




Date : : 2019-08-17

CERTIFICATE OF COMPLIANCE

This Certificate of Compliance Validates the Following			
TEST REPORT NUMBER <small>'Assessment Reports' are not acceptable</small>	SA45151-20190130	CERTIFICATE NUMBER	IMZI.SA45151
DATE OF ISSUE	20190130	DATE OF ISSUE	2019-09-06
DATE OF EXPIRY	Only those products bearing the UL Certification Mark should be considered as being covered by UL's Certification and Follow-Up Service.	DATE OF EXPIRY	Only those products bearing the UL Certification Mark should be considered as being covered by UL's Certification and Follow-Up Service.
Manufacturer Details			
NAME OF FACTORY/ MANUFACTURER	Ecoglo International Ltd	NAME OF THE BRAND	Ecoglo
FACTORY ADDRESS / REGION <small>(STREET / TOWN / CITY / COUNTRY)</small>	77 Kingsley St Christchurch 8023 NEW ZEALAND	MODEL / NO	Photoluminescent Floor proximity egress path marking systems, Model(s) G3-001, G3001, G4-001, G4001, G6-001, G6001, G6-003, G5-001, G5001, H3-001, H3001, H5-003, H5-001, H5001, E2-071, E2071, E2-061, E2061, E2-051, E2051, E2-031, E2031, E3-071, E3071, E3-061, E3061, E3-051, E3051, E3-031, E3031, E4-073, E4-063, E4-053, E4-033, E4-071, E4071, E4-061, E4061, E4-051, E4051, E4-031, E4031, E14-075, E14-065, E14-055, E14-035, S5-ARS1010, S5-DHM1010, S5-ARD1010.
WEBSITE	www.ecoglo.com	LOGO ON THE PRODUCT	
TEL	+64 3 348 3781	EMAIL	info@ecoglo.com



Product Details From Test Report		Reference Test Report page NO
<p>DESCRIPTION OF THE PRODUCT (TECHNICAL DETAILS FROM TEST REPORT, SUCH AS ACTUAL FIRE RATINGS/DIMENSIONS/THICKNESS/ SENSITIVITY ETC)</p>	<p>Luminous Egress-path-marking Systems</p> <p>This category covers floor-proximity and other egress-path-marking and lighting systems intended to visually identify the path of egress and significant egress-path features, such as doors, stair banisters, obstacles, or information placards.</p>	<p>SA45151-20190130</p>
<p>TEST STANDARD (SUCH AS ASTM/BS EN/ DN ETC)</p>	<p>ANSI/UL 1994, "Luminous Egress Path Marking Systems."</p> <p>Scope:</p> <p>1.1 These requirements cover floor proximity and other egress path marking and lighting systems that provide a visual delineation of the path of egress. These systems are also used to identify significant egress path features such as doors, door hardware, door frames, stairs, stair landings, stair banisters, obstacles, egress symbols, information placards, and similar elements of the egress path.</p> <p>1.2 These systems are intended for installation and use as required by building and fire safety codes such as the Life Safety Code, NFPA 101; the Building Construction and Safety Code, NFPA 5000, and the International Building Code sponsored by the International Code Council.</p> <p>1.3 These requirements cover photoluminescent egress path marking system materials such as sheeting and adhesive-backed laminates. They also cover paints, pigments or inks pre-applied to a substrate. They are intended for installation where the facility illumination is sufficient to activate the photoluminescent material.</p> <p>1.4 These requirements do not address the mounting integrity of path markers intended to be secured by adhesive to a building element. The suitability of this form of mounting for any given application is outside the scope of this Standard.</p> <p>1.5 Self-luminous systems include constructions as defined in 5.13.</p>	<p>SA45151-20190130</p>



	<p>1.6 Externally powered lighting systems include varying designs of electric lamps that may be intended for connection to any combination of normal power supply, emergency power supply, and battery backup.</p> <p>1.7 These requirements do not cover egress signs and lighting to be used independent from a path marking system, such as EXIT signs or other legally required legends or graphical symbols that are within the scope of the Standard for Emergency Lighting and Power Equipment, UL 924.</p> <p>1.8 These requirements do not address the text or graphical symbol content, or the configuration of path marker signs.</p> <p>1.9 The term ²product² as used in these requirements refers to egress path marking and lighting systems or any part thereof covered by these requirements unless specifically noted otherwise.</p>																														
<p>TEST DESCRIPTION</p>	<p>The following tests from the referenced standard(s), as applicable to the products submitted, were conducted:</p> <table border="1" data-bbox="511 1081 1291 1606"> <thead> <tr> <th>Standard</th> <th>Test</th> <th>Standard Section</th> </tr> </thead> <tbody> <tr> <td rowspan="3">UL 1994</td> <td>General</td> <td>33</td> </tr> <tr> <td>General</td> <td>33.1</td> </tr> <tr> <td>Sample conditioning</td> <td>33.2</td> </tr> <tr> <td rowspan="3">UL 1994</td> <td>Visibility Test</td> <td>34</td> </tr> <tr> <td>General</td> <td>34.1</td> </tr> <tr> <td>Visibility test</td> <td>34.2</td> </tr> <tr> <td>UL 1994</td> <td>Strain Relief Test</td> <td>35</td> </tr> <tr> <td>UL 1994</td> <td>Snap-On Cover Test</td> <td>36</td> </tr> <tr> <td>UL 1994</td> <td>Glass Breakage Test</td> <td>37</td> </tr> <tr> <td>UL 1994</td> <td>Impact Resistance of Self-Luminous Marking Systems</td> <td>38</td> </tr> </tbody> </table> <p>The results of this investigation including evaluation and testing indicate that the products are complied with the applicable requirements of the Standard ANSI/UL 1994 - "Standard for Luminous Egress Path Marking Systems for Fire-Protection Service" and therefore, such products are judged eligible to bear UL's Mark.</p>	Standard	Test	Standard Section	UL 1994	General	33	General	33.1	Sample conditioning	33.2	UL 1994	Visibility Test	34	General	34.1	Visibility test	34.2	UL 1994	Strain Relief Test	35	UL 1994	Snap-On Cover Test	36	UL 1994	Glass Breakage Test	37	UL 1994	Impact Resistance of Self-Luminous Marking Systems	38	<p>SA45151-20190130</p>
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<p>SPECIFICATION OF TEST SPECIMEN</p>	<p>The samples used for testing and evaluation were considered representative of the submitted products.</p>	<p>SA45151-20190130</p>
<p>TEST RESULT (SUCH AS PASSED CRITERIA___/COMPLIED TO___/DURATION___/OBSERVATION___/ETC)</p>	<p>Pass – Only those products bearing the UL Mark should be considered to be Certified and covered under UL’s Follow-Up Service</p>	<p>SA45151-20190130</p>
<p>PRODUCT APPLICATION GUIDELINE (END USE) (CLEARLY STATE THE END USE WITH SPECIFIC APPLICATION, SUCH AS EXACT FIRE RATING/TO BE INSTALLED IN___/TO BE INSTALLED AT___/TO BE CONNECTED WITH___/TO BE INSTALLED WITH___ ETC ALONG WITH ANY WARNINGS SUCH AS NOT TO BE USED IN___/NOT TO BE INSTALLED AT___/ NOT TO BE INSTALLED WITH___ ETC.</p>	<p>This category covers floor-proximity and other egress-path-marking and lighting systems intended to visually identify the path of egress and significant egress-path features, such as doors, stair banisters, obstacles, or information placards.</p> <p>These products are intended for installation and use in accordance with the applicable building and fire safety codes, such as ANSI/NFPA 101, "Life Safety Code," ANSI/NFPA 5000, "Building Construction and Safety Code," and the "International Building Code." Electrical products have additionally been investigated with reference to risk of fire or injury due to electric shock, and for conformity to the installation and use provisions of ANSI/NFPA 70, "National Electrical Code."</p> <p>Path-marking systems intended to be installed on the floor have additionally been subjected to commercial cleaning operations representative of those specified in the manufacturer's instructions. Path-marking-system components intended to be installed on a stair nosing have additionally been subjected to a slip-resistance investigation and are permitted to be marked "Suitable for Stair Nosings," or equivalent wording.</p> <p>Photoluminescent products may include adhesive-backed or mechanically secured, rigid or flexible tapes or sheet materials for field application in accordance with the manufacturer's instructions. Paint or pigment material must be pre-applied (at the manufacturing facility) to a substrate; field application of photoluminescent pigment (by painting, spraying, or similar method) directly to building materials or surfaces is not permitted due to uncontrolled application variables deemed significant for product performance. Photoluminescent products require exposure to light for activation of their luminescent properties, and their instructions identify the minimum amount and type of illumination to achieve their full intended functionality.</p> <p>Self-luminous products, typically containing tritium gas, are marked with a replacement date, and must also comply with the</p>	<p>SA45151-20190130</p>



	<p>requirements of the United States Nuclear Regulatory Commission for Generally Licensed Devices.</p> <p>Electrically powered systems are intended to be connected to (or supplied with) an emergency source of power.</p>	
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Laboratory and Certification Body Details			
NAME OF CERTIFICATION BODY	UL LLC	NAME OF TEST FACILITY	1) UL LLC 2) UL LLC 3) UL Verification Services
CERTIFICATION BODY ADDRESS / REGION <small>(STREET / TOWN / CITY / COUNTRY)</small>	333 Pfingsten Road, Northbrook, IL, USA	TEST FACILITY ADDRESS / REGION <small>(STREET / TOWN / CITY / COUNTRY)</small>	1) 47173 Benicia Street, Fremont, CA 94538 2) 12 Laboratory Drive, RTP, NC 27709 3) Holland MI
WEBSITE	www.ul.com	WEBSITE	www.ul.com
TEL	+1-877-854-3577	TEL	+1-877-854-3577
EMAIL	FireandSecurity@ul.com	EMAIL	FireandSecurity@ul.com
ACCREDITED BY <small>(NAME OF ACCREDITATION BODY WHICH ISSUED ACCREDITATION TO THE CERTIFICATION BODY, ALONG WITH WEBSITE)</small>	American National Standards Institute (ANSI) as a product certification body ansi.org	ACCREDITED BY <small>(NAME OF ACCREDITATION BODY WHICH ISSUED ACCREDITATION TO THE LABORATORY, ALONG WITH WEBSITE)</small>	American National Standards Institute (ANSI) as a product certification body ansi.org
AS PER <small>(STANDARD TO WHICH THE CERTIFICATION BODY IS ACCREDITED TO)</small>	ISO/IEC 17065	AS PER <small>(STANDARD TO WHICH YOUR ORGANIZATION IS ACCREDITED TO)</small>	ISO/IEC 17065
VALIDITY <small>(EXPIRY DATE OF CERTIFICATION BODY ACCREDITATION)</small>	Active as of date of issuance of this certificate	VALIDITY <small>(EXPIRY DATE OF LABORATORY ACCREDITATION)</small>	Active as of date of issuance of this certificate
REFERENCE NUMBER: <small>(CERTIFICATION BODY ACCREDITATION REFERENCE NUMBER TO VERIFY ON THE ACCREDITOR'S WEBSITE)</small>	Accreditation ID #0198	REFERENCE NUMBER: <small>(THE LABORATORY ACCREDITATION REFERENCE NUMBER TO VERIFY ON THE ACCREDITOR'S WEBSITE)</small>	Accreditation ID #0198
CERTIFICATION MARK			



(ENDORSEMENT) TO BE SIGNED BY MANUFACTURER			
NAME OF MANUFACTURER'S SIGNATORY	Trevor Dimond	SIGNATURE	
EMAIL / TEL	td@ecoglo.com	FACTORY OFFICIAL SEAL	
NOTES: I Undertake that all data and information provided are genuine and accurate			

(ENDORSEMENT) TO BE SIGNED BY CERTIFICATION BODY			
NAME OF CERTIFICATION BODY SIGNATORY	Jerry Chow	SIGNATURE	
EMAIL / TEL	Jerry.k.chow@ul.com	CERTIFICATION BODY OFFICIAL SEAL	
NOTES: I Undertake that all data and information provided are genuine and accurate			

ATTACHMENTS:

- COPY OF 'CERTIFICATE OF COMPLIANCE' ISSUED BY CERTIFICATION BODY (OLD OR NEW)

ECOGLO INTERNATIONAL LTD
77 KINGSLEY ST
CHRISTCHURCH, 8023 NEW ZEALAND

SA45151

Trademark and/or Tradename: