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2013
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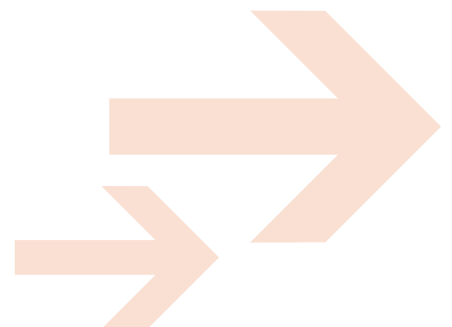
MISSION STATEMENT

To be the region's leading choice for emergency lighting solutions through constant innovation, quality products and excellent services.



KEY MILESTONES

- **1978**
Founded as a sole proprietorship
- **1982**
Turned into an incorporation
- **1994**
Awarded the ISO 9000 certification award by PSB
- **1999**
Expanded into a 5-storey terrace factory
- **2008**
International expansion
- **2009**
Recognised market leader in Singapore's emergency lighting industry





→ **QUALITY PRODUCTS**

Maxspid products are built to adhere strictly to the Singapore Standard 563, 508 and 263 part 2. Also, our products are type and batch tested with PSB PLS-listed label.

The product range includes emergency exit lights, emergency power packs and emergency lights. Our exit signage luminaires use different types of lamp applications (CCFL, LED, Fluorescent) and operation mode (maintained or combined non-maintained).

All our products are guaranteed to be of the highest quality possible. This is only achievable through strict adherence to total quality management and use of quality and reputable component brands. Strict control test awaits each item at the end of the production line when the finished product is put on a test rack for an on-load multiple cycle life tests.



→ **CONSTANT INNOVATION**

Maxspid always interacts with its clients and channel for new product ideas. Only in this way can the company stay ahead through technology advancement and a keen sense for customer needs.

As such, we have developed more than 50 different models of emergency lighting products. Our products are used in all types of buildings, including residential, industrial and commercial purposes. Our manufacturing process includes assembly testing, APCB and SMT production.



→ **EXCELLENT SERVICES**

All customers have their unique requirements. Therefore, Maxspid offers customisation of designs, technical assistance and after-sales assistance. Our customers can expect prompt follow-ups and servicing within the stipulated warranty period.

To realise on prompt delivery of orders and short lead times, Maxspid keeps a substantial stock of raw materials. The maximum time for electrical components is in weeks, a couple of months at most.

Our overseas clients can access Maxspid products and services through distributors and agents. We are entering more overseas market such as Vietnam, Indonesia, India, Sri Lanka, Thailand, South Africa, UAE, Australia and Philippines.

YOU CAN RELY ON US

Maxspid has installed a wide variety of exit lights and emergency luminaires on landmark buildings all over Singapore.

Our impressive portfolio includes ION Orchard, Changi Airport Terminal 3, Resorts World @ Sentosa and Laselle SIA Art College.

Contact us to find out more.

AIRPORT

Changi Airport Cargo Building (CAAS)
Changi Airport Terminal 1
Changi Airport Terminal 2
Changi Airport Terminal 3

COMPANY BUILDING

Applied Material S.E.A. Pte Ltd
Energizer
JTC Factory
NTUC Income Building @ Bras Basah
Panasonic Semiconductor
P & G Innovation Center
Robert Bosch @ Bishan
Seagate at Woodlands
Selegie Complex
Treasury Building

CONDOMINIUM

Ascentia Sky Condominium
Blue Horizon Condominium
City Light Condominium
Cuscaden Royale Condominium
Draycott Drive Condominium
Floridian Condominium
Interlace
Marina Bay Suite
Metropolitan Condominium
NV Residence
Raintree Condominium
Regency Suites Condominium
Seaview Condominium
Sky @ Eleven Condominium
The Gale Condominium
The Laurels Condominium
The Minton Condominium
The Quartz Condominium
The Waterside Condominium
Urban Suite
Waterline Condominium
Watermark Condominium
Waterplace Condominium

EDUCATION INSTITUTION

Anglo-Chinese School
Australian International School
Canadian International School
Laselle SIA Art College
Law Enforcement Academy Of Singapore
Raffles Junior College
Singapore American School
Special Education School For Minds
St. Joseph Institute
Woodlands Junior College

FINANCIAL INSTITUTION

Bank of China
Bank of Tokyo
CIMB Bank
Citibank @ 25th Millenia Tower
Credit Suisse
DBS Hub @ Changi South Ave 2
Deutsche Bank @ One Raffles Quay
Hong Leong Building
Marina Bay Financial Centre
Merrill Lynch @ Harbourfront
OCBC Bank
ORQ – Deutsche Bank
POSB Bank
South Bank
UOB @ Alexandra
UOB Kay Hian @ Scotts

GOVERNMENT

Biopolis
Changi Airbase
Changi Naval Base
Changi Prison Cluster B
Fusionopolis
ICA Building
Jurong Camp
Keat Hong Camp
Khatib Camp
Kranji Camp
MRT - Circle Line
MRT - Downtown Line
Nee Soon Camp
Parliament House
Police Cantonment Complex
Supreme Court
Tuas Checkpoint
Various HDB upgrading (LUP, MUP)
Various MRT Station
Woodlands Checkpoint

HEALTHCARE

Edward Lifesciences
Geylang Polyclinic
Institute of Mental Health
KK Hospital
National Cancer Centre
National Heart Centre
New Renci Hospital
NUH
SGH
Thye Hwa Kuan
Yishun Polyclinic

HOTEL

Amara Hotel
Capella Hotel
Carlton Hotel
Changi Business Park Hotel
Conrad Hotel
Dorsett Hotel
Four Seasons Resort Seychelles
Furama Hotel
Holiday Inn Parkview Hotel
Ibis Hotel
Le Meridian Hotel
Marriot Hotel
Meritus Mandarin Hotel
M-Studio Hotel
Namaste Hotel
One Fullerton
Orchard Hotel Singapore
Park Hotel
Quayside W Hotel
Quincy Hotel
Shangri-La Hotel
St. Regis Hotel
T3 Crown Plaza Hotel
Upper Pickering Street Hotel
Zhong Shan Park Hotel

INTEGRATED RESORTS (IR)

Marina Bay Sands
Resort World @ Sentosa

SHOPPING MALL

AMK Hub
Bugis Junction
Cathay Building
CCRC @ Vista Exchange
Chinatown Point
City Square Mall
Harbourfront
Heeren
ION Orchard
Jurong Shopping Centre
Katong Shopping Mall
Novena Square
Orchard Central
Orchard Turn
Star Vista
Tampines 1
Urban Entertainment Centre @ Victoria Street
Vivo City

UNIVERSITY

National University of Singapore (NUS)
Curtin University
Nanyang Technological University (NTU)
One North @ NTU
Singapore Institute of Management (SIM)
Singapore Management University (SMU)
University of London (UOL)

OTHERS

1 Shenton Way (Robina House)
3M @ Tuas West Road
78 Shenton Way (Lippo Centre)
ADP - Mappletree Business City
BMW Showroom
Cleantech One
Exxon Mobil
Hyflux
Kim Chuan Depot C821B
MDIS
New Phoenix Park
One Raffles Quay
River Safari
Singapore Flyers
Soitec FAB 3 Manufacturing Plant
St. James Power Station @ Anson Road
Toa Payoh Sports Hall
Turf Club
Ulu Pandan Water Plant
URA Centre
Volkswagen Showroom
Water Reclamation Plant WRCP

ZEBRA

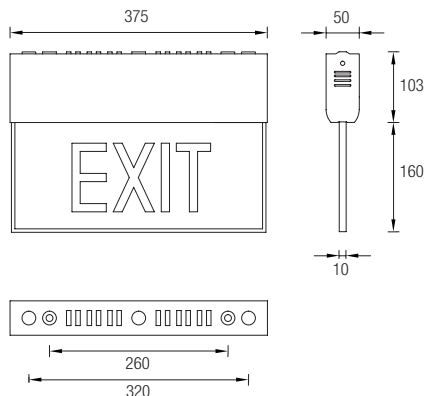
CCFL Lamp with lifespan 50,000 burning hours
Cold cathode fluorescent lamp surface mount emergency exit light



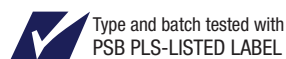
ZS/M/102RM (E)
Running-man graphical exit signs
comply to latest SS563 & SS508



ZS/M/1020



Dimension: mm NTS



Surface Mount
CCFL Slim Exit Sign



TECHNICAL DATA

Mode of operation	: Maintained
Lamp	: 1 x 2W T2 Cold Cathode Fluorescent Lamp (CCFL)
Rated duration	: 2 hr and others
Mains supply	: 230 Volts, 50/60Hz
Power consumption	: 3VA
Battery	: High temp nickel cadmium
Charge monitor	: Green LED Ø5mm
Test facility	: Micro switch
Safety feature	: Low volt cut-off preventing battery overdischarge
Fitting construction	: Electro galvanised steel with epoxy powder coating
Diffuser	: Fire retardant moulded acrylic
Mounting	: Wall or ceiling
Cable entry	: Ø20mm K/O hole
Weight	: 2.6kg (gross)
Compliance	: SS563 : Part 1 & 2, SS 263 : Part 2
Warranty	: 1 year

ORDERING GUIDE

(Please check with Sales Dept if customisation is required)

Single Sided	Double Sided	Legend
ZS/M/1020	ZD/M/1020	EXIT
ZS/M/1020 (R)	ZD/M/1020 (R/L)	EXIT ►
ZS/M/1020 (L)	ZD/M/1020 (R/L)	◄ EXIT
ZS/M/102RM	ZD/M/102RM	Running man
ZS/M/102RM (E)	ZD/M/102RM (E/W)	Running man ►
ZS/M/102RM (W)	ZD/M/102RM (E/W)	◄ Running man
ZS/M/102RM (S)		Running man ↓
ZS/M/102RM (N)		Running man ↑

KEY FEATURES

- > high brightness output
- > highest lumen/watt efficiency
- > low heat
- > low power consumption
- > low maintenance
- > long lifespan
- > snap-on T2 lamp for easy replacement

Specifications subject to changes without prior notice

ZEBRA

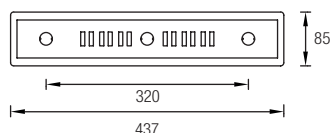
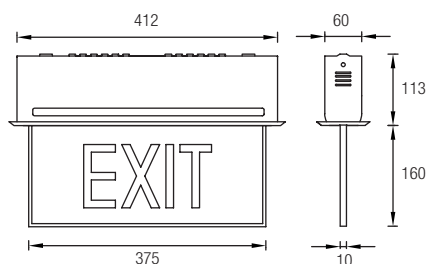
CCFL Lamp with lifespan 50,000 burning hours
Cold cathode fluorescent lamp recess mount emergency exit light



ZSR/M/102RM (E)
Running-man graphical exit signs
comply to latest SS563 & SS508



ZSR/M/1020



Dimension: mm NTS

Type and batch tested with
PSB PLS-LISTED LABEL



415 x 62mm

Recess Mount
CCFL Slim Exit Sign



IP30
CLASS 1

TECHNICAL DATA

Mode of operation	: Maintained
Lamp	: 1 x 2W T2 Cold Cathode Fluorescent Lamp (CCFL)
Rated duration	: 2 hr and others
Mains supply	: 230 Volts, 50/60Hz
Power consumption	: 3VA
Battery	: High temp nickel cadmium
Charge monitor	: Green LED Ø5mm
Test facility	: Micro switch
Safety feature	: Low volt cut-off preventing battery overdischarge
Fitting construction	: Electro galvanised steel with epoxy powder coating
Diffuser	: Fire retardant moulded acrylic
Mounting	: Recess
Cable entry	: Ø20mm K/O hole
Weight	: 2.9kg (gross)
Compliance	: SS563 : Part 1 & 2, SS 263 : Part 2
Warranty	: 1 year

ORDERING GUIDE

(Please check with Sales Dept if customisation is required)

Single Sided	Double Sided	Legend
ZSR/M/1020	ZDR/M/1020	EXIT
ZSR/M/1020 (R)	ZDR/M/1020 (R/L)	EXIT ►
ZSR/M/1020 (L)	ZDR/M/1020 (R/L)	◄ EXIT
ZSR/M/102RM	ZDR/M/102RM	EXIT
ZSR/M/102RM (E)	ZDR/M/102RM (E/W)	EXIT ►
ZSR/M/102RM (W)	ZDR/M/102RM (E/W)	◄ EXIT
ZSR/M/102RM (S)		EXIT ↓
ZSR/M/102RM (N)		EXIT ↑

KEY FEATURES

- > high brightness output
- > highest lumen/watt efficiency
- > low heat
- > low power consumption
- > low maintenance
- > long lifespan
- > snap-on T2 lamp for easy replacement

Specifications subject to changes without prior notice

LEDER

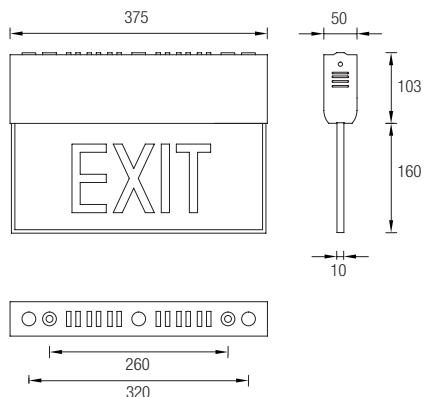
SMT LED with lifespan 50,000 burning hours
SMT LED surface mount emergency exit light



ES/M/W510RM (E)
Running-man graphical exit signs
comply to latest SS563 & SS508



ES/M/W5100



Dimension: mm NTS
High Tech L.E.D
from **NICHIA** (made in Japan)

TECHNICAL DATA

Mode of operation	: Maintained
Lamp	: Maxspid 1W T2 SMT LED Lamp
Rated duration	: 2 hr and others
Mains supply	: 230 Volts, 50/60Hz
Power consumption	: 2VA
Battery	: Nickel-metal hydride
Charge monitor	: Green LED Ø5mm
Test facility	: Micro switch
Safety feature	: Low volt cut-off preventing battery overdischarge
Fitting construction	: Electro galvanised steel with epoxy powder coating
Diffuser	: Fire retardant moulded acrylic
Mounting	: Wall or ceiling
Cable entry	: Ø20mm K/O hole
Weight	: 2.5kg (gross)
Compliance	: SS563 : Part 1 & 2, SS 263 : Part 2
Warranty	: 1 year

ORDERING GUIDE

(Please check with Sales Dept if customisation is required)

Single Sided	Double Sided	Legend
ES/M/W5100	ED/M/W5100	EXIT
ES/M/W5100 (R)	ED/M/W5100 (R/L)	EXIT ►
ES/M/W5100 (L)	ED/M/W5100 (R/L)	◄ EXIT
ES/M/W510RM	ED/M/W510RM	EXIT
ES/M/W510RM (E)	ED/M/W510RM (E/W)	EXIT ►
ES/M/W510RM (W)	ED/M/W510RM (E/W)	◄ EXIT
ES/M/W510RM (S)		EXIT ↓
ES/M/W510RM (N)		EXIT ↑

Type and batch tested with
PSB PLS-LISTED LABEL

Surface Mount
Internal Lit
LED Slim Exit Sign



KEY FEATURES

- > using surface mount technology LED
- > high durability & reliability
- > low heat
- > low maintenance
- > low power consumption
- > no "black ends"
- > snap-on T2 SMT LED lamp for easy replacement

Specifications subject to changes without prior notice

LEDER

SMT LED with lifespan 50,000 burning hours
SMT LED recess mount emergency exit light



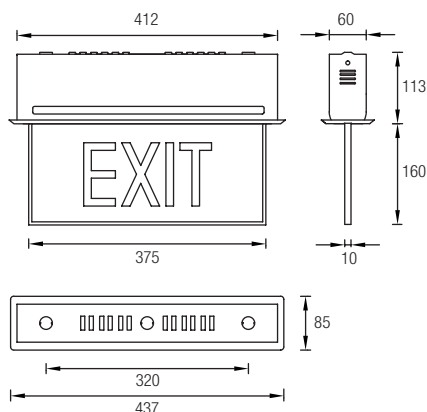
TECHNICAL DATA

Mode of operation	: Maintained
Lamp	: Maxspid 1W T2 SMT LED Lamp
Rated duration	: 2 hr and others
Mains supply	: 230 Volts, 50/60Hz
Power consumption	: 2VA
Battery	: Nickel-metal hydride
Charge monitor	: Green LED Ø5mm
Test facility	: Micro switch
Safety feature	: Low volt cut-off preventing battery overdischarge
Fitting construction	: Electro galvanised steel with epoxy powder coating
Diffuser	: Fire retardant moulded acrylic
Mounting	: Recess
Cable entry	: Ø20mm K/O hole
Weight	: 2.9kg (gross)
Compliance	: SS563 : Part 1 & 2, SS 263 : Part 2
Warranty	: 1 year

ORDERING GUIDE

(Please check with Sales Dept if customisation is required)

Single Sided	Double Sided	Legend
ESR/M/W5100	EDR/M/W5100	EXIT
ESR/M/W5100 (R)	EDR/M/W5100 (R/L)	EXIT ▶
ESR/M/W5100 (L)	EDR/M/W5100 (R/L)	◀EXIT
ESR/M/W510RM	EDR/M/W510RM	EXIT
ESR/M/W510RM (E)	EDR/M/W510RM (E/W)	EXIT ▶
ESR/M/W510RM (W)	EDR/M/W510RM (E/W)	◀EXIT
ESR/M/W510RM (S)		EXIT
ESR/M/W510RM (N)		EXIT



Dimension: mm NTS
High Tech L.E.D
from **NICHIA** (made in Japan)

Type and batch tested with
PSB PLS-LISTED LABEL



Recess Mount
Internal Lit
LED Slim Exit Sign



KEY FEATURES

- > using surface mount technology LED
- > high durability & reliability
- > low heat
- > low maintenance
- > low power consumption
- > no "black ends"
- > snap-on T2 SMT LED lamp for easy replacement

Specifications subject to changes without prior notice

CLASSIC

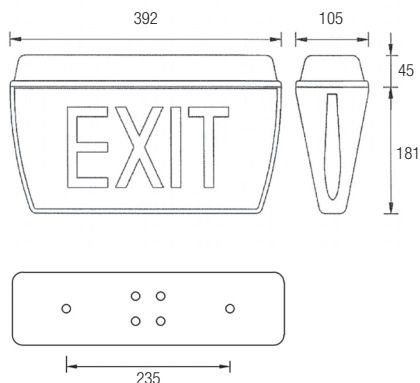
SMT LED with lifespan 50,000 burning hours
Indoor, outdoor, corrosion resistant weatherproof emergency exit light



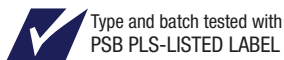
JWS/M/W510RM (E)
Running-man graphical exit signs
comply to latest SS563 & SS508



JWS/M/W5100



Dimension: mm NTS
High Tech L.E.D
from **NICHIA** (made in Japan)



Surface Mount
Weatherproof Exit Sign



TECHNICAL DATA

Mode of operation	: Maintained
Lamp	: Maxspid 1W T2 SMT LED Lamp
Rated duration	: 2 hr and others
Mains supply	: 230 Volts, 50/60Hz
Power consumption	: 2VA
Battery	: Nickel-metal hydride
Charge monitor	: Green LED Ø5mm
Test facility	: Push-off test switch
Safety feature	: Low volt cut-off preventing battery overdischarge
Housing & Diffuser	: Injection moulded fire retardant, high impact polycarbonate
Mounting	: Wall or ceiling
Cable entry	: Ø20mm K/O hole
Weight	: 1.5kg (gross)
Compliance	: SS563 : Part 1 & 2, SS 263 : Part 2
Warranty	: 1 year

ORDERING GUIDE

(Please check with Sales Dept if customisation is required)

Single Sided	Double Sided	Legend
JWS/M/W5100	JWD/M/W5100	EXIT
JWS/M/W5100 (R)	JWD/M/W5100 (R/L)	EXIT ►
JWS/M/W5100 (L)	JWD/M/W5100 (R/L)	◄ EXIT
JWS/M/W510RM	JWD/M/W510RM	Running Man
JWS/M/W510RM (E)	JWD/M/W510RM (E/W)	Running Man ►
JWS/M/W510RM (W)	JWD/M/W510RM (E/W)	◄ Running Man

KEY FEATURES

- > using surface mount technology LED
- > high durability & reliability
- > low heat
- > low maintenance
- > low power consumption
- > no "black ends"
- > snap-on T2 SMT LED lamp for easy replacement

** 1x8W Fluorescent type available upon request (Non PSB PLS listed)

FINESCO

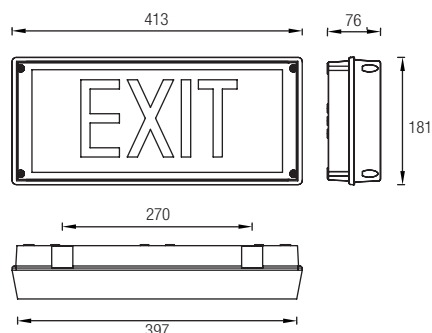
SMT LED with lifespan 50,000 burning hours
Indoor, outdoor, corrosion resistant weatherproof emergency exit light



KL/M/W510RM (E)
Running-man graphical exit signs
comply to latest SS563 & SS508



KL/M/W5100



Dimension: mm NTS
High Tech L.E.D
from **NICHIA** (made in Japan)



Type and batch tested with
PSB PLS-LISTED LABEL



Surface/Semi-recessed Mount
Weatherproof Exit Sign



IP65
CLASS 1

TECHNICAL DATA

Mode of operation	: Maintained
Lamp	: Maxspid 1W T2 SMT LED Lamp
Rated duration	: 2 hr and others
Mains supply	: 230 Volts, 50/60Hz
Power consumption	: 2VA
Battery	: Nickel-metal hydride
Charge monitor	: Green LED Ø5mm
Test facility	: Push-off test switch
Safety feature	: Low volt cut-off preventing battery overdischarge
Housing & Diffuser	: Injection moulded fire retardant, high impact polycarbonate
Mounting	: Wall, ceiling suspended or semi-recessed
Cable entry	: Ø20mm K/O hole
Weight	: 1.7kg (gross)
Compliance	: SS563 : Part 1 & 2, SS 263 : Part 2
Warranty	: 1 year

ORDERING GUIDE

(Please check with Sales Dept if customisation is required)

Single Sided	Legend
KL/M/W5100	
KL/M/W5100 (R)	
KL/M/W5100 (L)	
KL/M/W510RM	
KL/M/W510RM (E)	
KL/M/W510RM (W)	

KEY FEATURES

- > using surface mount technology LED
- > high durability & reliability
- > low heat
- > low maintenance
- > low power consumption
- > no "black ends"
- > snap-on T2 SMT LED lamp for easy replacement

** 1x8W Fluorescent type available upon request
(Comply to CP19, SS263 : Part 2)

BOXSTER

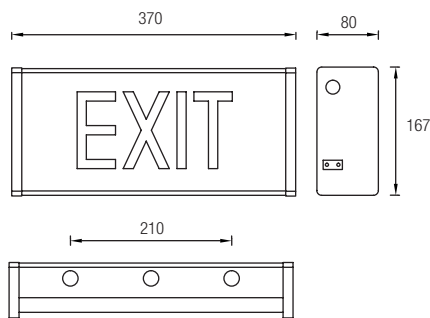
SMT LED with lifespan 50,000 burning hours
Box type single sided emergency exit light




BLS/M/W510RM (E)
Running-man graphical exit signs
comply to latest SS563 & SS508



BLS/M/W5100



Dimension: mm NTS
High Tech L.E.D
from **NICHIA** (made in Japan)

 Type and batch tested with
PSB PLS-LISTED LABEL

Surface Mount
Box Exit Sign








IP30
CLASS 1

TECHNICAL DATA

Mode of operation	: Maintained
Lamp	: Maxspid 1W T2 SMT LED Lamp
Rated duration	: 2 hr and others
Mains supply	: 230 Volts, 50/60Hz
Power consumption	: 2VA
Battery	: Nickel-metal hydride
Charge monitor	: Green LED Ø5mm
Test facility	: Micro switch
Safety feature	: Low volt cut-off preventing battery overdischarge
Fitting construction	: Electro galvanised steel with epoxy powder coating
Diffuser	: Fire retardant moulded acrylic
Mounting	: Wall or ceiling
Cable entry	: Ø20mm K/O hole
Weight	: 2.0kg (gross)
Compliance	: SS563 : Part 1 & 2, SS 263 : Part 2
Warranty	: 1 year

ORDERING GUIDE

(Please check with Sales Dept if customisation is required)

Single Sided	Legend
BLS/M/W5100	
BLS/M/W5100 (R)	
BLS/M/W5100 (L)	
BLS/M/W510RM	
BLS/M/W510RM (E)	
BLS/M/W510RM (W)	

KEY FEATURES

- > using surface mount technology LED
- > high durability & reliability
- > low heat
- > low maintenance
- > low power consumption
- > no "black ends"
- > snap-on T2 SMT LED lamp for easy replacement

** 2x8W Fluorescent type available upon request
(Comply to CP19, SS263 : Part 2)

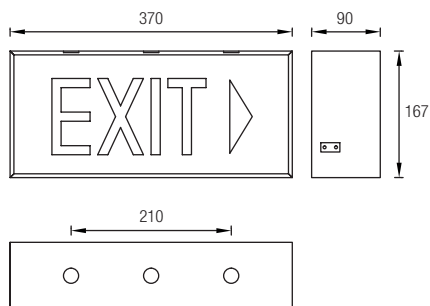
BOXSTER DOUBLE SIDED



BHD/M/W510RM (E/W)
Running-man graphical exit signs
comply to latest SS563 & SS508



BHD/M/W5100 (R/L)



Dimension: mm NTS
High Power L.E.D
from LUMILEDS

LED with lifespan 50,000 burning hours
Box type double sided emergency exit light

TECHNICAL DATA

Mode of operation	: Maintained
Lamp	: 2W High Power LED
Rated duration	: 2 hr and others
Mains supply	: 230 Volts, 50/60Hz
Power consumption	: 3VA
Battery	: Nickel-metal hydride
Charge monitor	: Green LED Ø5mm
Test facility	: Micro switch
Safety feature	: Low volt cut-off preventing battery overdischarge
Fitting construction	: Electro galvanised steel with epoxy powder coating
Diffuser	: Fire retardant moulded acrylic
Mounting	: Ceiling
Cable entry	: Ø20mm K/O hole
Weight	: 2.0kg (gross)
Compliance	: SS563 : Part 1 & 2, SS 263 : Part 2
Warranty	: 1 year

ORDERING GUIDE

(Please check with Sales Dept if customisation is required)

Double Sided	Legend
BHD/M/W5100	EXIT
BHD/M/W5100 (R/L)	EXIT ►
BHD/M/W5100 (R/L)	◄EXIT
BHD/M/W510RM	Running man icon
BHD/M/W510RM (E/W)	Running man icon ►
BHD/M/W510RM (E/W)	◄ Running man icon

✓ Type and batch tested with
PSB PLS-LISTED LABEL

Surface Mount
Box Exit Sign



KEY FEATURES

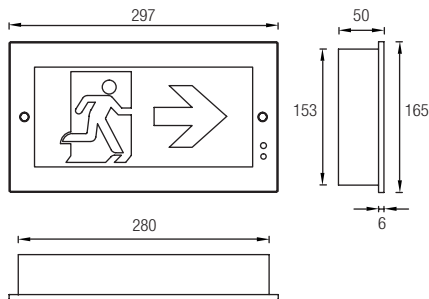
- > low heat
- > low maintenance
- > no "black ends"
- > low power consumption
- > long lifespan

** 2x8W Fluorescent type available upon request
(Comply to CP19, SS263 : Part 2)

BOXSTER RECESS



BLR/M/W510RM (E) MINI
Running-man graphical exit signs
comply to latest SS563 & SS508



Dimension: mm NTS
High Tech L.E.D
from **NICHIA** (made in Japan)

Type and batch tested with
PSB PLS-LISTED LABEL



Full-recessed
Low Level Exit Sign



SMT LED with lifespan 50,000 burning hours
Fully-recessed low level SMT LED emergency exit light

TECHNICAL DATA

Mode of operation	: Maintained
Lamp	: Maxspid 1W T2 SMT LED Lamp
Rated duration	: 2 hr and others
Mains supply	: 230 Volts, 50/60Hz
Power consumption	: 2VA
Battery	: Nickel-metal hydride
Charge monitor	: Green LED Ø5mm
Test facility	: Micro switch
Safety feature	: Low volt cut-off preventing battery overdischarge
Fitting construction	: Electro galvanised steel with epoxy powder coating
Diffuser	: Fire retardant moulded acrylic
Mounting	: Wall fully-recessed
Cable entry	: Ø20mm K/O hole
Weight	: 1.6kg (gross)
Compliance	: SS563 : Part 1 & 2, SS 263 : Part 2
Warranty	: 1 year

ORDERING GUIDE

(Please check with Sales Dept if customisation is required)

Single Sided	Legend
BLR/M/W510RM MINI	
BLR/M/W510RM (E) MINI	
BLR/M/W510RM (W) MINI	

KEY FEATURES

- > using surface mount technology LED
- > high durability & reliability
- > low heat
- > low maintenance
- > low power consumption
- > no "black ends"
- > snap-on T2 SMT LED lamp for easy replacement

BOXSTER RECESS

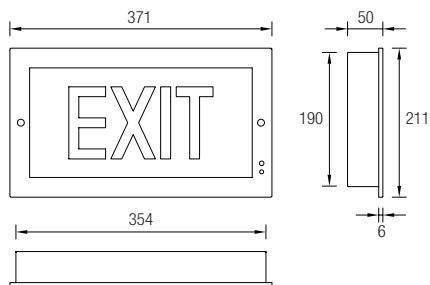
Fully-recessed low level CCFL emergency exit light



BLR/M/102RM (E)
Running-man graphical exit signs
comply to latest SS563 & SS508



BLR/M/1020 (R)



Dimension: mm NTS

Type and batch tested with
PSB PLS-LISTED LABEL



Full-recessed
Low Level Exit Sign



TECHNICAL DATA

Mode of operation	: Maintained
Lamp	: 1 x 2W Cold Cathode Fluorescent Lamp (CCFL)
Rated duration	: 2 hr and others
Mains supply	: 230 Volts, 50/60Hz
Power consumption	: 3VA
Battery	: High temp nickel cadmium
Charge monitor	: Green LED Ø5mm
Test facility	: Micro switch
Safety feature	: Low volt cut-off preventing battery overdischarge
Fitting construction	: Electro galvanised steel with epoxy powder coating
Diffuser	: Fire retardant moulded acrylic
Mounting	: Wall fully-recessed
Cable entry	: Ø20mm K/O hole
Weight	: 2.4kg (gross)
Compliance	: SS563 : Part 1 & 2, SS 263 : Part 2
Warranty	: 1 year

ORDERING GUIDE

(Please check with Sales Dept if customisation is required)

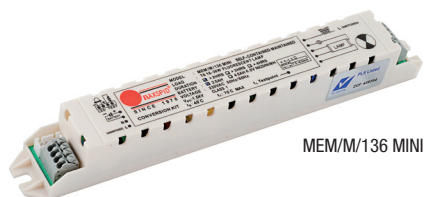
Single Sided	Legend
BLR/M/1020	EXIT
BLR/M/1020 (R)	EXIT ►
BLR/M/1020 (L)	◄EXIT
BLR/M/102RM	Running man
BLR/M/102RM (E)	Running man ►
BLR/M/102RM (W)	◄ Running man

KEY FEATURES

- > high brightness output
- > highest lumen/watt efficiency
- > low heat
- > low power consumption
- > low maintenance
- > long lifespan
- > snap-on T2 lamp for easy replacement

CONVERSION KIT

Emergency kit for fluorescent lamp fitting



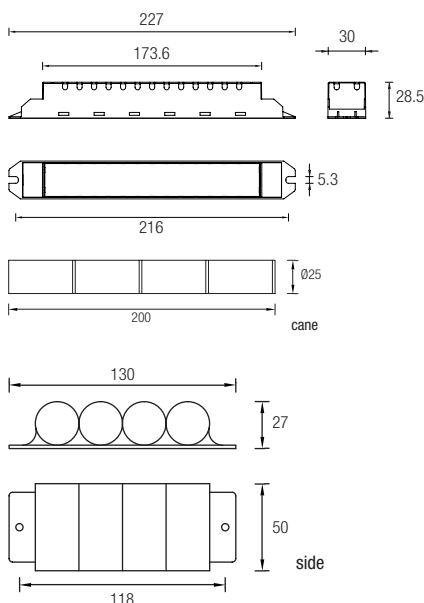
MEM/M/136 MINI



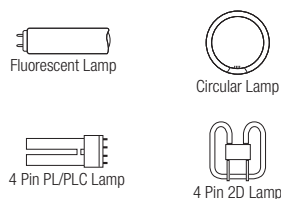
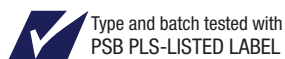
cane



side



Dimension: mm NTS



TECHNICAL DATA

Mode of operation	: Maintained / combined maintained
Lamp	: 4-pin fluorescent, PL/PLC and 2D lamps
Rated duration	: 2 hr and others
Mains supply	: 230 Volts, 50/60Hz
Power consumption	: 2VA
Battery	: High temp nickel cadmium
Charge monitor	: Green LED Ø5mm
Test facility	: Push-off test switch
Safety feature	: Low volt cut-off preventing battery overdischarge
Fitting construction	: Polycarbonate housing
Weight (module only)	: 0.15kg (gross)
Compliance	: IEC 61347-2-7, IEC 61347-1
Warranty	: 1 year

ORDERING GUIDE

(Please check with Sales Dept if customisation is required)

Model	Fluorescent Lamp	For use with
MEM/M/118 MINI	18W, PL10-PLC26W 4-pin	Conventional ballast
MEM/M/136 MINI	36W, PLC26W 4-pin	
MEM/M/158 MINI	58W, PLL32-42W 4-pin	
MEM/M/114E MINI	14W, 18W, PL10-PLC26W 4-pin	Electronic ballast
MEM/M/128E MINI	28W, 36W, PLC26W 4-pin	
MEM/M/154E MINI	35W, 49W, 54W	
MEM/M/158E MINI	58W, PLL32-42W 4-pin	

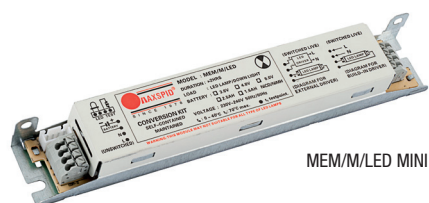
Note:

Can be incorporated into combined maintained, combined non-maintained and non-maintained mode of operation.

Specifications subject to changes without prior notice

CONVERSION KIT

Emergency kit for LED lamp fitting



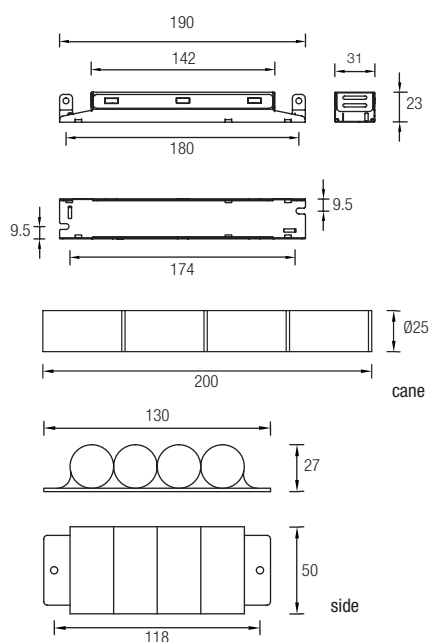
MEM/M/LED MINI



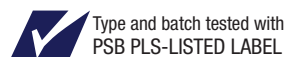
cane



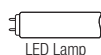
side



Dimension: mm NTS



Type and batch tested with
PSB PLS-LISTED LABEL



LED Lamp



TECHNICAL DATA

Mode of operation	: Maintained
Lamp	: LED Lamp
Rated duration	: 2 hr and others
Mains supply	: 230 Volts, 50/60Hz
Power consumption	: < 3VA
Battery	: High temp nickel cadmium
Charge monitor	: Green LED Ø5mm
Test facility	: Push-off test switch
Safety feature	: Low volt cut-off preventing battery overdischarge
Fitting construction	: Electro galvanised steel with epoxy powder coating
Weight (module only)	: 0.15kg (gross)
Compliance	: IEC 61347-2-7, IEC 61347-1
Warranty	: 1 year

ORDERING GUIDE

(Please check with Sales Dept if customisation is required)

Model	Lamp (length)
MEM/M/LED MINI	2ft to 5ft T5/T8 LED Lamp

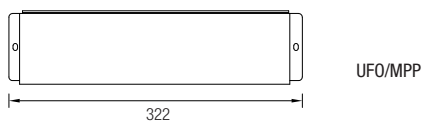
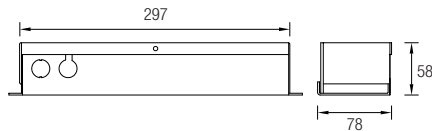
** Please ensure that your LED Driver is suitable for Emergency installation.

POWER PACK

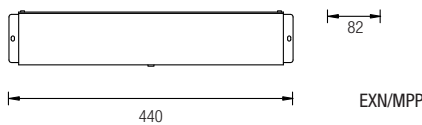
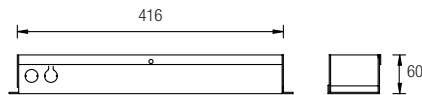
Emergency power pack for 4-pin PL/PLC and 2D lamp fitting



MPP/M/PLC13-18 NC

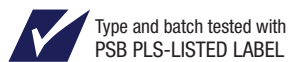


UFO/MPP

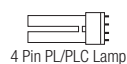


EXN/MPP

Dimension: mm NTS



Type and batch tested with
PSB PLS-LISTED LABEL



4 Pin PL/PLC Lamp



4 Pin 2D Lamp



IP30
CLASS 1

TECHNICAL DATA

Mode of operation	: Maintained / combined maintained
Lamp	: 4-pin PL/PLC and 2D lamps
Rated duration	: 2 hr and others
Mains supply	: 230 Volts, 50/60Hz
Power consumption	: 2VA
Battery	: High temp nickel cadmium
Charge monitor	: Green LED Ø5mm
Test facility	: Push-off test switch
Safety feature	: Low volt cut-off preventing battery overdischarge
Fitting construction	: Electro galvanised steel with epoxy powder coating
Cable entry	: Ø20mm K/O hole
Weight	: 1.3kg (gross)
Compliance	: IEC 61347-2-7, IEC 61347-1
Warranty	: 1 year

ORDERING GUIDE

(Please check with Sales Dept if customisation is required)

Model	Lamp	For use with	Remote box size
MPP/M/PLC13-18 NC	PLC10 - 18W	Conventional ballast	UFO/MPP
MPP/M/PLC26 NC	PLC26W		UFO/MPP
MPP/M/PLC58 NC	PLT32 - 42W		EXN/MPP
MPP/M/PLC13-18E NC	PLC10 - 18W	Electronic ballast	UFO/MPP
MPP/M/PLC26E NC	PLC26W		UFO/MPP
MPP/M/PLC58E NC	PLT32 - 42W		EXN/MPP

Note:

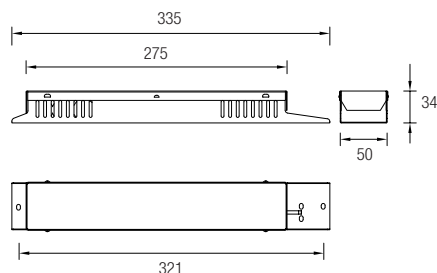
Can be incorporated into combined maintained, combined non-maintained and non-maintained mode of operation.

POWER PACK

Emergency power pack for LED downlight




MPP/M/LED

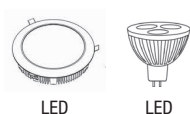


Dimension: mm NTS

TECHNICAL DATA

Mode of operation	: Maintained
Lamp	: LED Lamp
Rated duration	: 2 hr and others
Mains supply	: 230 Volts, 50/60Hz
Power consumption	: < 3VA
Battery	: High temp nickel cadmium
Charge monitor	: Green LED Ø5mm
Test facility	: Push-off test switch
Safety feature	: Low volt cut-off preventing battery overdischarge
Fitting construction	: Electro galvanised steel with epoxy powder coating
Cable entry	: Ø20mm K/O hole
Weight	: 1.3kg (gross)
Compliance	: IEC 61347-2-7, IEC 61347-1
Warranty	: 1 year

 Type and batch tested with PSB PLS-LISTED LABEL



LED

LED



ORDERING GUIDE

(Please check with Sales Dept if customisation is required)

Model	Lamp
MPP/M/LED	LED Downlight

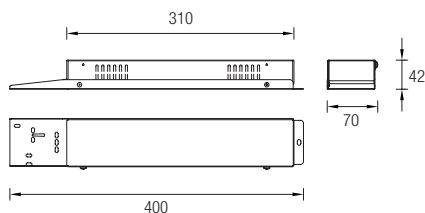
** Please ensure that your LED Driver is suitable for Emergency installation.

BRITELITE


Emergency power pack for 12 volt lamp fitting

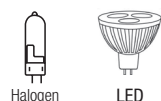


EXN/M/150



Dimension: mm NTS

 Type and batch tested with
PSB PLS-LISTED LABEL



TECHNICAL DATA

Mode of operation	: Maintained
Lamp	: 12V 50W halogen lamp (max) / 12V LED lamp
Rated duration	: refer to Ordering Guide
Mains supply	: 230 Volts, 50/60Hz
Power consumption	: 4VA Non-maintained mode
Battery	: High temp nickel cadmium
Charge monitor	: Green LED Ø5mm
Test facility	: Push-off test switch
Safety feature	: Low volt cut-off preventing battery overdischarge
Fitting construction	: Electro galvanised steel with epoxy powder coating
Cable entry	: Ø20mm K/O hole
Weight	: 1.6kg (gross)
Compliance	: IEC 61347-2-7, IEC 61347-1
Warranty	: 1 year

ORDERING GUIDE

(Please check with Sales Dept if customisation is required)

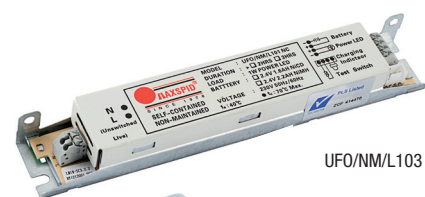
Model	Lamp	Duration (hr)
EXN/M/150	12V 20W Halogen	2
	12V 50W Halogen	> 1
	12V LED lamp	2

Note:

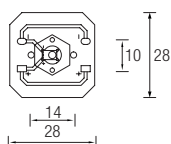
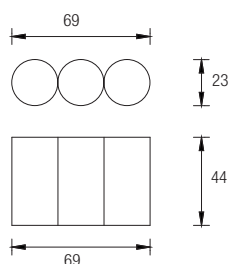
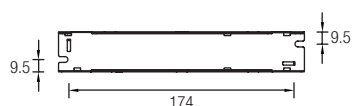
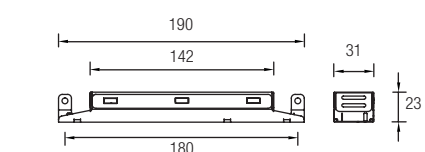
For maintained mode, lamp, lamp fixture and 230V/12V main step-down transformer are not included. Step-down transformer can be installed into remote box or onto the lamp fixture at site.

STARLITE

LED Auxiliary emergency power pack



UFO/NM/L103



Dimension: mm NTS

Type and batch tested with
PSB PLS-LISTED LABEL



LED



TECHNICAL DATA

Mode of operation	: Non-Maintained
Lamp	: 1 x 3W High Power LED
Rated duration	: 2 hr and others
Mains supply	: 230 Volts, 50/60Hz
Power consumption	: 2VA
Battery	: High temp nickel cadmium
Charge monitor	: Green LED Ø5mm
Test facility	: Push-off test switch
Safety feature	: Low volt cut-off preventing battery overdischarge
Fitting construction	: Electro galvanised steel with epoxy powder coating
Weight (module only)	: 0.15kg (gross)
Compliance	: IEC 61347-2-7, IEC 61347-1
Warranty	: 1 year

ORDERING GUIDE

(Please check with Sales Dept if customisation is required)

Model	Lamp	Battery type
UFO/NM/L103	1 x 3W LED	Nickel cadmium

KEY FEATURES

- > high brightness output
- > high lumen/watt efficiency
- > low power consumption
- > low maintenance
- > long lifespan

STARLITE

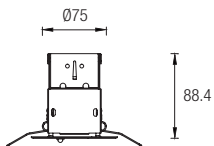
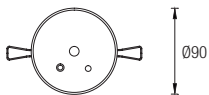
LED Non-maintained recess mount emergency light



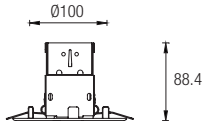
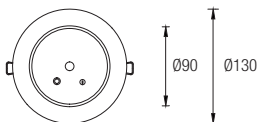
UFO/NM/L101 NC



UFOR/NM/L101 NC

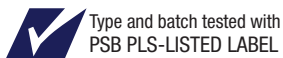


UFO/NM/L101 NC



UFOR/NM/L101 NC

Dimension: mm NTS
High POWER L.E.D
from LUMILEDS



Ø76 / Ø100mm

Recess Mount
Miniature Emergency Luminaire



IP30
CLASS 1

TECHNICAL DATA

Mode of operation	: Non-Maintained
Lamp	: 1W High Power LED
Rated duration	: 2 hr and others
Mains supply	: 230 Volts, 50/60Hz
Power consumption	: 2VA
Battery	: High temp nickel cadmium or Nickel-metal hydride
Charge monitor	: Green LED Ø5mm
Test facility	: Micro switch
Safety feature	: Low volt cut-off preventing battery overdischarge
Fitting construction	: Electro galvanised steel with epoxy powder coating
Mounting	: Recess (accessible and inaccessible ceiling)
Weight	: 0.4kg (gross)
Compliance	: SS563 : Part 1 & 2, SS 263 : Part 2
Warranty	: 1 year

ORDERING GUIDE

(Please check with Sales Dept if customisation is required)

Model	Lamp	Battery type
UFO/NM/L101 NC	1W LED	Nickel cadmium or Nickel-metal hydride
UFOR/NM/L101 NC	1W LED	Nickel cadmium or Nickel-metal hydride

KEY FEATURES

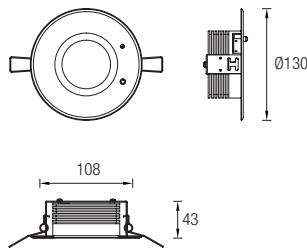
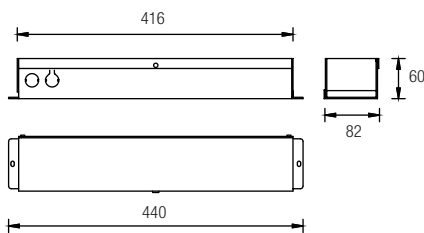
- > high brightness output
- > high lumen/watt efficiency
- > low power consumption
- > low maintenance
- > long lifespan

STARLITE

LED Non-maintained recess mount high lumen output emergency light



UFOR/NM/L303 NC



Dimension: mm NTS

High POWER L.E.D
from LUMILEDS

Type and batch tested with
PSB PLS-LISTED LABEL



Ø110 mm

Recess Mount
Emergency Luminaire



IP30
CLASS 1

TECHNICAL DATA

Mode of operation	: Non-Maintained
Lamp	: 10W High Power LED Module
Rated duration	: 2 hr and others
Mains supply	: 230 Volts, 50/60Hz
Power consumption	: 5VA
Battery	: High temp nickel cadmium
Charge monitor	: Green LED Ø5mm
Test facility	: Micro switch
Safety feature	: Low volt cut-off preventing battery overdischarge
Fitting construction	: Electro galvanised steel with epoxy powder coating
Mounting	: Recess
Cable entry	: Ø20mm K/O hole
Weight	: 3.0kg (gross)
Compliance	: SS563 : Part 1 & 2, SS 263 : Part 2
Warranty	: 1 year

ORDERING GUIDE

(Please check with Sales Dept if customisation is required)

Model	Lamp	Battery type
UFOR/NM/L303 NC	10W LED Module	Nickel cadmium

KEY FEATURES

- > high brightness output
- > high lumen/watt efficiency
- > standard size application for both accessible and inaccessible ceiling
- > low power consumption
- > low maintenance
- > long lifespan

STARLITE

Non-maintained recess mount emergency light

TECHNICAL DATA

Mode of operation	: Non-Maintained
Lamp	: 6V 10W miniature tungsten halogen lamp
Rated duration	: 2 hr and others
Mains supply	: 230 Volts, 50/60Hz
Power consumption	: 3VA
Battery	: Maintenance-free sealed lead calcium battery
Charge monitor	: Green LED Ø5mm
Test facility	: Push-off test switch
Safety feature	: Low volt cut-off preventing battery overdischarge
Fitting construction	: Electro galvanised steel with epoxy powder coating
Mounting	: Recess
Cable entry	: Ø20mm K/O hole
Weight	: 1.7kg (gross)
Compliance	: CP19, SS263 : Part 2, IEC 60598-2-22
Warranty	: 1 year

ORDERING GUIDE

(Please check with Sales Dept if customisation is required)

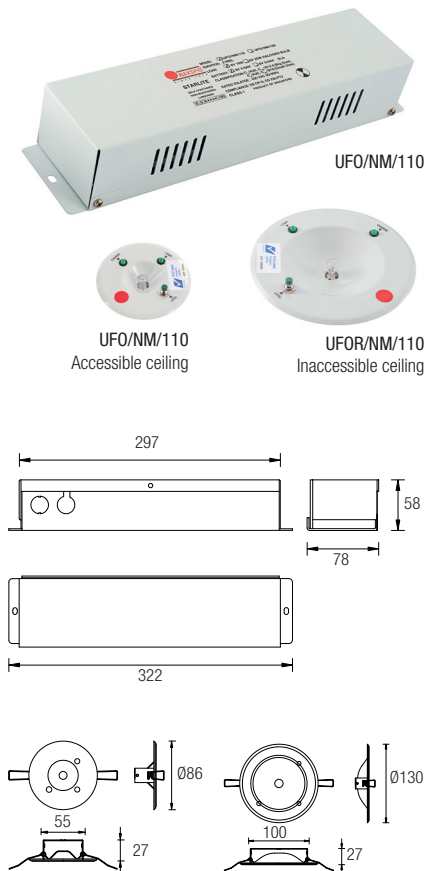
Model	Lamp	Battery type
UFO/NM/110	1 x 10W Halogen	Sealed lead calcium
UFO/NM/120	1 x 20W Halogen	Sealed lead calcium

Note:

UFO/NM/120 is applicable for 6V 20W halogen lamp (remote box 440 X 82 X 60).

SLA battery is highly recommended in non-maintained mode for low replacement cost.

All above specifications are available in UFOR version.



Dimension: mm NTS



Type and batch tested with
PSB PLS-LISTED LABEL



Ø56 / Ø100 mm

Recess Mount
Miniature Emergency Luminaire



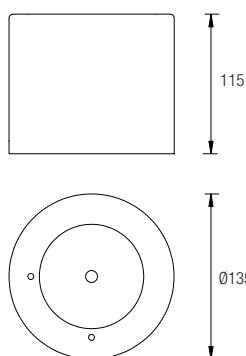
IP30
CLASS 1

CAPSULE


LED Non-maintained surface mount emergency light



UFOS/NM/L101 NC



Dimension: mm NTS
High Power L.E.D
from LUMILEDS

 Type and batch tested with
PSB PLS-LISTED LABEL

Surface Mount
Emergency Luminaire



TECHNICAL DATA

Mode of operation	: Non-Maintained
Lamp	: 1W High Power LED
Rated duration	: 2 hr and others
Mains supply	: 230 Volts, 50/60Hz
Power consumption	: 2VA
Battery	: High temp nickel cadmium or Nickel-metal hydride
Charge monitor	: Green LED Ø5mm
Test facility	: Micro switch
Safety feature	: Low volt cut-off preventing battery overdischarge
Fitting construction	: Electro galvanised steel with epoxy powder coating
Mounting	: Ceiling
Cable entry	: Ø20mm K/O hole
Weight	: 1.2kg (gross)
Compliance	: SS563 : Part 1 & 2, SS 263 : Part 2
Warranty	: 1 year

ORDERING GUIDE

(Please check with Sales Dept if customisation is required)

Model	Lamp	Battery type
UFOS/NM/L101 NC	1W LED	Nickel cadmium or Nickel metal hydride

KEY FEATURES

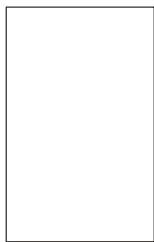
- > high brightness output
- > high lumen/watt efficiency
- > low power consumption
- > low maintenance
- > long lifespan

CAPSULE

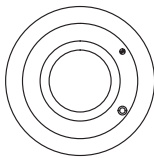
LED Non-maintained surface mount high lumen output emergency light



UFOS/NM/L303 NC



214



Ø135

Dimension: mm NTS
High Power L.E.D
from LUMILEDS



Type and batch tested with
PSB PLS-LISTED LABEL

Surface Mount
Emergency Luminaire



IP30
CLASS 1

TECHNICAL DATA

Mode of operation	: Non-Maintained
Lamp	: 10W High Power LED Module
Rated duration	: 2 hr and others
Mains supply	: 230 Volts, 50/60Hz
Power consumption	: 5VA
Battery	: High temp nickel cadmium
Charge monitor	: Green LED Ø5mm
Test facility	: Micro switch
Safety feature	: Low volt cut-off preventing battery overdischarge
Fitting construction	: Electro galvanised steel with epoxy powder coating
Mounting	: Ceiling
Cable entry	: Ø20mm K/O hole
Weight	: 2.5kg (gross)
Compliance	: SS563 : Part 1 & 2, SS 263 : Part 2
Warranty	: 1 year

ORDERING GUIDE

(Please check with Sales Dept if customisation is required)

Model	Lamp	Battery type
UFOS/NM/L303 NC	10W LED Module	Nickel cadmium

KEY FEATURES

- > high brightness output
- > high lumen/watt efficiency
- > low power consumption
- > low maintenance
- > long lifespan

TWIN LAMP

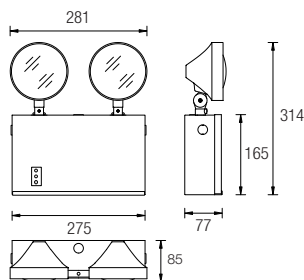
LED Non-maintained emergency twin light



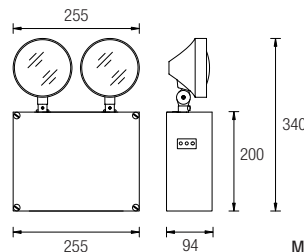
MTL/NM/L203



MTL/NM/L203 WP



MTL/NM/L203



MTL/NM/L203 WP

Dimension: mm NTS

High Power L.E.D
from LUMILEDS



Type and batch tested with
PSB PLS-LISTED LABEL

Surface Mount
Wide Angle
Emergency Luminaire



IP30
Can be
upgraded
to IP54
CLASS 1

TECHNICAL DATA

Mode of operation	: Non-Maintained
Lamp	: 2 x 3W High Power LED
Rated duration	: 2 hr and others
Mains supply	: 230 Volts, 50/60Hz
Power consumption	: 2VA
Battery	: Maintenance-free sealed lead calcium battery (High temp nickel cadmium available)
Charge monitor	: Green LED Ø5mm
Test facility	: Micro switch
Safety feature	: Low volt cut-off preventing battery overdischarge
Fitting construction	: Electro galvanised steel with epoxy powder coating The adjustable fire-retardant lamp-heads allow flexibility in angle of projection. Lamp heads comes with anti-glare lens
Mounting	: Wall
Cable entry	: Ø20mm K/O hole
Weight	: 2.7kg (gross)
Compliance	: SS563 : Part 1 & 2, SS 263 : Part 2
Warranty	: 1 year

ORDERING GUIDE

(Please check with Sales Dept if customisation is required)

Model	Lamp	Battery type
MTL/NM/L203	2 x 3W LED	Sealed lead calcium
MTL/NM/L203 NC	2 x 3W LED	Nickel cadmium

Note:

Can be upgraded to IP54  for all weather condition.

MTL/NM/L203 WP and MTL/NM/L203 NC WP  for all weather condition.

KEY FEATURES

- > high brightness output
- > high lumen/watt efficiency
- > low power consumption
- > low maintenance
- > long lifespan

TWIN LAMP

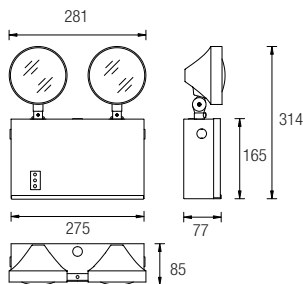
Non-maintained emergency twin light



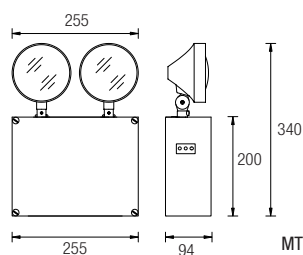
MTL/NM/210-TH



MTL/NM/210-TH WP



MTL/NM/210-TH



MTL/NM/210-TH WP

Dimension: mm NTS

TECHNICAL DATA

Mode of operation	: Non-Maintained
Lamp	: 2 x 6V 10W Halogen lamp
Rated duration	: 2 hr and others
Mains supply	: 230 Volts, 50/60Hz
Power consumption	: 4VA
Battery	: Maintenance-free sealed lead calcium battery
Charge monitor	: Green LED Ø5mm
Test facility	: Micro switch
Safety feature	: Low volt cut-off preventing battery overdischarge
Fitting construction	: Electro galvanised steel with epoxy powder coating
The adjustable fire-retardant lamp-heads allow flexibility in angle of projection. Lamp heads comes with anti-glare lens	
Mounting	: Wall
Cable entry	: Ø20mm K/O hole
Weight	: 3.5kg (gross)
Compliance	: CP19, SS263 : Part 2, IEC 60598-2-22
Warranty	: 1 year

ORDERING GUIDE

(Please check with Sales Dept if customisation is required)

Model	Lamp	Battery type
MTL/NM/210-TH	2 x 10W Halogen	Sealed lead calcium
MTL/NM/220-TH	2 x 20W Halogen	Sealed lead calcium
MTL/NM/210-TH WP	2 x 10W Halogen	Sealed lead calcium

Note:

Can be upgraded to IP54  for all weather condition.

MTL/NM/210-TH WP  for all weather condition.



Type and batch tested with
PSB PLS-LISTED LABEL

Surface Mount
Wide Angle
Emergency Luminaire

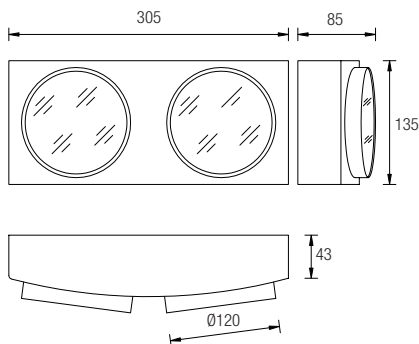


IP30
Can be
upgraded
to IP54
CLASS 1

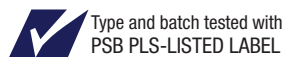
Specifications subject to changes without prior notice

MINNIE

LED Economical non-maintained emergency twin light



Dimension: mm NTS
High Power L.E.D
from LUMILEDS



Surface Mount
Energy Efficient
Emergency Luminaire



TECHNICAL DATA

Mode of operation	: Non-Maintained
Lamp	: 2 x 1W High Power LED
Rated duration	: 2 hr and others
Mains supply	: 230 Volts, 50/60Hz
Power consumption	: 2VA
Battery	: High temp nickel cadmium
Charge monitor	: Green LED Ø5mm
Test facility	: Miniature test switch
Safety feature	: Low volt cut-off preventing battery overdischarge
Housing	: Injection moulded thermoplastic ABS; UL 94V-0 flame rating, two fully adjustable glare-free round shaped heads
Mounting	: Wall or ceiling. The snap-fit design will facilitate easy installations. Easily removable mounting and knockout holes are provided
Cable entry	: Ø20mm K/O hole
Weight	: 1.4kg (gross)
Compliance	: SS563 : Part 1 & 2, SS 263 : Part 2
Warranty	: 1 year

ORDERING GUIDE

(Please check with Sales Dept if customisation is required)

Model	Lamp	Battery type
MR203L NC	2 x 1W LED	Nickel cadmium

KEY FEATURES

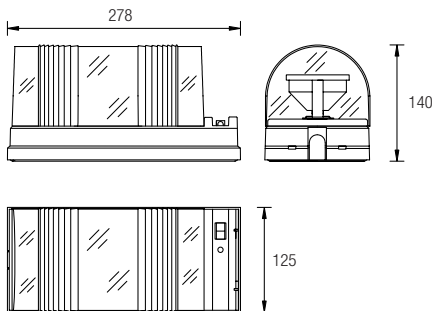
- > high brightness output
- > high lumen/watt efficiency
- > low power consumption
- > low maintenance
- > long lifespan

PROVIDER

LED Aesthetical non-maintained emergency twin light



PP203L NC



Dimension: mm NTS
High Power L.E.D
from LUMILEDS



Type and batch tested with
PSB PLS-LISTED LABEL

Surface Mount
Flexible Application
Emergency Luminaire



IP30
CLASS 2

TECHNICAL DATA

Mode of operation	: Non-maintained
Lamp	: 2 x 1W High Power LED
Rated duration	: 2 hr and others
Mains supply	: 230 Volts, 50/60Hz
Power consumption	: 2VA
Battery	: High temp nickel cadmium
Charge monitor	: Green LED Ø5mm
Test facility	: Rocker switch
Safety feature	: Low volt cut-off preventing battery overdischarge
Housing	: High impact thermoplastic enclosure in a matt white finish. Transparent half cylinder Polycarbonate lamp shield with fresnel pattern and fully adjustable self-locking lamp heads
Mounting	: Wall or ceiling. The snap-fit design will facilitate and fast installations. Easily removable mounting and knockout holes are provided (fitting can be positioned vertically or horizontally)
Cable entry	: Ø20mm K/O hole
Weight	: 1.3kg (gross)
Compliance	: SS563 : Part 1 & 2, SS 263 : Part 2
Warranty	: 1 year

ORDERING GUIDE

(Please check with Sales Dept if customisation is required)

Model	Lamp	Battery type
PP203L NC	2 x 1W LED	Nickel cadmium

KEY FEATURES

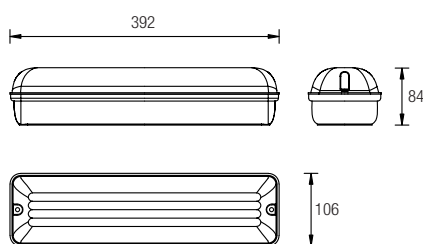
- > high brightness output
- > high lumen/watt efficiency
- > low power consumption
- > low maintenance
- > long lifespan

CLASSIC

SMT LED Non-maintained emergency light
Indoor, outdoor, corrosion resistant weatherproof emergency light



JW/NM/W5100



Dimension: mm NTS
High Tech L.E.D
from **NICHIA** (made in Japan)

Type and batch tested with
PSB PLS-LISTED LABEL



Surface Mount
Compact Emergency Luminaire



TECHNICAL DATA

Mode of operation	: Non-Maintained
Lamp	: Maxspid 1W T2 SMT LED Lamp
Rated duration	: 2 hr and others
Mains supply	: 230 Volts, 50/60Hz
Power consumption	: 2VA
Battery	: Nickel-metal hydride
Charge monitor	: Green LED Ø5mm
Test facility	: Push-off test switch
Safety feature	: Low volt cut-off preventing battery overdischarge
Housing & Cover	: Injection moulded fire retardant high impact polycarbonate diffuser and base. Clear reeded diffuser is designed for non-glare and greater light distribution
Mounting	: Wall or ceiling
Cable entry	: Ø20mm K/O hole
Weight	: 1.0kg (gross)
Compliance	: SS563 : Part 1 & 2, SS 263 : Part 2
Warranty	: 1 year

ORDERING GUIDE

(Please check with Sales Dept if customisation is required)

Model	Lamp	Battery type
JW/NM/W5100	1W T2 LED SMT	Nickel-metal hydride

Note:
Optional silkscreen printed legend on cover to convert into an emergency exit light.

KEY FEATURES

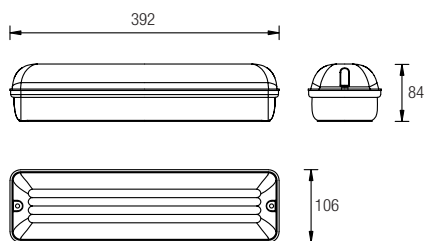
- > using surface mount technology LED
- > high durability & reliability
- > low heat
- > low maintenance
- > low power consumption
- > no "black ends"
- > snap-on T2 SMT LED lamp for easy replacement

CLASSIC

1 x 8W non-maintained emergency light



JW/NM/108



Dimension: mm NTS

Type and batch tested with
PSB PLS-LISTED LABEL



Surface Mount
Compact Emergency Luminaire



IP30
Can be
upgraded
to IP65
CLASS 1

TECHNICAL DATA

Mode of operation	: Non-maintained and others
Lamp	: 1 x 8W fluorescent lamp
Rated duration	: 3 hr (1 x 8W) or 2 hr (2 x 8W)
Mains supply	: 230 Volts, 50/60Hz
Power consumption	: 3VA
Battery	: High temp nickel cadmium
Charge monitor	: Green LED Ø5mm
Test facility	: Push-off test switch
Safety feature	: Low volt cut-off preventing battery overdischarge
Housing & Cover	: Injection moulded fire retardant high impact polycarbonate diffuser and base. Clear reeded diffuser is designed for non-glare and greater light distribution
Mounting	: Wall or ceiling
Cable entry	: Ø20mm K/O hole
Weight	: 1.2kg (gross)
Compliance	: CP19, SS263 : Part 2, IEC 60598-2-22
Warranty	: 1 year

ORDERING GUIDE

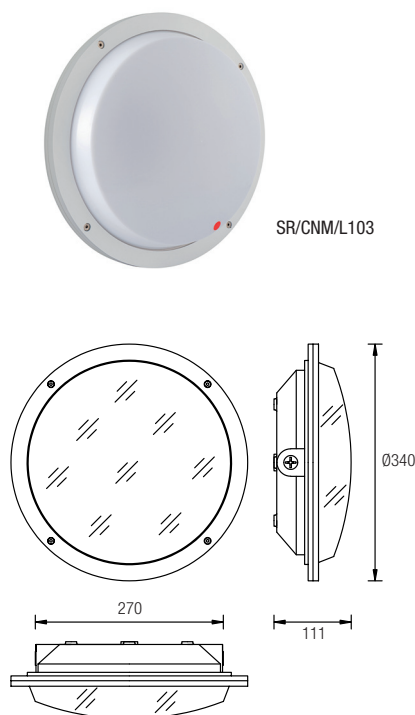
(Please check with Sales Dept if customisation is required)

Model	Lamp	Duration (hr)
JW/NM/108	1 x 8W Fluorescent	3
JW/NM/208	2 x 8W Fluorescent	2

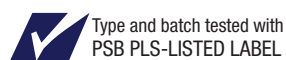
Note:
Optional silkscreen printed legend on cover to convert into an emergency exit light.

STAIRWAY

Functional and decorative emergency light



Dimension: mm NTS
High Power L.E.D
from LUMILEDS



Surface Mount
Emergency Luminaire



TECHNICAL DATA

Mode of operation	: Combined non-maintained
Lamp	: 2 x PLC 18W energy-saving lamp (normal mode of operation) : 1 x 3W High Power LED (emergency mode)
Rated duration	: 2 hr and others
Mains supply	: 230 Volts, 50/60Hz
Power consumption	: 40VA
Battery	: High temp nickel cadmium
Charge monitor	: Green LED Ø5mm
Test facility	: Push-off test switch
Safety feature	: Low volt cut-off preventing battery overdischarge
Fitting construction	: Die cast aluminium housing and finished with epoxy polyester paint, weatherproof and durable silicon sealed rubber gasket
Diffuser	: UV stabilized polycarbonate diffuser
Colour	: White
Mounting	: Wall or ceiling
Cable entry	: Ø20mm K/O hole
Weight	: 3.4kg (gross)
Compliance	: SS563 : Part 1 & 2, SS 263 : Part 2
Warranty	: 1 year

ORDERING GUIDE

(Please check with Sales Dept if customisation is required)

Model	Lamp
SR/CNM/L103	2 x PLC 18W
SR/CM/218	2 x PLC 18W
SR/218 PLC	2 x PLC 18W

Note:
Emergency fixtures are not included for SR/218 PLC.

KEY FEATURES

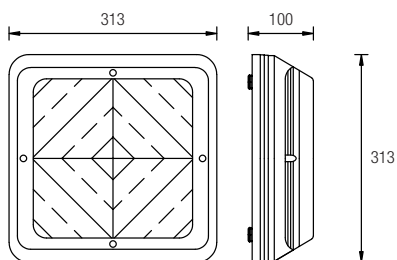
- > high brightness output
- > high lumen/watt efficiency
- > low power consumption
- > low maintenance
- > long lifespan

STAIRWAY

Functional and decorative emergency light



SW/CNM/L103



Dimension: mm NTS
High Power L.E.D
from LUMILEDS

TECHNICAL DATA

Mode of operation	: Combined non-maintained
Lamp	: 2 x PLC 18W energy-saving lamp (normal mode of operation) : 1 x 3W High Power LED (emergency mode)
Rated duration	: 2 hr and others
Mains supply	: 230 Volts, 50/60Hz
Power consumption	: 40VA
Battery	: High temp nickel cadmium
Charge monitor	: Green LED Ø5mm
Test facility	: Push-off test switch
Safety feature	: Low volt cut-off preventing battery overdischarge
Housing & Cover	: Injection moulded fire retardant high impact polycarbonate base and clear prismatic diffuser
Mounting	: Wall or ceiling
Cable entry	: Ø20mm K/O hole
Weight	: 2.7kg (gross)
Compliance	: SS563 : Part 1 & 2, SS 263 : Part 2
Warranty	: 1 year

ORDERING GUIDE

(Please check with Sales Dept if customisation is required)

Model	Lamp
SW/CNM/L103	2 x PLC18W
SW/CM/218	2 x PLC18W
SW/218 PLC	2 x PLC18W

Note:
Emergency fixtures are not included for SW/218 PLC.

KEY FEATURES

- > high brightness output
- > high lumen/watt efficiency
- > low power consumption
- > low maintenance
- > long lifespan

Type and batch tested with
PSB PLS-LISTED LABEL



Surface Mount
Emergency Luminaire



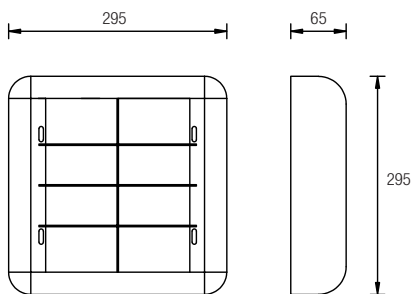
IP54
CLASS 1

STAIRWAY

Functional and decorative emergency light



SC/CNM/L103



Dimension: mm NTS
High Power L.E.D
from LUMILEDS



Type and batch tested with
PSB PLS-LISTED LABEL

Surface Mount
Emergency Luminaire



IP20
CLASS 1

TECHNICAL DATA

Mode of operation	: Combined non-maintained
Lamp	: 2 x PLC 18W energy-saving lamp (normal mode of operation) : 1 x 3W High Power LED (emergency mode)
Rated duration	: 2 hr and others
Mains supply	: 230 Volts, 50/60Hz
Power consumption	: 40VA
Battery	: High temp nickel cadmium
Charge monitor	: Green LED Ø5mm
Test facility	: Push-off test switch
Safety feature	: Low volt cut-off preventing battery overdischarge
Fitting construction	: Electro galvanised steel with epoxy powder coating
Diffuser	: Mirror louvre
Mounting	: Wall or ceiling
Cable entry	: Ø20mm K/O hole
Weight	: 2.7kg (gross)
Compliance	: SS563 : Part 1 & 2, SS 263 : Part 2
Warranty	: 1 year

ORDERING GUIDE

(Please check with Sales Dept if customisation is required)

Model	Lamp
SC/CNM/L103	2 x PLC18W
SC/CM/218	2 x PLC18W
SC/218 PLC	2 x PLC18W

Note:
Emergency fixtures are not included for SC/218 PLC.

KEY FEATURES

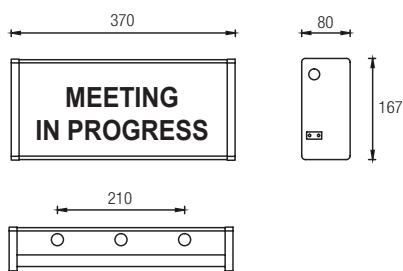
- > high brightness output
- > high lumen/watt efficiency
- > low power consumption
- > low maintenance
- > long lifespan

BOXER

Box type single sided slave unit



MLS/W5100



Dimension: mm NTS

High Tech L.E.D
from **NICHIA** (made in Japan)

Surface Mount
Box Sign



TECHNICAL DATA

Mode of operation	: Slave
Lamp	: Maxspid 1W T2 SMT LED Lamp
Mains supply	: 230 Volts, 50/60Hz
Fitting construction	: Electro galvanised steel with epoxy powder coating
Diffuser	: Fire retardant moulded acrylic
Legend	: MEETING IN PROGRESS (Red legend and white background) other legend optional
Mounting	: Wall or ceiling
Cable entry	: Ø20mm K/O hole
Weight	: 2.0kg (gross)

ORDERING GUIDE

(Please check with Sales Dept if customisation is required)

Model	Lamp
MLS/W5100	1W T2 SMT LED

OTHER LEGENDS

LECTURE IN PROGRESS	FIRING IN PROGRESS	LASER IN USE
IN PROGRESS	IN USE	IN OPERATION
X-RAY IN PROGRESS	ON AIR DO NOT ENTER	DO NOT DISTURB
TOILET	♂ GENTS	♀ LADIES

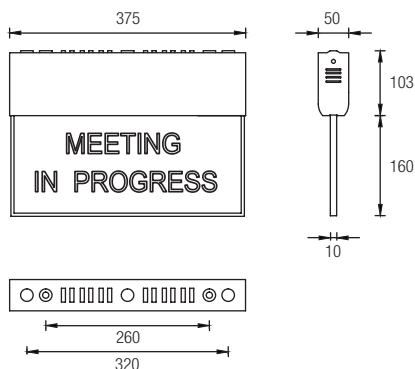
** 2x8W Fluorescent type available upon request

LEDER

Surface mount single sided slave unit



ES/W5100



Dimension: mm NTS

High Tech L.E.D

from **NICHIA** (made in Japan)

Surface Mount
Slim Sign



IP30
CLASS 1

TECHNICAL DATA

Mode of operation	: Slave
Lamp	: Maxspid 1W T2 SMT LED Lamp
Mains supply	: 230 Volts, 50/60Hz
Fitting construction	: Electro galvanised steel with epoxy powder coating
Diffuser	: Fire retardant moulded acrylic
Legend	: MEETING IN PROGRESS (Engraving on letter border only) other legend optional
Mounting	: Wall or ceiling
Cable entry	: Ø20mm K/O hole
Weight	: 2.5kg (gross)

ORDERING GUIDE

(Please check with Sales Dept if customisation is required)

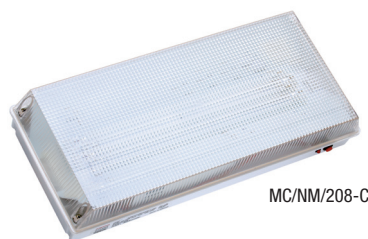
Model	Lamp
ES/W5100	1W T2 SMT LED

OTHER LEGENDS

LASER IN OPERATION	DARK ROOM IN USE	BRIEFING IN PROGRESS
PLANNING IN PROGRESS	TRAINING IN PROGRESS	AUDITORIUM IN USE

ELEGANCE

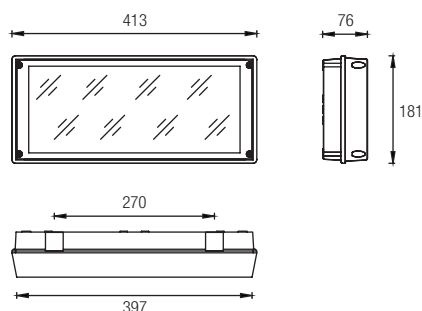
Indoor, outdoor, corrosion resistant weatherproof emergency light



MC/NM/208-C



MC/NM/208-O



Dimension: mm NTS



Surface Mount
Semi-recessed
Weatherproof
Emergency Luminaire



TECHNICAL DATA

Mode of operation	: Non-maintained and others
Lamp	: 2 x 8W fluorescent lamp
Rated duration	: 2 hr and others
Mains supply	: 230 Volts, 50/60Hz
Power consumption	: 3VA
Battery	: High temp nickel cadmium
Charge monitor	: Green LED Ø5mm
Test facility	: Push-off test switch
Safety feature	: Low volt cut-off preventing battery overdischarge
Housing & Cover	: Injection moulded fire retardant high impact polycarbonate diffuser and base
Mounting	: Wall, ceiling or semi-recessed
Cable entry	: Ø20mm K/O hole
Weight	: 2.0kg (gross)
Compliance	: CP19, SS263 : Part 2, IEC 605982-22
Warranty	: 1 year

ORDERING GUIDE

(Please check with Sales Dept if customisation is required)

Model	Lamp
MC/NM/108	1 x 8W Fluorescent
MC/NM/208	2 x 8W Fluorescent
MC/NM/110	1 x 10W Fluorescent
MC/NM/PL18	1 x PLL18W Fluorescent
MC/NM/PL24	1 x PLL24W Fluorescent

Note:

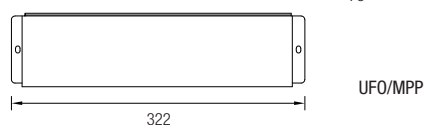
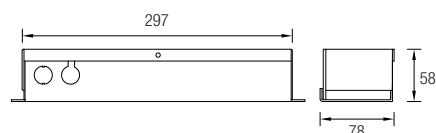
All above specifications are available in other mode of operations.

POWER PACK

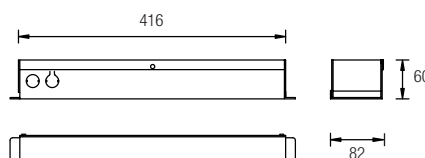
Emergency power pack for 2-pin PL/PLC and 2D lamp fitting



MPP/MPL7-PLC26



UFO/MPP



EXN/MPP

Dimension: mm NTS



2 Pin PL/PLC Lamp



2 Pin 2D Lamp



TECHNICAL DATA

Mode of operation	: Maintained / combined maintained
Lamp	: 2-pin PL/PLC and 2D lamps
Rated duration	: 2 hr and others
Mains supply	: 230 Volts, 50/60Hz
Power consumption	: 3VA
Battery	: Maintenance-free sealed lead calcium battery (high temp nickel cadmium available)
Charge monitor	: Green LED Ø5mm
Test facility	: Push-off test switch
Safety feature	: Low volt cut-off preventing battery overdischarge
Fitting construction	: Electro galvanised steel with epoxy powder coating
Cable entry	: Ø20mm K/O hole
Weight	: 2.1kg (gross)
Warranty	: 1 year

ORDERING GUIDE

(Please check with Sales Dept if customisation is required)

Model	Lamp	Remote box size
MPP/M/PL7-PLC26	PL7 - PLC26W	EXN/MPP
MPP/M/PL7-PLC13 NC	PL7 - PLC13W	UFO/MPP
MPP/M/PLC18-26 NC	PLC18 - 26W	EXN/MPP

CONVERSION KIT

Emergency kit for 2-pin PL/PLC and 2D lamp fitting



PL/M/PL7-PLC13 NC

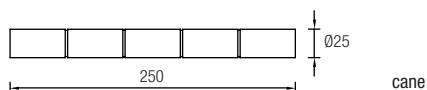
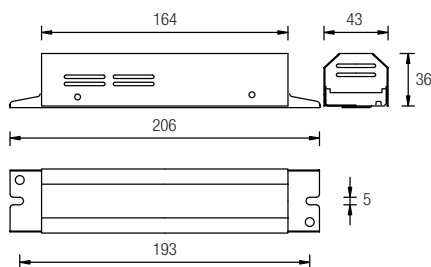


cane

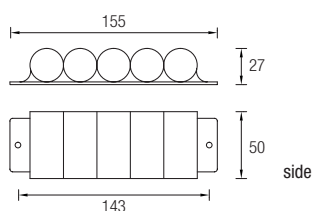
OR



side



cane



side

Dimension: mm NTS



2 Pin PL/PLC Lamp



2 Pin 2D Lamp



TECHNICAL DATA

Mode of operation	: Maintained / combined maintained
Lamp	: 2-pin PL/PLC and 2D lamps
Rated duration	: 2 hr and others
Mains supply	: 230 Volts, 50/60Hz
Power consumption	: 3VA
Battery	: High temp nickel cadmium
Charge monitor	: Green LED Ø5mm
Test facility	: Push-off test switch
Safety feature	: Low volt cut-off preventing battery overdischarge
Fitting construction	: Electro galvanised steel with epoxy powder coating
Cable entry	: Ø20mm K/O hole
Weight (module only)	: 0.4kg (gross)
Warranty	: 1 year

ORDERING GUIDE

(Please check with Sales Dept if customisation is required)

Model	Lamp
PL/M/PL7-PLC13 NC	PL7 - PLC13W
PL/M/PLC18-26 NC	PLC18 - 26W

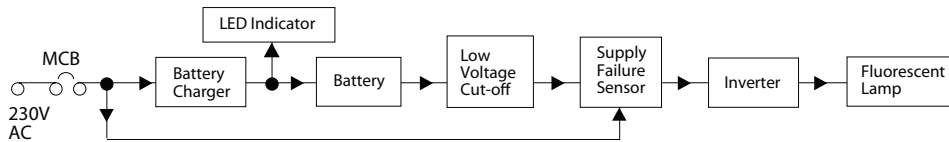
Note:

Can be incorporated into combined maintained, combined non-maintained and non-maintained mode of operation.

STANDARD MODES OF OPERATION

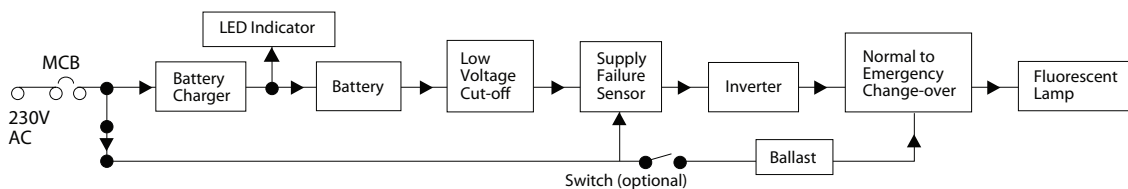
NM Non-Maintained Mode

The lamp only operates in the event of a mains failure. An unswitched supply is essential. During the failure period the lamp runs from the battery. The battery is automatically recharged on the mains reconnection.



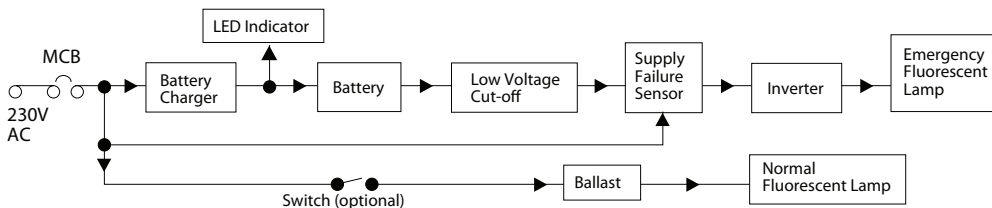
M Maintained Mode

The lamp operates at all times of occupation. A separate supply is required to drive the lamp when the main is healthy. This supply can be switched off to conserve lamp life during periods of no occupation. During failure the lamp runs from the battery.



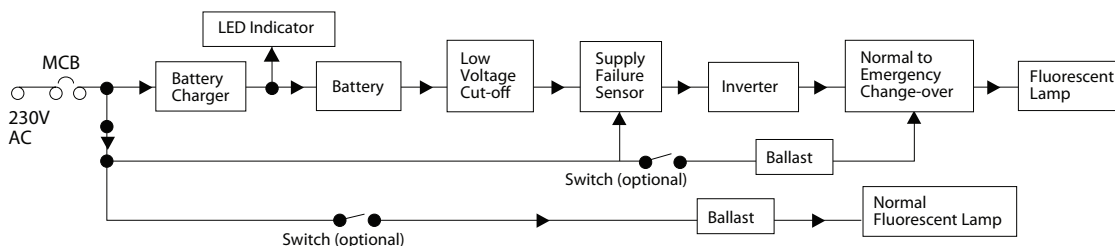
CNM Combined Non-Maintained Mode (formally called Sustained)

The luminaire has two or more lamps. One is energised from the emergency supply. The others are lit from the normal supply.












CM Combined Maintained Mode

The luminaire has two or more lamps. Both are energised from the normal supply but only one illuminates in the case of a mains failure.



Summary

Mode	 NM Non-Maintained	 M Maintained	  CNM Combined Non-Maintained	  CM Combined Maintained
Normal Supply	✗	✓	✗ ✓ ✓	✓ ✓ ✓
Power Failure	✓	✓	✓ ✗ ✗	✓ ✗ ✗
 Lamp illuminated  Lamp not illuminated  Normal Lamp on mains supply				

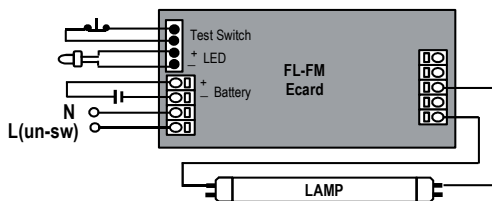
OPERATION AND WIRING INFORMATION

>> 1. Typical wiring layout for non-maintained mode :

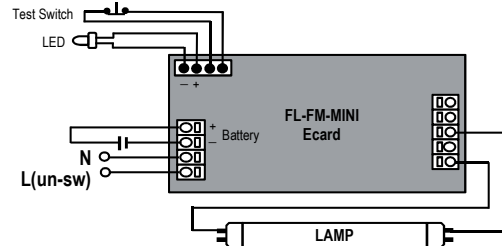
NM ●

L (un-sw) (Unswitched Supply) and N as marked.

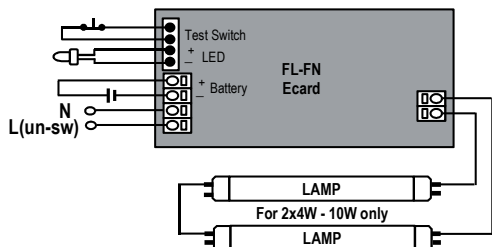
1.01a) For 1x4-pin FL Lamp



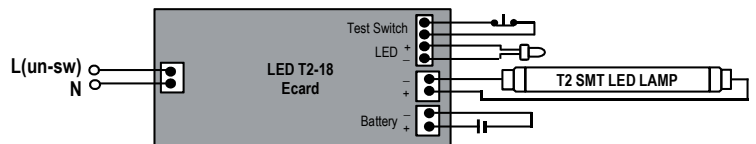
1.01b) For 1x4-pin FL Lamp



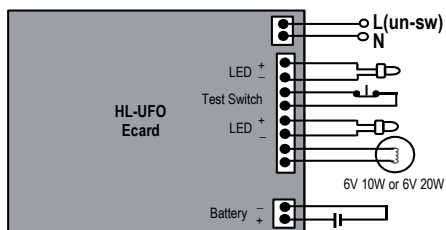
1.02) For 2x4-pin FL Lamps



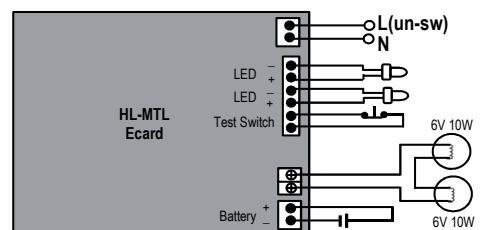
1.03) For T2 SMT LED Lamp



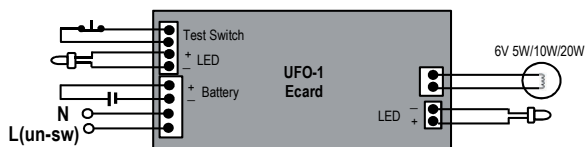
1.04) For 1x6V 10W, 1x6V 20W Halogen Lamp



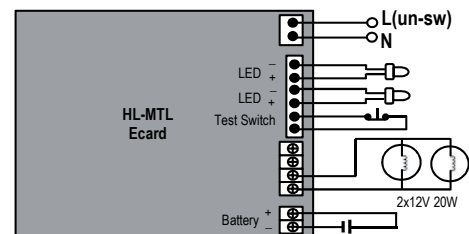
1.05) For 2x6V 10W Halogen Lamp



1.06) For 1x6V 5W, 1x6V 10W or 1x6V 20W Halogen Lamp

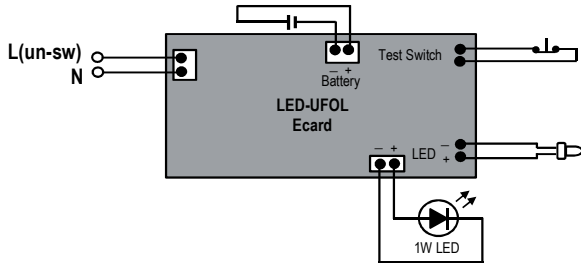


1.07) For 2x12V 20W Halogen Lamp

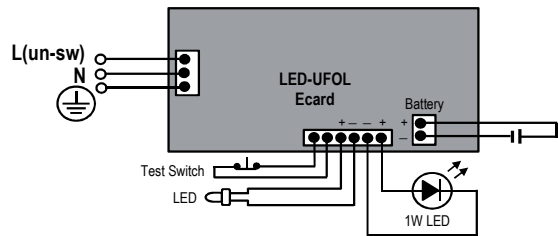


OPERATION AND WIRING INFORMATION

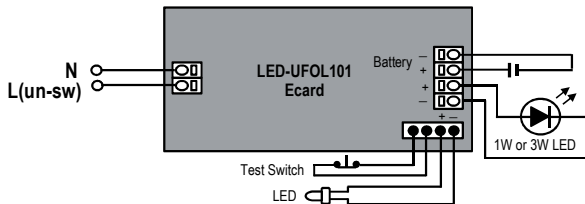
1.08a) For 1W LED Lamp



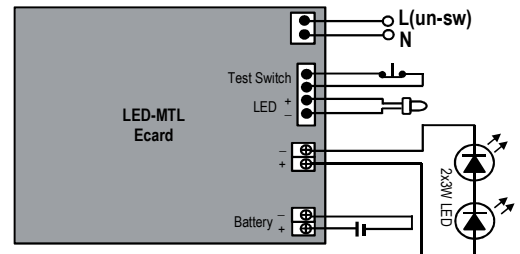
1.08b) For 1W LED Lamp



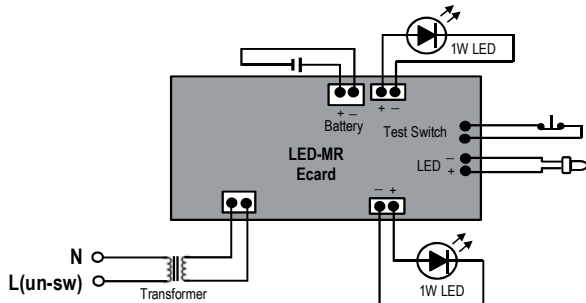
1.08c) For 1W or 3W LED Lamp



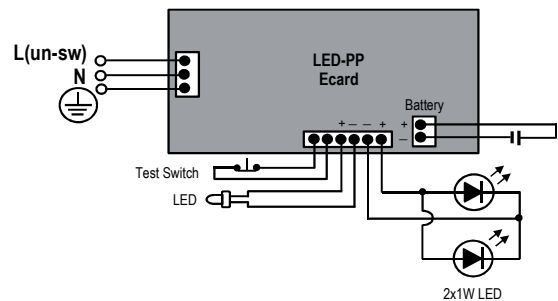
1.09) For 2x3W LED Lamp



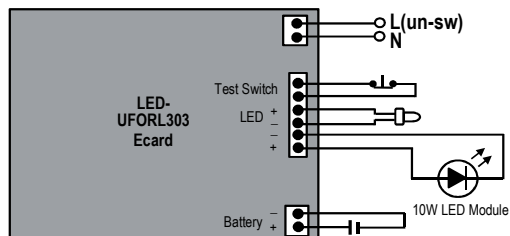
1.10a) For 2x1W LED Lamp



1.10b) For 2x1W LED Lamp



1.11) For 10W LED Module



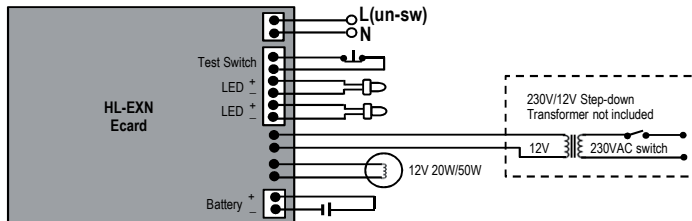
OPERATION AND WIRING INFORMATION

>> 2. Typical wiring layout for maintained mode with conventional ballast :

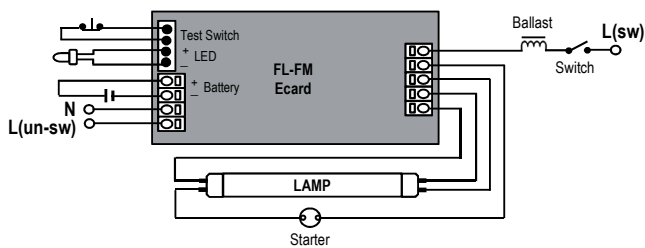


L(sw) (Switched Supply), L(un-sw) (Unswitched Supply) and N as marked, not interchangeable and must be of the same phase as ELCB.

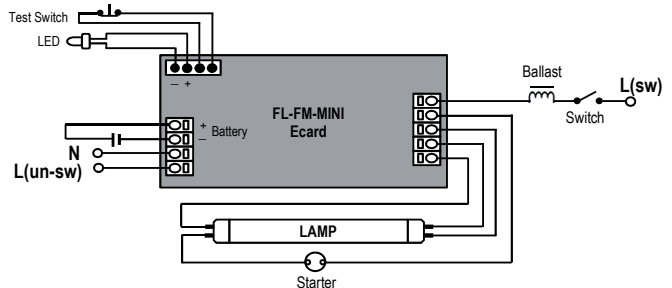
2.01) For 1x12V 20W to 50W (max) Halogen Lamp



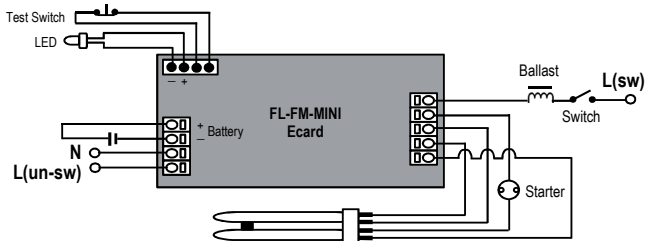
2.02a) For 1x4-pin FL Lamp



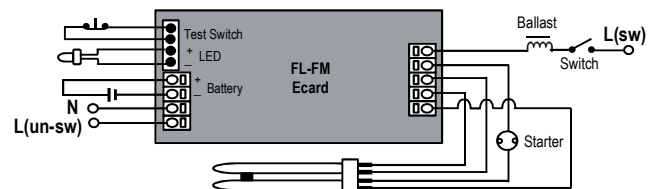
2.02b) For 1x4-pin FL Lamp



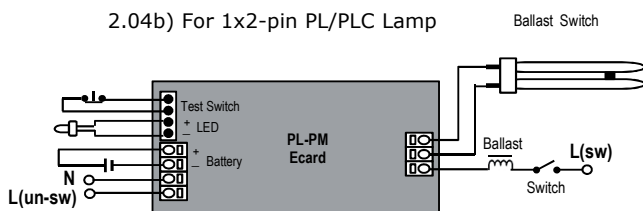
2.03a) For 1x4-pin PL/PLC Lamp



2.03b) For 1x4-pin PL/PLC Lamp

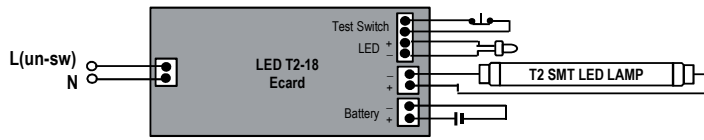


2.04b) For 1x2-pin PL/PLC Lamp

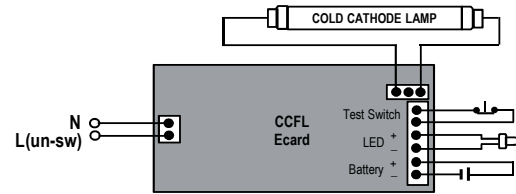


OPERATION AND WIRING INFORMATION

2.04) For T2 SMT LED Lamp



2.05) For 2W CCFL Lamp

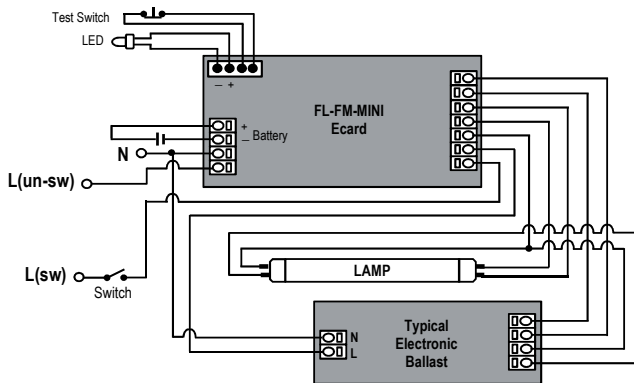


>> 3. Typical wiring layout for maintained mode with electronic ballast :

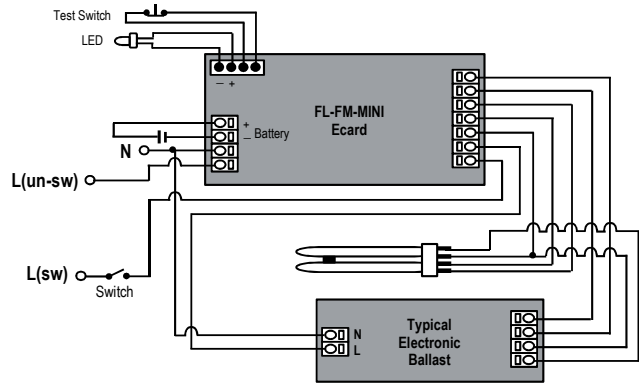


L(sw) (Switched Supply), L(un-sw) (Unswitched Supply) and N as marked, not interchangeable and must be of the same phase as ELCB.

3.01) For 1x4-pin FL Lamp with electronic ballast

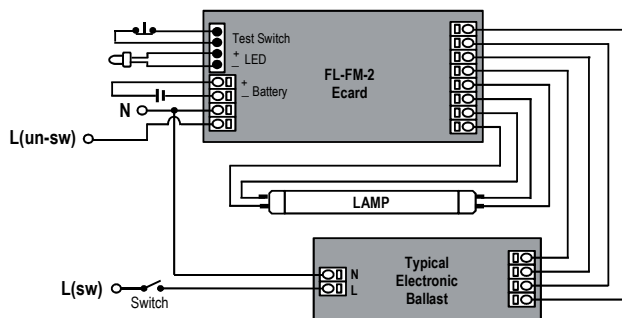


3.02) For 1x4-pin PL/PLC Lamp with electronic ballast

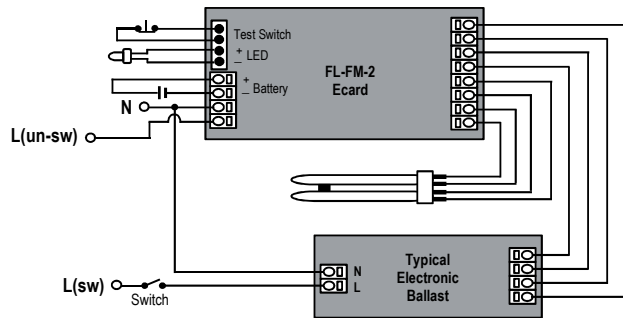


*Different wiring apply for different brand of electronic ballast

3.03) For 1x4-pin FL Lamp with electronic ballast



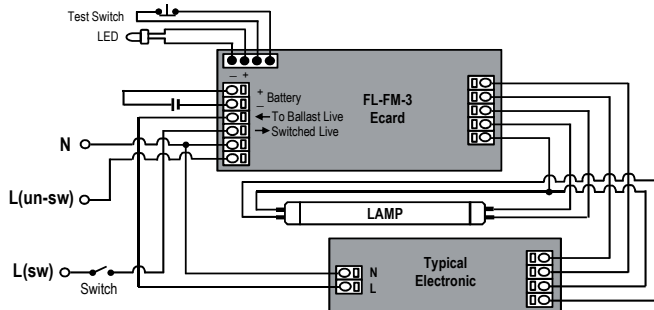
3.04) For 1x4-pin PL/PLC Lamp with electronic ballast



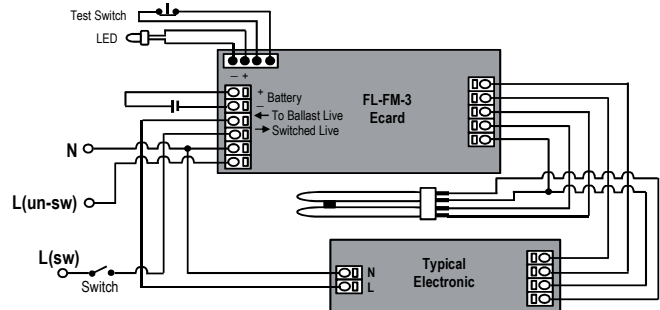
*Different wiring apply for different brand of electronic ballast

OPERATION AND WIRING INFORMATION


3.05) For 1x4-pin FL Lamp with electronic ballast




3.06) For 1x4-pin PL/PLC Lamp with electronic ballast

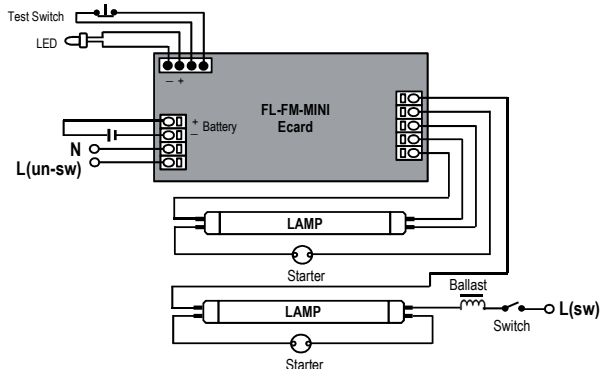


*Different wiring apply for different brand of electronic ballast

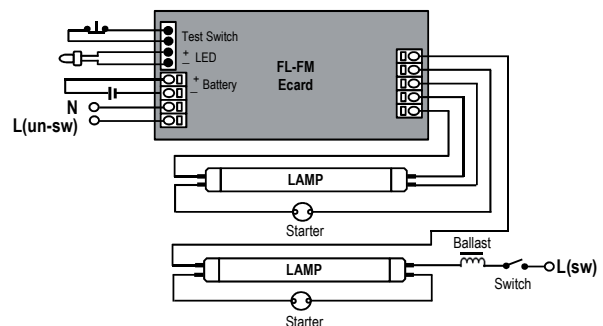
>> 4. Combined non-maintained mode :  (formally known as sustained mode)
is obtained by combining one or more non-maintained mode lamp(s) with any number of normal lamp(s) in a luminaire.

>> 5. Typical wiring layout for combined maintained mode with conventional ballast : 
L(sw) (Switched Supply), L(un-sw) (Unswitched Supply) and N as marked, not interchangeable and must be of the same phase as ELCB.

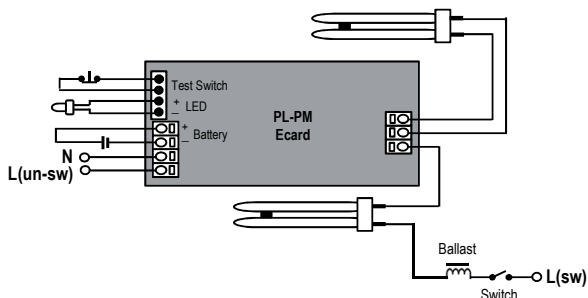
5.01) Combined Maintained for 2x4-pin FL Lamp in series



5.02) Combined Maintained for 2x4-pin FL Lamp in series



5.03) Combined Maintained for 2x2-pin PL7 to 9W Lamp in series



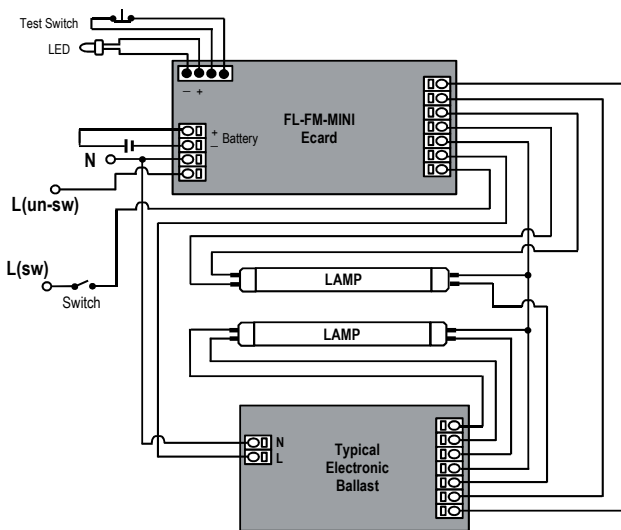
OPERATION AND WIRING INFORMATION

>> 6. Typical wiring layout for combined maintained mode with electronic ballast :

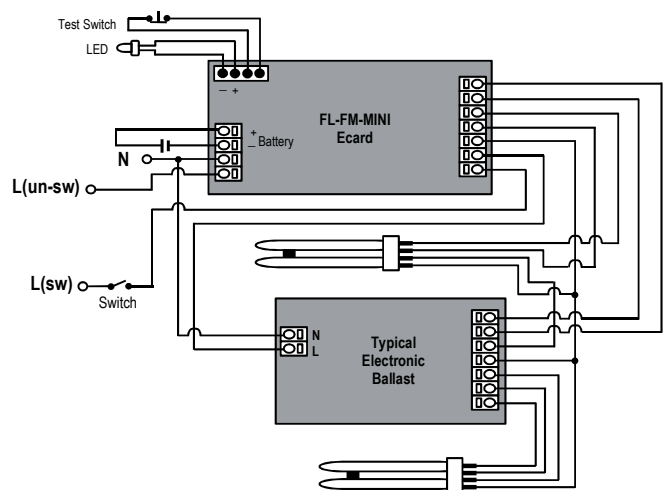


L(sw) (Switched Supply), L(un-sw) (Unswitched Supply) and N as marked, not interchangeable and must be of the same phase as ELCB.

6.01) For 2x4-pin FL Lamp with electronic ballast

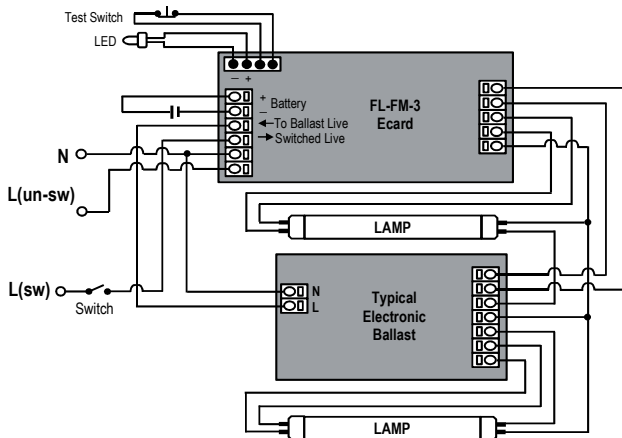


6.02) For 2x4-pin PL/PLC Lamp with electronic ballast

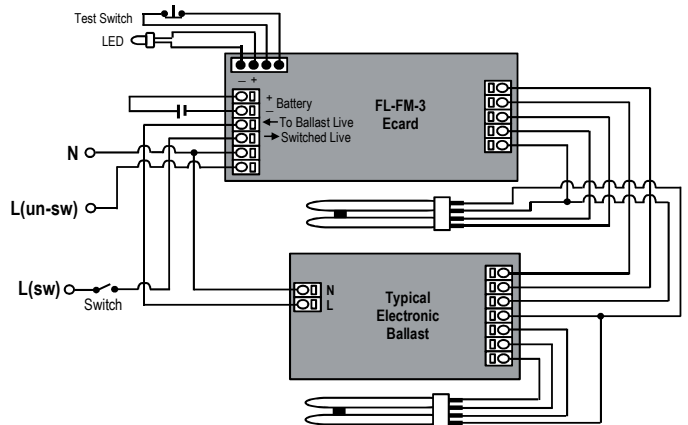


*Different wiring apply for different brand of electronic ballast

6.03) For 2x4-pin FL Lamp with electronic ballast



6.04) For 2x4-pin PL/PLC Lamp with electronic ballast



*Different wiring apply for different brand of electronic ballast