

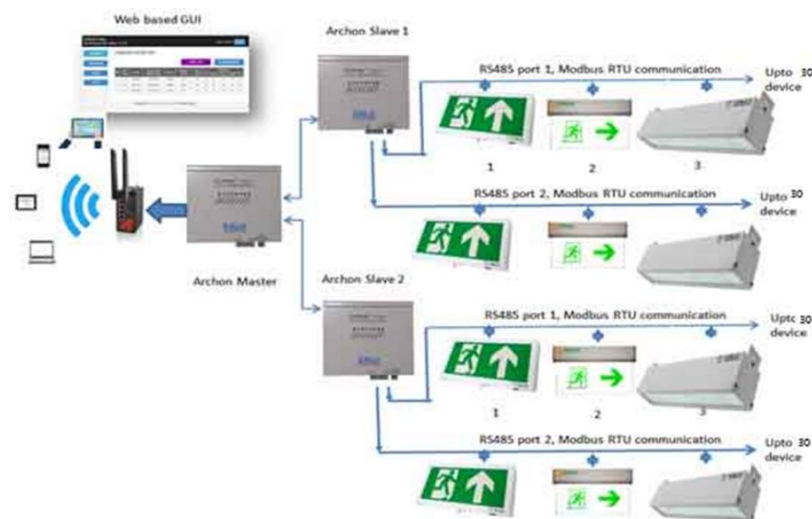
LumiCzar

Model: LZR-XSM20

Self-Contained – Smart Addressable Lighting System

General

The **LumiCzar-(Addressable)** is a simple yet packed with technology to deliver high lumen / low power and exceptionally long battery backup upto 3 hours



Benefits

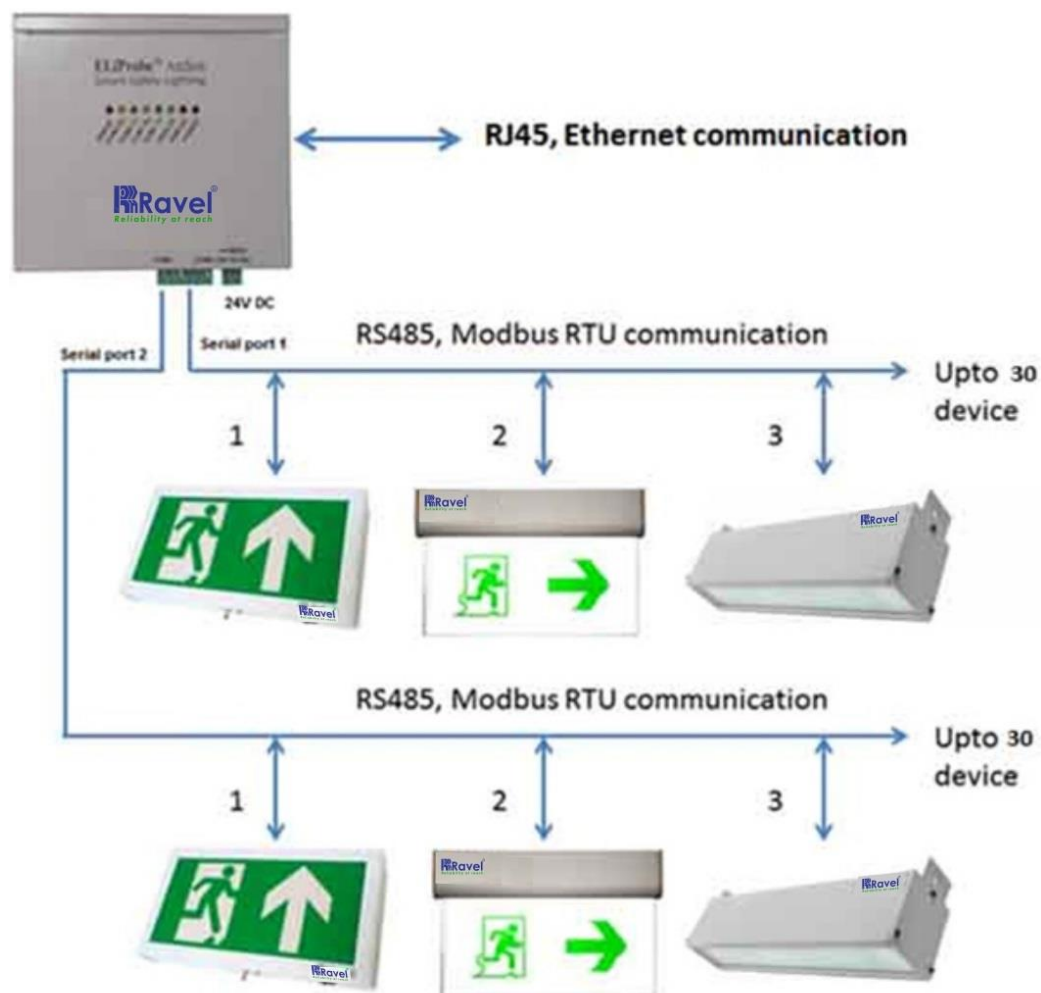
- Centralized monitoring and control facility for all luminaries
- Reduced manpower requirement to maintain / monitor all luminaries' health status.
- Easy to integrate with BMS system
- Real time health monitoring diagnostics to reduce time delay for service / repair.
- Manual/automatic test reports for safety auditing and maintenance work.

LumiCzar

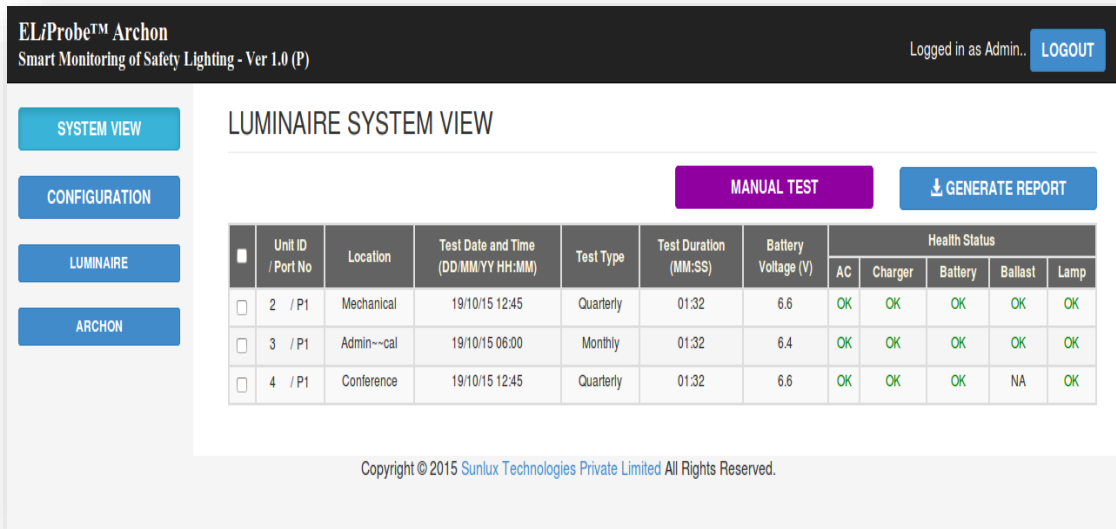
Smart Eliprobe Archon Lighting Controller

General

Eliprobe Archon controller is a gateway that enables to connect luminaires in a multi-drop RS485 serial (Modbus RTU) network. Network of multiple Eliprobe Archon lighting controllers integrate all luminaires across a facility to a central monitoring system.



Web based GUI software



Features

- Web based platform for remote configuration and monitoring of luminaries.
- Online health monitoring of power supply, battery, charger system and LED lamps via RS485 serial Modbus RTU communication
- Remote control facility for ON/OFF and dimming of luminaries.
- Upto 1 year of health test reports can be stored in Eliprobe Archon controller and available for retrieval
- Reports can be viewed from Eliprobe Archon on-premise or using a cloud platform

Specification

Eliprobe Archon Controller: Specifications

Input voltage	24V AC/DC
Dimension	100mm x 100mm x 60mm (approx.)
Weight	300g (approx.)
Application software	Web based GUI for Configuration & Monitoring, Ravel developed serial protocol master
Interface	1 x Ethernet port, 2 x RS485 ports
Operating temp.	0°C - 60°C
IP Rating	IP 20

LumiCzar

Smart Addressable -Self Contained Exit Signage Light



LZR-XSM21



LZR-XSM22

Features

- Low lifecycle cost
- 2Watts LED: low power consumption
- Built-in diagnostics and remote health monitoring
- Battery life above 5 years.
- Lamp life upto 60000 hours
- Battery backup 3hours
- AC or Battery working status LED indication
- Battery low LED indication
- LZR-XSM21: ≥ 20 meters viewing distance
- LZR-XSM22: 20 meters viewing distance.

Legend panels



LumiCzar

Smart Addressable -Self Contained Emergency Light



General

The **LumiCzar-EL-AD** is a compact state-of-the-art emergency light technology that delivers high lumen / low power and long battery backup above 3 hours.

Features

- 4 Watts LED controlled for maximizing the luminosity
- Built-in diagnostics and remote health monitoring
- Battery life upto 5 years.
- Battery backup above 3 hours
- LED driver optimizes the lamp life over 60,000 hours
- Battery over voltage/under voltage cutoff.
- Mounting: Wall or ceiling
- Over voltage protection

India

RAVEL ELECTRONICS PVT LTD.,
150A, Electronics Industrial Estate,
Perungudi, Chennai – 600096, India.
E-mail: marketing@ravelfire.com; Web: www.ravelfire.com

United Kingdom

RAVEL ELECTRONICS LTD.,
Unit 11, Chancel Industrial Estate, Newhall street,
Willenhall WV13 1NX, West Midlands, United Kingdom.
E-mail: info@ravelfire.co.uk; Web: www.ravelfire.co.uk

USA

RAVEL AMERICAS INC.,
2855 NW 112th Ave ST#2 Miami,
Doral, Florida 33172, USA.