

# AENOR

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## LICENCE

to use the European Mark



**Licence Nr.** ENEC/001304

**Under the conditions given in the following pages of this document, the licence to use the ENEC Mark in conjunction with the suffix 01, as shown above, has been issued to:**

NORMAGRUP TECHNOLOGY, S.A.  
Parque TECNOLÓGICO ASTURIAS  
33428 LLANERA (Asturias – España / Spain)

**For the product(s):**

LED luminaires for emergency lighting

**Trade name(s):**

NormaLux

**Complying with the following European Standards:**

EN IEC 60598-1:2021; EN IEC 60598-1:2021/A11:2022;  
EN 60598-2-22:2014; EN 60598-2-22:2014/A1:2020;

A handwritten signature in blue ink, appearing to be 'Rafael García', written over a horizontal line.

**Date:** 2025-05-14

**Signature:**

**Name:** Rafael García  
**Position:** Chief Executive Officer

This licence has been issued under the presumption and conditional on the fact that the licensee holds all necessary legal rights with regard to the product presented for testing and certification.

AENOR CONFÍA, S.A.U.  
Cl Génova, 6  
28004 MADRID (Spain)

## CERTIFICATE OF THE ENEC EUROPEAN MARK

|  |   |
|--|---|
| Type of Product                                  | LED LUMINAIRES FOR EMERGENCY LIGHTING   |
| r1) Certificate n°                               | ENEC/001304   |
| r2) Date of the Certificate                      | 2025-05-14  |
| r3) report n°                                    | 2024070455B1  |
| r4) Name and address of the licensee             | NORMAGRUP TECHNOLOGY, S.A.<br>Parque TECNOLÓGICO ASTURIAS<br>33428 LLANERA (Asturias - España / Spain)  |
| r5) Address of the factory                       | PQ TECNOLÓGICO ASTURIAS - PARCELA, 10<br>33428 LLANERA (Asturias - España / Spain)                      |
| r6) European Standard                            | EN IEC 60598-1:2021; EN IEC 60598-1:2021/A11:2022;<br>EN 60598-2-22:2014;<br>EN 60598-2-22:2014/A1:2020 |
| r7) Type reference                               | See above for details   |
| r8) Trade Mark                                   | NormaLux  |
| r9) Rated voltage and frequency                  | See above for details   |
| r10) N° lamps x rated power, type and lampholder | 1 x 4 W; LED  |
| r11) IP degree of protection                     | IP 20 (internal), IP 54 (external); IK 03   |
| r12) Power supply connection means               | Terminals   |
| r13) Classif. per holding surface material       | Suitable for normally flammable surfaces  |
| r14) Protection against electric shocks (class)  | Class II  |
| r15) Rated lumen output and duration             | See above for details   |
| r16) Battery features                            | See above for details   |
| r17) Additional information                      | See above for details   |
| r18) General data                                | ZIP Series; Varistor and PTC protection   |
| Date of expiry: 2028-01-02                       |   |

## CERTIFICATE OF THE ENEC EUROPEAN MARK

| Type reference | Rated voltage and frequency | Rated lumen output and duration | Battery features         | Additional information                                      |
|----------------|-----------------------------|---------------------------------|--------------------------|---|
| ZAL-100        | 230 V~; 50/60 Hz            | 95 lm; 1 h                      | Ni-Cd 3,6 V / 300 mAh    | Recessed Autotest Maintained (possible Non-maintained)      |
| ZAL-150Li      | 230 V~; 50/60 Hz            | 150 lm; 1 h                     | LiFePO4 3,2 V /1500 mAh  | Recessed Autotest Maintained (possible Non-maintained)      |
| ZAL-200Li      | 230 V~; 50/60 Hz            | 220 lm; 1 h                     | LiFePO4 3,2 V /1500 mAh  | Recessed Autotest Maintained (possible Non-maintained)      |
| ZAL-200        | 230 V~; 50/60 Hz            | 200 lm; 1 h                     | Ni-Cd 3,6 V / 750 mAh    | Recessed Autotest Maintained (possible Non-maintained)      |
| ZAL3-100       | 230 V~; 50/60 Hz            | 100 lm; 1 h                     | Ni-Cd 3,6 V / 750 mAh    | Recessed Autotest Maintained (possible Non-maintained)      |
| ZAL3-200Li     | 230 V~; 50/60 Hz            | 210 lm; 3 h                     | LiFePO4 3,2 V / 3000 mAh | Recessed Autotest Maintained (possible Non-maintained)      |
| ZA-100L        | 300 V~; 50/60 Hz            | 95 lm; 1 h                      | Ni-Cd 3,6 V / 300 mAh    | Recessed Autotest Non Maintained                            |
| ZA-200L        | 300 V~; 50/60 Hz            | 210 lm; 1 h                     | Ni-Cd 3,6 V / 300 mAh    | Recessed Autotest Non Maintained                            |
| ZA-300L        | 300 V~; 50/60 Hz            | 340 lm; 1 h                     | Ni-Cd 3,6 V / 300 mAh    | Recessed Autotest Non Maintained                            |
| ZA3-100L       | 300 V~; 50/60 Hz            | 100 lm; 3 h                     | Ni-Cd 3,6 V / 750 mAh    | Recessed Autotest Non Maintained                            |
| ZCAL-100-N     | 230 V~; 50/60 Hz            | 95 lm; 1 h                      | Ni-Cd 3,6 V / 300 mAh    | Salve ceiling Autotest Maintained (possible Non-maintained) |
| ZCAL-150Li-N   | 230 V~; 50/60 Hz            | 150 lm; 1 h                     | LiFePO4 3,2 V /1500 mAh  | Salve ceiling Autotest Maintained (possible Non-maintained) |
| ZCAL-200Li-N   | 230 V~; 50/60 Hz            | 185 lm; 1 h                     | LiFePO4 3,2 V /1500 mAh  | Salve ceiling Autotest Maintained (possible Non-maintained) |
| ZCAL-200-N     | 230 V~; 50/60 Hz            | 180 lm; 1 h                     | Ni-Cd 3,6 V / 300 mAh    | Salve ceiling Autotest Maintained (possible Non-maintained) |

## CERTIFICATE OF THE ENEC EUROPEAN MARK

| Type reference | Rated voltage and frequency | Rated lumen output and duration | Battery features         | Additional information                                      |
|----------------|-----------------------------|---------------------------------|--------------------------|---|
| ZCAL3-100-N    | 230 V~; 50/60 Hz            | 100 lm; 1 h                     | Ni-Cd 3,6 V / 300 mAh    | Salve ceiling Autotest Maintained (possible Non-maintained) |
| ZCAL3-200Li-N  | 230 V~; 50/60 Hz            | 205 lm; 3 h                     | LiFePO4 3,2 V / 3000 mAh | Salve ceiling Autotest Maintained (possible Non-maintained) |
| ZCA-100L-N     | 300 V~; 50/60 Hz            | 100 lm; 1 h                     | Ni-Cd 3,6 V / 300 mAh    | Salve ceiling Autotest Non Maintained                       |
| ZCA-200L-N     | 300 V~; 50/60 Hz            | 210 lm; 1 h                     | Ni-Cd 3,6 V / 300 mAh    | Salve ceiling Autotest Non Maintained                       |
| ZCA-300L-N     | 300 V~; 50/60 Hz            | 300 lm; 1 h                     | Ni-Cd 3,6 V / 300 mAh    | Salve ceiling Autotest Non Maintained                       |
| ZCA3-100L-N    | 300 V~; 50/60 Hz            | 100 lm; 3 h                     | Ni-Cd 3,6 V / 750 mAh    | Salve ceiling Autotest Non Maintained                       |
| ZCIDL-150Li-N  | 230 V~; 50/60 Hz            | 150 lm; 1 h                     | LiFePO4 3,2 V / 1500 mAh | Salve ceiling DALI Maintained (possible Non-maintained)     |
| ZCIDL-200Li-N  | 230 V~; 50/60 Hz            | 200 lm; 1 h                     | LiFePO4 3,2 V / 1500 mAh | Salve ceiling DALI Maintained (possible Non-maintained)     |
| ZCIDL3-200Li-N | 230 V~; 50/60 Hz            | 200 lm; 3 h                     | LiFePO4 3,2 V / 3000 mAh | Salve ceiling DALI Maintained (possible Non-maintained)     |
| ZCI-S1L24-N    | 24 V=                       | 200 lm                          | -                        | Salve ceiling CBS. Central-supply                           |
| ZCL-100-N      | 230 V~; 50/60 Hz            | 100 lm; 1 h                     | Ni-Cd 3,6 V / 300 mAh    | Salve ceiling Standar Maintained (possible Non-maintained)  |
| ZCL-200-N      | 230 V~; 50/60 Hz            | 195 lm; 1 h                     | Ni-Cd 3,6 V / 300 mAh    | Salve ceiling Standar Maintained (possible Non-maintained)  |
| ZCL3-100-N     | 230 V~; 50/60 Hz            | 100 lm; 3 h                     | Ni-Cd 3,6 V / 750 mAh    | Salve ceiling Standar Maintained (possible Non-maintained)  |
| ZC-S1L24-N     | 24 V=                       | 200 lm                          | -                        | Salve ceiling CBS. Central-supply                           |
| ZC-100L-N      | 230 V~; 50/60 Hz            | 90 lm; 1 h                      | Ni-Cd 3,6 V / 300 mAh    | Salve ceiling Standard Non Maintained                       |
| ZC-200L-N      | 230 V~; 50/60 Hz            | 190 lm; 1 h                     | Ni-Cd 3,6 V / 300 mAh    | Salve ceiling Standard Non Maintained                       |

## CERTIFICATE OF THE ENEC EUROPEAN MARK

| Type reference | Rated voltage and frequency | Rated lumen output and duration | Battery features         | Additional information                                 |
|----------------|-----------------------------|---------------------------------|--------------------------|--|
| ZC-300L-N      | 230 V~; 50/60 Hz            | 300 lm; 1 h                     | Ni-Cd 3,6 V / 300 mAh    | Salve ceiling Standard Non Maintained                  |
| ZC3-100L-N     | 230 V~; 50/60 Hz            | 100 lm; 3 h                     | Ni-Cd 3,6 V / 750 mAh    | Salve ceiling Standard Non Maintained                  |
| ZIDL-150Li     | 230 V~; 50/60 Hz            | 150 lm; 1 h                     | LiFePO4 3,2 V / 600 mAh  | Recessed DALI Maintained (possible Non-maintained)     |
| ZIDL-200Li     | 230 V~; 50/60 Hz            | 190 lm; 1 h                     | LiFePO4 3,2 V / 600 mAh  | Recessed DALI Maintained (possible Non-maintained)     |
| ZIDL3-200Li    | 230 V~; 50/60 Hz            | 200 lm; 3 h                     | LiFePO4 3,2 V / 3000 mAh | Recessed DALI Maintained (possible Non-maintained)     |
| ZI-S1L24       | 24 V                        | 210 lm                          | -                        | Recessed CBS. Central-supply                           |
| ZL-100         | 230 V~; 50/60 Hz            | 95 lm; 1 h                      | Ni-Cd 3,6 V / 300 mAh    | Recessed Standard Maintained (possible Non-maintained) |
| ZL-200         | 230 V~; 50/60 Hz            | 210 lm; 1 h                     | Ni-Cd 3,6 V / 300 mAh    | Recessed Standard Maintained (possible Non-maintained) |
| ZL3-100        | 230 V~; 50/60 Hz            | 100 lm; 3 h                     | Ni-Cd 3,6 V / 750 mAh    | Recessed Standard Maintained (possible Non-maintained) |
| Z-S1L          | 230 Vca; 50/60 Hz           | 200 lm                          | -                        | Recessed CBS. Central-supply                           |
| Z-S1L24        | 24 V=                       | 200 lm                          | -                        | Recessed CBS. Central-supply                           |
| Z-100L         | 230 V~; 50/60 Hz            | 95 lm; 1 h                      | Ni-Cd 3,6 V / 300 mAh    | Recessed Standard Non Maintained                       |
| Z-200L         | 230 V~; 50/60 Hz            | 210 lm; 1 h                     | Ni-Cd 3,6 V / 300 mAh    | Recessed Standard Non Maintained                       |
| Z-300L         | 230 V~; 50/60 Hz            | 330 lm; 1 h                     | Ni-Cd 3,6 V / 300 mAh    | Recessed Standard Non Maintained                       |
| Z3-100L        | 230 V~; 50/60 Hz            | 90 lm; 3 h                      | Ni-Cd 3,6 V / 750 mAh    | Recessed Standard Non Maintained                       |