



PERRY JOHNSON LABORATORY ACCREDITATION, INC.

Certificate of Accreditation

Perry Johnson Laboratory Accreditation, Inc. has assessed the Laboratory of:

First Group S.a.s

Via Raffaello 29, Mogliano Veneto (TV), Italy 31021

*(Hereinafter called the Organization) and hereby declares that Organization is accredited
in accordance with the recognized International Standard:*

ISO/IEC 17025:2017

This accreditation demonstrates technical competence for a defined scope and the
operation of a laboratory quality management system
(as outlined by the joint ISO-ILAC-IAF Communiqué dated April 2017):

Electrical Testing
(As detailed in the supplement)

Accreditation claims for such testing and/or calibration services shall only be made from addresses referenced within this certificate. This Accreditation is granted subject to the system rules governing the Accreditation referred to above, and the Organization hereby covenants with the Accreditation body's duty to observe and comply with the said rules.

For PJLA:

Tracy Szerszen
President

Initial Accreditation Date:

January 10, 2023

Issue Date:

January 10, 2023

Expiration Date:

April 30, 2025

Revision Date:

March 28, 2024

Accreditation No.:

120144

Certificate No.:

L23-19-R1

Perry Johnson Laboratory
Accreditation, Inc. (PJLA)
755 W. Big Beaver, Suite 1325
Troy, Michigan 48084

*The validity of this certificate is maintained through ongoing assessments based on a
continuous accreditation cycle. The validity of this certificate should be
confirmed through the PJLA website: www.pjllabs.com*



Certificate of Accreditation: Supplement

First Group S.a.s

Via Raffaello 29, Mogliano Veneto (TV), Italy 31021
Contact Name: Sig Giorgio Lovisetto Phone: 041-595-1122

Accreditation is granted to the facility to perform the following testing:

FLEX CODE	FIELD OF TEST	ITEMS, MATERIALS, OR PRODUCTS TESTED	COMPONENT, CHARACTERISTIC, PARAMETER TESTED	SPECIFICATION OR STANDARD METHOD	TECHNOLOGY OR TECHNIQUE USED
F1, F2	Electrical ^F	Luminaires – General requirements and tests	Marking	IEC 60598-1:2020, cap. 3 Luminaires – Part 1: General requirements and test IEC 60598-2-1:2020 cap. 1.6 Luminaires - Part 2-1: particular requirements-fixed general purpose luminaires IEC 60598-2-2:2023 cap 2.6 Luminaires – Part 2-2: Particular requirements – Recessed luminaires IEC 60598-2-4:2017 cap. 4.6 Luminaires- Part 2-4: particular requirements-Portable general purpose luminaires IEC 60598-2-8:2013 cap 8.6 Luminaires- Part 2-8 Particular requirements-Handlamps IEC 60598-2-13:2006 + AMD1:2011 + AMD2:2016 cap 13.5 Luminaires - Part 2-13: Particular requirements – Ground recessed luminaires IEC 60598-2-18:2022 cap 18.6 Luminaires - Part 2-18: Particular requirements- Luminaires for swimming pools and similar applications IEC 60598-2-22:2021 cap 22.6 Luminaires - Part 2-22 Particular requirements - Luminaires for emergency lighting	Visual evaluation



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F1, F2	Electrical ^F	Luminaires – General requirements and tests	Classification of luminaires	IEC 60598-1:2020, cap. 2 Luminaires – Part 1: General requirements and test IEC 60598-2-1:2020 cap. 1.5 Luminaires - Part 2-1: particular requirements-fixed general purpose luminaires IEC 60598-2-2:2023 cap 2.5 Luminaires – Part 2-2: Particular requirements – Recessed luminaires IEC 60598-2-4:2017 cap. 4.5 Luminaires - Part 2-4: particular requirements-Portable general purpose luminaires IEC 60598-2-8:2013 cap 8.5 Luminaires - Part 2-8 Particular requirements - Handlamps IEC 60598-2-13:2006 + AMD1:2011 + AMD2:2016 cap 13.4 Luminaires - Part 2-13: Particular requirements – Ground recessed luminaires IEC 60598-2-18:2022 cap 18.5 Luminaires - Part 2-18: Particular requirements- Luminaires for swimming pools and similar applications IEC 60598-2-22:2021 cap 22.5 Luminaires - Part 2-22 Particular requirements - Luminaires for emergency lighting	Visual evaluation



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F1, F2	Electrical ^F	Luminaires – General requirements and tests	Provision for earthing	IEC 60598-1:2020, cap. 7.2.3 and 7.2.5 and 7.2.6 and 7.2.7 and 7.2.8 and 7.2.9 and 7.2.10 and 7.2.11 and 7.2.12 Luminaires – Part 1: General requirements and test IEC 60598-2-1:2020 cap. 1.9 Luminaires - Part 2-1: particular requirements-fixed general purpose luminaires IEC 60598-2-2:2023 cap 2.9 Luminaires – Part 2-2: Particular requirements – Recessed luminaires IEC 60598-2-4:2017 cap. 4.9 Luminaires - Part 2-4: particular requirements-Portable general purpose luminaires IEC 60598-2-8:2013 cap 8.9 Luminaires - Part 2-8 Particular requirements - Handlamps IEC 60598-2-13:2006 + AMD1:2011 + AMD2:2016 cap 13.8 Luminaires - Part 2-13: Particular requirements – Ground recessed luminaires IEC 60598-2-18:2022 cap 18.9 Luminaires - Part 2-18: Particular requirements- Luminaires for swimming pools and similar applications IEC 60598-2-22:2021 cap 22.9 Luminaires - Part 2-22 Particular requirements - Luminaires for emergency lighting	Visual evaluation + Electrical safety tester - Test 12 V 10A



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F1, F2	Electrical ^F	Luminaires – General requirements and tests	Insulation resistance	IEC 60598-1:2020, cap.10.2.1 Luminaires – Part 1: General requirements and test IEC 60598-2-1:2020 cap. 1.15 Luminaires Part - 2-1: particular requirements- fixed general purpose luminaires IEC 60598-2-2:2023 cap 2.15 Luminaires – Part 2-2: Particular requirements – Recessed luminaires IEC 60598-2-4:2017 cap. 4.15 Luminaires - Part 2-4: particular requirements- Portable general purpose luminaires IEC 60598-2-8:2013 cap 8.15 Luminaires - Part 2-8 Particular requirements - Handlamps IEC 60598-2-13:2006 + AMD1:2011 + AMD2:2016 cap 13.14 Luminaires - Part 2-13: Particular requirements – Ground recessed luminaires IEC 60598-2-18:2022 cap 18.15 Luminaires - Part 2-18: Particular requirements- Luminaires for swimming pools and similar applications IEC 60598-2-22:2021 cap 22.15 Luminaires - Part 2-22 Particular requirements - Luminaires for emergency lighting	Electrical safety tester + Test 100 V to 500 V



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F1, F2	Electrical ^F	Luminaires – General requirements and tests	Electric strength	IEC 60598-1:2020, cap. 10.2.2 Luminaires – Part 1: General requirements and test IEC 60598-2-1:2020 cap. 1.15 Luminaires - Part 2-1: particular requirements- fixed general purpose luminaires IEC 60598-2-2:2023 cap 2.15 Luminaires – Part 2-2: Particular requirements – Recessed luminaires IEC 60598-2-4:2017 cap. 4.15 Luminaires - Part 2-4: particular requirements- Portable general purpose luminaires IEC 60598-2-8:2013 cap 8.15 Luminaires - Part 2-8 Particular requirements - Handlamps IEC 60598-2-13:2006 + AMD1:2011 + AMD2:2016 cap 13.14 Luminaires - Part 2-13: Particular requirements – Ground recessed luminaires IEC 60598-2-18:2022 cap 18.15 Luminaires - Part 2-18: Particular requirements- Luminaires for swimming pools and similar applications IEC 60598-2-22:2021 cap 22.15 Luminaires - Part 2-22 Particular requirements - Luminaires for emergency lighting	Electrical safety tester + Test 500 V to 3 000 V



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F1, F2	Electrical ^F	Luminaires – General requirements and tests	Thermal test (normal operation)	IEC 60598-1:2020, cap. 12.2 and 12.4 Luminaires – Part 1: General requirements and test IEC 60598-2-1:2020 cap. 1.13 Luminaires - Part 2-1: particular requirements-fixed general purpose luminaires IEC 60598-2-2:2023 cap 2.13 Luminaires – Part 2-2: Particular requirements – Recessed luminaires IEC 60598-2-4:2017 cap. 4.13 Luminaires - Part 2-4: particular requirements-Portable general purpose luminaires IEC 60598-2-8:2013 cap 8.13 Luminaires - Part 2-8 Particular requirements - Handlamps IEC 60598-2-13:2006 + AMD1:2011 + AMD2:2016 cap 13.12 Luminaires - Part 2-13: Particular requirements – Ground recessed luminaires IEC 60598-2-18:2022 cap 18.13 Luminaires - Part 2-18: Particular requirements- Luminaires for swimming pools and similar applications IEC 60598-2-22:2021 cap 22.13 Luminaires - Part 2-22 Particular requirements - Luminaires for emergency lighting	Climatic cabin + 18 °C to +250 °C



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F1, F2	Electrical ^F	Luminaires – General requirements and tests	Construction	IEC 60598-1:2020, cap. 4.2 and 4.3 and 4.6 and 4.8 and 4.11 and 4.16.1 and 4.25 and 4.30 Luminaires – Part 1: General requirements and test IEC 60598-2-1:2020 cap. 1.7 Luminaires - Part 2-1: particular requirements- fixed general purpose luminaires IEC 60598-2-2:2023 cap 2.7 Luminaires – Part 2-2: Particular requirements – Recessed luminaires IEC 60598-2-4:2017 cap. 4.7 Luminaires - Part 2-4: particular requirements- Portable general purpose luminaires IEC 60598-2-8:2013 cap 8.7 Luminaires - Part 2-8 Particular requirements - Handlamps IEC 60598-2-13:2006 + AMD1:2011 + AMD2:2016 cap 13.6 Luminaires - Part 2-13: Particular requirements – Ground recessed luminaires IEC 60598-2-18:2022 cap 18.7 Luminaires - Part 2-18: Particular requirements- Luminaires for swimming pools and similar applications IEC 60598-2-22:2021 cap 22.7 Luminaires - Part 2-22 Particular requirements - Luminaires for emergency lighting	Visual evaluation



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Accreditation is granted to the facility to perform the following testing:

1. The presence of a superscript F means that the laboratory performs testing of the indicated parameter at its fixed location.
2. Flex Code:
 - F1-Introduction of the testing of a new item, material, matrix, or product for an accredited test method
 - F2-Introduction of a new version of an accredited standard method (with no modifications)
 - F3-Introduction of a new parameter/component/analyte to an accredited test method
 - F4- Introduction of a new version or modifications of an accredited non-standard method
 - F5-Introduction of a new method that is equivalent to an accredited method (using same technology or technique)

