syntech
Intuitive LED Technology

WELLS

WIRELESS EMERGENCY LED LUMINIARE SYSTEM

No Control Cabling... No Worries

Were going Wireless

The WELLS Emergency Lighting Solution by Syntech is a modular range of wireless controlled emergency luminaires that communicate via a robust 916mHz transmission platform enabling robust transmission between secure devices up 50 lineal meters.

Each device is a independent communication center delivering signal rerouting capabilities in a Mesh Communication environment.

At the heart of the wireless system is the intuitive WELLS "Touch Screen" Control Unit with auto-sense device detection and "Quick-Net"' intuitive grouping.

The WELLS Emergency Lighting Solution incorporates one of the most user friendly operating systems available in Australasia

Internal and Weatherproof External
Exit Sign & Luminaire Options

Mesh Communication Network
2 Way "Self Healing" Transmission Architecture

Cloud Data Storage
Rolling 24hour back to base cloud recording on all test data

24 Hour Test Capability
Via the WELLS Central Test Centre

Auto Test Scheduling
Program site specific test schedule 24 hours a day / 7days a week...nationwide

Real Time Reporting
Instant status reports / alerts should a network conformance issue be detected

Smart -Net
Ability to test inpendently luminiares within any sub-group or network without manuel
.   networkkdisconnection

How the WELLS System Works
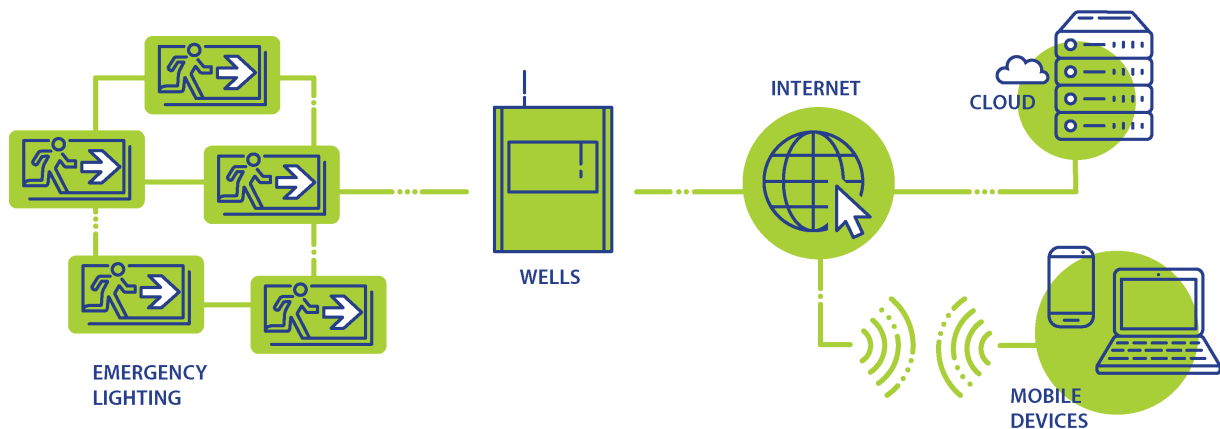
The WELLS Emergency Lighting Solution operates on a 916mHzZ transmission frequency which delivers a robust communication platform that operates in a mesh network typology for enhanced performance and longer transmission pathways.

At the heart of the system is the WELLS "touch screen" control unit which incorporates Quick-Net Auto Sensing" software that immediately identifies grouped, and ungrouped luminaires present in the test environment. The user then simple allocates the luminaires to an existing test network or establishes a new test group in line with as site/building requirements.

EMERGENCY LIGHTING

WELLS

INTERNET

CLOUD

MOBILE DEVICES

WELLS - Control Station & Luminaire Categories

Primus Touch Screen Control Unit

- 9916mHz Control Frequency.

- Control Capacity 800 luminaires

Modula - Surface Mount & Recessed Exit Signs

- 33w Energy Efficient

- Quick- Fit design for speedy Installation

- LiFe04 Lithium Battery Technology

Helix Circular Oyster Series

- 400mm Slimline Design

- 118w / 24w Options

- Standard and Emergency

Modula Series - Surface Mount & Recessed Luminiare

- Low Profile

- Moduler Snap Fit Construction

Linea Series - IP65 Weather Proof Batten

- 2 2 & 4 Foot Configurations

- Standard & Emergency**
* *4 Foot Only

Cosmic Ceiling Mount Bulkhead

- 280mmx2280mm 12w High Output

- Standard and Emergency

System Luminaires & Devices

PRIMUS CONTROL STATION

Capable of managing up to 800 Luminaires the Primus control unit comes complete with integration software and battery back up support system.

Includes   SYN-WCU-1001

- (1) Internal Power Supply
- (1) Touch Screen
- (1) Network Integration Software
-

Dimension & Weight

- 260mm L x 2200mm W x 40mm D

Standards Compliance

- AS/NZS 60598.2.22 / AS/NZS 61347 / AS2293

MODULA SERIES

Recessed LED 3W Exit Sign Series
Slimline in design the new Modula Series of energy efficient exit signs come complete with all sign options and are fitted with the latest LiFe04 Lithium Battery support systems

Includes   SYN-MS-WCS-RCES

- (1) All Sign Options
- (1) Integrated Power Supply
- (1) LiFe04 Lithium Power Supply / Battery
- (1) WELLS Enabled

Dimension & Weight

- 217 H x 335 W x 60mm D

Standards Compliance

- AS/NZS 60598.2.22 / AS/NZS 61347 / AS2293

MODULA SERIES

Surface Mount LED 3W Exit Sign Series
Slimline in design the new Modula Series of energy efficient exit signs come complete with all sign options and are fitted with the latest LiFe04 Lithium Battery support systems

Includes   SYN-MS-WCS-SMES

- (1) All Sign Options
- (1) Integrated Power Supply
- (1) LiFe04 Lithium Power Supply / Battery
- (1) WELLS Enabled

Dimension & Weight

- 217 H x 335 W x 60mm D

Standards Compliance

- AS/NZS 60598.2.22 / AS/NZS 61347 / AS2293

System Luminaires & Devices

MODULA SERIES
3W LED RECESSED LUMINAIRE
3W Emergency luminiare complete with dual lensing for General and Corridor Applications. Complete with internal power supply and LiFe04 Battery Support System

INCLUDES   SYN-MS-SC-WCU

· (1) Internal Power Supply
· (1) LiFe04 Battery Inverter / Charger Unit
· (1) WELLS Control Module
· (1) 150mm Ceiling Adaptor Plate

DIMENSION & WEIGHT

· 105mm O/D x 60mm D

MODULA SERIES
3w Surface Mount LED Luminaire
Designed with clean aethethics the new Modula Series of energy efficient exit signs come complete Dual Lensing for General & Corridor application. Complete with internal power supply and LiFe04 Battery Support System

Includes   SYN-MS-WCS-SME

· (1) All Sign Options
· (1) Integrated Power Supply
· (1) LiFe04 Lithium Power Supply / Battery

Dimension & Weight

· 215mm L x 215mm W x 55mm D

Standards Compliance

· AS/NZS 60598.2.22 / AS/NZS 61347 / AS2293

MODULA SERIES
Surface Mount Enclosure (No Luminaire)
Modula Series surface mount enclosure designed to house the Modula Inverter / Driver and LiFe04 Battery Support System

Includes   SYN-MS-SME

· (1) All Sign Options
· (1) Integrated Power Supply
· (1) LiFe04 Lithium Power Supply / Battery

Dimension & Weight

· 215mm L x 215mm W x 55mm D

Standards Compliance

· AS/NZS 60598.2.22 / AS/NZS 61347 / AS2293

System Luminaires & Devices

HELIX CIRCULAR OYSTER FITTING
Circular IP44 Surface Mount Internal Luminaire
Helix is a compact, low profile luminaire with an anti glare opaque diffuser for superior light distribution. Available in 400mm O/D - High Output 18w configuration

Includes   SYN-HX-18W- WCU-11

- (1) Internal Inverter / Charger Power Supply
- (1) Anti Glare Opaque Diffuser
- (1) Standard and Emergency Variants
- (1) Incorporate LiFe04 Lithium Battery Support Ssytem

Dimension & Weight   Standards Compliance

- 400mm x 50mm
- AS/NZS 60598.2.22 / AS/NZS 61347 / AS2293

COSMIC SERIES
Surface Mount IP65 Internal / External Luminiare
Compact high output luminiare designed for harsh environment with an impact resistance rating IK10 Cosmic is fitted with the latest LiFe04 Lithium Battery pack and Wells Control System

Includes   SYN-CS-WCS-SML

- (1) All Sign Options
- (1) Integrated Power Supply
- (1) LiFe04 Lithium Power Supply / Battery

Dimension & Weight

- 280mm L X 280mm W X 60mm D

Standards Compliance

- AS/NZS 60598.2.22 / AS/NZS 61347 / AS2293

LINEA SERIES
Surface Mount IP65 Internal / External Batten
incorporates a High Output - 2 Row LED Light Engine the Linea is availalble in standard and emergency variants. The main housing is designed o perform in harsh environment and has an impact resistance rating IK09.
Linea is fitted with the latest LiFe04 Lithium Battery support system and WELLS Control System

Includes   SYN-LA-WCS-SMB

- (1) All Sign Options
- (1) Integrated Power Supply
- (1) LiFe04 Lithium Power Supply / Battery

Dimension & Weight

- 1260mm L X 100mm W X 84mm D

Standards Compliance

- AS/NZS 60598.2.22 / AS/NZS 61347 / AS2293

IP, Ingress Protection

IPxx	1st digit – Solid Bodies	2nd digit – Liquid
0	No protection	No protection
1	Protection against solid bodies greater than 50mm	Protection against vertical drops of water on a device in normal position
2	Protection against solid bodies larger than 12mm	Protection against drops of water with an inclination of 15 ° maximum compared to the normal position -one side
3	Protection against solid bodies larger than 2,5mm	Protection against rainwater if it does not not have an angle of more than 60 ° with the vertical
4	Protection against solid bodies larger than 1mm	Protection against splashing water
5	Protection against dust deposits	Protection against spraying water jets
6	Protection against the penetration of dust (waterproof)	Protection against water waves, powerful jets
7		Protection against temporary immersion
8		Protection against prolonged immersion

IK, Impact resistance index

IKxx	Definition
0	No Protection
01	Protected against a shock equivalent to falling from a weight of 150g to a height of 10cm
02	Protected against a shock equivalent to falling from a weight of 200g to a height of 10cm
03	Protected against a shock equivalent to falling from a weight of 250g to a height of 15cm
04	Protected against a shock equivalent to falling from a weight of 250g to a high of 20cm
05	Protected against a shock equivalent to falling from a weight of 350g to a high of 20cm
06	Protected against a shock equivalent to falling from a weight of 250g to a height of 40cm
07	Protected against shock equivalent to falling from a weight of 500g to a height of 40cm
08	Protected against a shock equivalent to falling from a weight of 1250g to a height of 40cm
09	Protected against a shock equivalent to falling from a weight of 2500g to a height of 40cm
10	Protected against a shock equivalent to falling from a weight of 5000g to a height of 40cm

Classification: protection against electric shock

IKxx	Definition
Class 0	Functional insulation without earth connection
Class 1	Functional insulation with earth terminal, equipotential bonding
Class 2	Reinforced insulation without accessible metal parts. Double insulation without grounding
Class 3	Luminaires operating at very low voltage safety (SELV) of 50V maximum

Product Warranties*

Emergency Luminaires

5 Year
Extended Luminaire Warranty

2 Year
Battery Warranty

All emergency modules and fittings have a 5 year product replacement warranty. (Excludes Batteries)

Standard Luminaires

5 Years
Extended Luminaire Warranty

All standard luminaires have a 5 year product replacement warranty

WELLS Enabled Emergency Luminaires

5 Years
Comprehensive Product & Installation Warranty

WELLS Managed Installations are covered by a comprehensive 5 year Warranty on both luminaire and battery packs and labour. (Conditions Apply)

syntech
POWER & LIGHT
Authorised
Installer

syntech
POWER & LIGHT
Authorised
Reseller

ALL EXTENDED WARRANTIES REQUIRE SITE REGISTRATION IMMEDIATELY UPON COMPLETION
REGISTRATION CAN BE DONE VIA OUR WEBSITE
www.syntechinternational.com.au

Notes