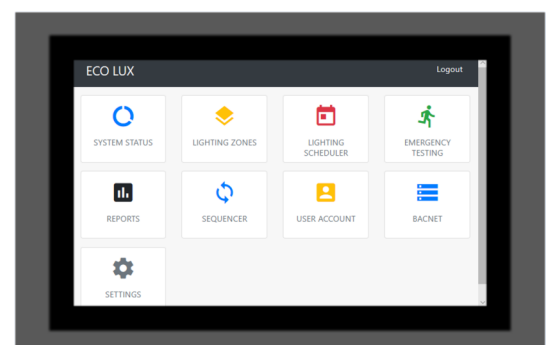### Emergency Testing Module — EM

- When conducting test procedures you can select:
  - All luminaires
  - Luminaire groups
  - Individual luminaires. (Luminaires require a DALI inverter).
- Emergency luminaires can be split into 'test groups' allowing half the luminaires to remain operational while the other half are under test.
- There is no limit to the number of test groups and any luminaire can be placed in any test group.
- Tests can be limited to devices that either have a fault or where a test is overdue. This is useful for repeating tests once faults have been rectified, thus avoiding the re-test of all luminaires.
- Displays the current status of all emergency luminaires within the system at any time.

Circadian Module – CR

- Controls the colour and intensity of DALI Type-8 luminaires over a 24 hour period.
- Lighting schemes can be based on fixed times or vary according to astronomical clock.
- Both timing and lighting colour is fully configurable by the end user.

BACnet Module — BAC

- Control and view the status of lighting over BACnet.
- Connect the lighting system to a BMS.

IMPORTANT: Information contained in this datasheet is subject to change at any time without notice. Installation guides are available on our website (www.lightingcontrols.ltd.uk) or call us on 01252 470 027.