



Ldrive E

Smart Emergency LED Fixtures
with Battery Backup



Product Overview

Designed to comply with standards such as NFPA 101, BS 5266, and other emergency lighting regulations, this solution offers peace of mind to investors, operators, and users.

The emergency lighting solution integrates smart control technology, making system monitoring, testing, and maintenance more efficient.

The Lumos Controls ecosystem comprises controllers, sensors, switches, modules, drivers, gateways, and analytical dashboards. It is listed by the **Design Lights Consortium (DLC)**, qualifying it for energy conservation incentive programs and rebates by utility companies.

International Standards

Fully compliant with essential safety and technical standards, ensuring reliable emergency lighting performance.



- 30-second test every 30 days
- 90-minute full test annually
- Records stored and reported for local compliance



- 3-hour lighting requirement during power outage
- Routine inspection and maintenance

Features

Automatic Testing

System performs all routine function and full-duration tests automatically, saving time and resources.

- **Function Test:** A quick test (seconds to 1 minute) for battery, device, and lamp status.
- **Duration Test:** Longer test (1–3 hours annually) to ensure battery sustains lighting for rated time.

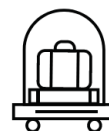
Diagnostics & Monitoring:

Stay updated with data on battery condition, lamp status, and system performance via a user-friendly dashboard.

Accurate Reporting:

Receive detailed reports after every test. Easy export to PDF or spreadsheets for auditing and record keeping.

Application areas



HOTELS
RESORTS



SHOPPING MALLS
OFFICE BUILDINGS
HOSPITALS
SCHOOLS



FACTORIES
INDUSTRIAL ZONES

MODEL: SLES-E3

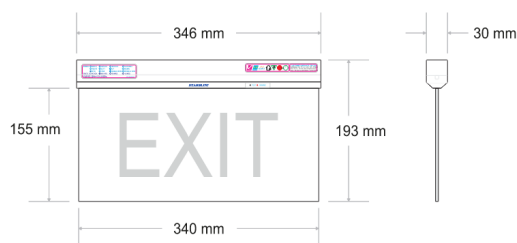
EXIT SIGN



SIGN BOARD



DIMENSIONS



PRODUCT RANGE (Wall)

| ORDER CODE | PRODUCT NUMBER SKU |
|-----------------------------------|--------------------|
| SLES-E3 Wall / Door Exit light | E3W |
| SLES-E3 Pendant Exit light | E3P |
| SLES-E3 Ceiling Exit light | E3C |

PRODUCT RANGE (Recessed)

| ORDER CODE | PRODUCT NUMBER SKU |
|---------------------------------|--------------------|
| SLES-E3 Recessed Exit light | E3R |
| SLES-E3 Side Exit light | E3S |
| SLES-E3 Low range Exit light | E3L |

LED LIFETIME

use with Ni-Cd battery lifespan 50,000 burning hours

use with Li-Ion battery lifespan 60,000 burning hours

NOTE: Average power consumption calculated with the assumption of four emergency events per year and that the battery charger is in standby at all other times(above typical usage).

FEATURES

GENERAL FEATURES

- Fully compliant (TCVN)
- Single or double sided films
- Available in low illumination area black model
- Replaceable easy fit, quick release films

BUILT TO LAST

- LED light source
- Long life electronics
- 5 years design life at max. ambient
- High quality battery (Ni-Cd) and smart charger

SUITABLE INSTALLATION TYPES (OUT OF THE BOX)

- Standalone (SPU)

ACCESSORY RANGE

| ORDER CODE | DESCRIPTION |
|------------|--------------------------------------|
| Recessed | Recessed holder |
| Plate | Fire retardant cast PC acrylic sheet |
| Film | Printed film for 1 face |
| Battery | Ni-Cd 3.6V 1800mAh |
| Conner | Conner hanger |
| Pendant | Wire hanger long max.1m |
| Lunos | Test by bluetooth Wisilica control |
| Remote | Test by infrared remote control |

OPERATIONAL INFORMATION

GENERAL

| | |
|---------------|----------------------------------|
| Voltage | 220V (+/-10%) 50-60Hz |
| Ambient temp. | -10 to + 70°C |
| Class | 2 |
| IP rating | IP 30 |
| Wiring | Terminal block |
| Mounting type | Wall, Ceiling, Recessed, Pendant |
| Lamp power | 3 W |

EMERGENCY

| | |
|----------------------|---------|
| Emergency lamp power | 3 W |
| Rated duration | 180 min |
| Classification | |

BATTERY

| Type | Ni-Cd | Type | Smart charge |
|---------|------------------|-----------|--------------|
| Voltage | 3.6 V | Time | 16 /24 Hours |
| Codes | Ni-Cd 3.6V 1.8Ah | Operation | Variable |

CONSTRUCTION

| | | | |
|------------------|--------------------|------------|---------------------------------------|
| Viewing distance | 24M | Plate size | 340 x 155 mm |
| Cut-out | 40 x 375 mm | Diffuser | Fire retardant Cast PC, Acrylic sheet |
| Body | PC (UV Stabilised) | Gear tray | PC |

COMPLIANCE

| | |
|-----------|--------------------------|
| Standards | IEC 60598.2.22 MS 983 |
|-----------|--------------------------|

TOTAL POWER CONSUMPTION (TPC)

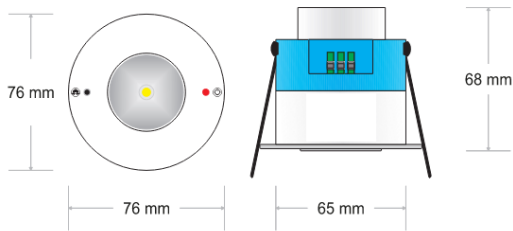
| MAINTAINED MODE | |
|-----------------|-------|
| MAX. | AVG. |
| 3.5 W | 3.0 W |

NOTE: For more information on the chemical resistance of our polycarbonate or our compliance documentation, please see our spec.

MODEL: SLE-R



DIMENSIONS



PRODUCT RANGE

| ORDER CODE | PRODUCT NUMBER SKU |
|------------|--------------------|
| SLE-R | EMR3W |

TOTAL POWER CONSUMPTION (TPC)

| NON-MAINTAINED MODE | |
|---------------------|-------|
| MAX. | AVG. |
| 3.5 W | 3.0 W |

NOTE: Average power consumption calculated with the assumption of four emergency events per year and that the battery charger is in standby at all other times(above typical usage).

LED LIFETIME

use with Ni-Cd battery lifespan 50,000 burning hours

use with Li-Ion battery lifespan 60,000 burning hours

NOTE: For more information on the chemical resistance of our polycarbonate or our compliance documentation, please see our spec.

FEATURES

GENERAL FEATURES

Fully compliant (TCVN)
All in one compactest lamp
Reflector matrix 3D design

BUILT TO LAST

- LED light source
- Long life electronics
- 5 years design life at max. ambient
- High quality battery (Ni-Cd) and smart charger

SUITABLE INSTALLATION TYPES (OUT OF THE BOX)

- Standalone (SPU)

ACCESSORY RANGE

| ORDER CODE | DESCRIPTION |
|------------|------------------------------------|
| Battery | Ni-Cd 3.6V 1800mAh |
| Lunos | Test by bluetooth Wisilica control |
| Remote | Test by infrared remote control |

OPERATIONAL INFORMATION

GENERAL

| | |
|---------------|-----------------------|
| Voltage | 220V (+/-10%) 50-60Hz |
| Ambient temp. | -10 to + 70°C |
| Class | 2 |
| IP rating | IP 30 |
| Wiring | Terminal block |
| Mounting type | Recessed |
| Lamp power | 3 W |

EMERGENCY

| | |
|----------------------|---------|
| Emergency lamp power | 3 W |
| Rated duration | 180 min |
| Classification | |

BATTERY

| | |
|---------|------------------|
| Type | Ni-Cd |
| Voltage | 3.6 V |
| Codes | Ni-Cd 3.6V 1.8Ah |

CHARGE

| | |
|-----------|---------------|
| Type | Smart charge |
| Time | 16 / 24 Hours |
| Operation | Variable |

CONSTRUCTION

| | |
|------------------|--------------------|
| Viewing distance | 24M |
| Cut-out | 65 mm |
| Body | PC (UV Stabilised) |

COMPLIANCE

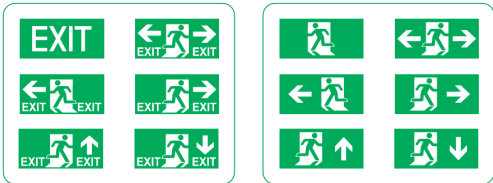
| | |
|-----------|--------------------------|
| Standards | IEC 60598.2.22 MS 983 |
|-----------|--------------------------|

MODEL: SLES-IP65

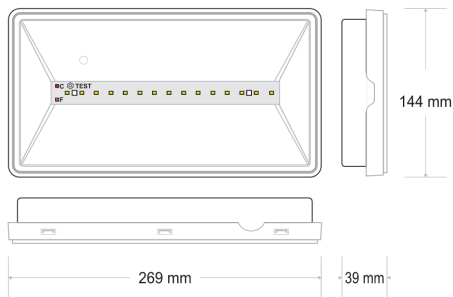
EMERGENCY / EXIT LIGHT



SIGN BOARD



DIMENSIONS



PRODUCT RANGE (Wall)

| ORDER CODE | PRODUCT NUMBER SKU |
|-------------------------------------|--------------------|
| SLES-IP65 Wall / Door Exit light | E65W |
| SLES-IP65 Pendant Exit light | E65P |
| SLES-IP65 Ceiling Exit light | E65C |

PRODUCT RANGE (Recessed)

| ORDER CODE | PRODUCT NUMBER SKU |
|-----------------------------------|--------------------|
| SLES-IP65 Recessed Exit light | E65R |
| SLES-IP65 Side Exit light | E65S |
| SLES-IP65 Low range Exit light | E65L |

NOTE: For more information on the chemical resistance of our polycarbonate or our compliance documentation, please see our spec.

FEATURES

GENERAL FEATURES

- Fully compliant (TCVN)
- Single or double sided films
- Available in low illumination area black model
- Replaceable easy fit, quick release films

BUILT TO LAST

- LED light source
- Long life electronics
- 5 years design life at max. ambient
- High quality battery (Ni-Cd) and smart charger

SUITABLE INSTALLATION TYPES (OUT OF THE BOX)

- Standalone (SPU)

ACCESSORY RANGE

| ORDER CODE | DESCRIPTION |
|-------------|---|
| Battery (1) | Ni-Cd 3.6V 1800mAh (-10 to + 70°C) |
| Battery (2) | Designed for use at -30°C for cold storage type |
| Battery (3) | Designed for use with central battery type |
| Remote | Designed for use with sensor motion detector |
| Lunos | Test by bluetooth Wisilica control |
| Remote | Test by infrared remote control |

OPERATIONAL INFORMATION

GENERAL

| | |
|---------------|--|
| Voltage | 220V (+/-10%) 50-60Hz |
| Ambient temp. | -10 to + 70°C (-30 to + 60°C Optional) |
| Class | 2 |
| IP rating | IP 30 / 65 |
| Wiring | Terminal block |
| Mounting type | Wall, Ceiling, Recessed, Pendant |
| Lamp power | 3 W |

EMERGENCY

| | |
|----------------------|---------|
| Emergency lamp power | 3 W |
| Rated duration | 180 min |

Classification

BATTERY

| Type | Ni-Cd | CHARGE | Type | Smart charge |
|---------|------------------|-----------|---------------|--------------|
| Voltage | 3.6 V | Time | 16 / 24 Hours | |
| Codes | Ni-Cd 3.6V 1.8Ah | Operation | Variable | |

CONSTRUCTION

| | |
|------------------|--------------------|
| Viewing distance | 24M |
| Cut-out | 126 X 254 mm |
| Body | PC (UV Stabilised) |

COMPLIANCE

| | |
|-----------|--------------------------|
| Standards | IEC 60598.2.22 MS 983 |
|-----------|--------------------------|

TOTAL POWER CONSUMPTION (TPC)

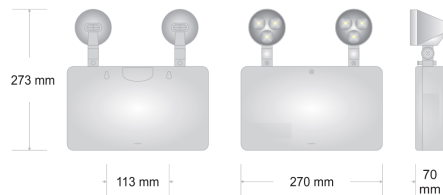
| NON-MAINTAINED MODE | |
|---------------------|-------|
| MAX. | AVG. |
| 3.5 W | 3.0 W |

NOTE: Average power consumption calculated with the assumption of four emergency events per year and that the battery charger is in standby at all other times(above typical usage).

LED LIFETIME

use with Ni-Cd battery lifespan 50,000 burning hours

use with Li-Ion battery lifespan 60,000 burning hours

MODEL: SLE-FW**DIMENSIONS****PRODUCT RANGE**

| ORDER CODE | PRODUCT NUMBER SKU |
|------------|--------------------|
| SLE-FW | EMW2X3W |

TOTAL POWER CONSUMPTION (TPC)**NON-MAINTAINED MODE**

| MAX. | AVG. |
|-------|-------|
| 3.5 W | 3.0 W |

NOTE: Average power consumption calculated with the assumption of four emergency events per year and that the battery charger is in standby at all other times (above typical usage).

LED LIFETIME

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FEATURES**GENERAL FEATURES**

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SUITABLE INSTALLATION TYPES (OUT OF THE BOX)

- Standalone (SPU)

ACCESSORY RANGE

| ORDER CODE | DESCRIPTION |
|-------------|---|
| Battery (1) | Ni-Cd 3.6V 1800mAh (-10 to + 70°C) |
| Battery (2) | Designed for use at -30°C for cold storage type |
| Battery (3) | Designed for use with central battery type |
| Remote | Designed for use with sensor motion detector |
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OPERATIONAL INFORMATION**GENERAL**

| | |
|---------------|-----------------------|
| Voltage | 220V (+/-10%) 50-60Hz |
| Ambient temp. | -10 to + 70°C |
| Class | 2 |
| IP rating | IP 30 |
| Wiring | Terminal block |
| Mounting type | Wall |
| Lamp power | 2 X 3 W |

EMERGENCY

| | |
|----------------------|---------|
| Emergency lamp power | 3 W |
| Rated duration | 180 min |

BATTERY

| | |
|---------|------------------|
| Type | Ni-Cd |
| Voltage | 3.6 V |
| Codes | Ni-Cd 3.6V 1.8Ah |

CHARGE

| | |
|-----------|---------------|
| Type | Smart charge |
| Time | 16 / 24 Hours |
| Operation | Variable |

CONSTRUCTION

| | |
|------------------|--------------------|
| Viewing distance | 24M |
| Body | PC (UV Stabilised) |

COMPLIANCE

| | |
|-----------|--------------------------|
| Standards | IEC 60598.2.22 MS 983 |
|-----------|--------------------------|