PERRY JOHNSON LABORATORY ACCREDITATION, INC.

Certificate of Accreditation

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

Palazzoli S.p.a

via F. Palazzoli, 31, Brescia, BS 25128, Italy

and hereby declares that the Organization is accredited in accordance with the recognized International Standard:

ISO/IEC 17025:2017

Whereby, technical competence has been confirmed for the associated scope supplement, in the fields of:

Electrical Testing

(As detailed in the supplement)

Accreditation claims for conformity assessment activities shall only be made from the addresses referenced within this certificate and shall apply solely to those activities identified in the related scope. This Accreditation is granted subject to the Accreditation Body rules governing the Accreditation referred to above, and the Organization hereby commits to observing and complying with those rules in their entirety.

For PJLA:

Tracy Szerszen
President

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

Initial Accreditation Date:	*Issue Date:*	*Expiration Date:*
December 30, 2025	December 30, 2025	March 31, 2028

Accreditation No.:	*Certificate No.:*
131114	L25-1007

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.pjlabs.com

Certificate of Accreditation: Supplement

Palazzoli S.p.a
via F. Palazzoli, 31, Brescia, BS 25128, Italy
Contact Name: Ivo Meroni Phone: 335-657-1485

Accreditation is granted to the facility to perform the following conformity assessment activities:

FIELD OF TEST	ITEMS, MATERIALS, OR PRODUCTS TESTED	COMPONENT, CHARACTERISTIC, PARAMETER TESTED	SPECIFICATION OR STANDARD METHOD	TECHNOLOGY OR TECHNIQUE USED	FLEX CODE	LOCATION OF ACTIVITY
Electrical	LED lamp LED module LED luminaire	Luminous flux	EN 13032-4:2015+A1:2019 IES LM-79-24	Goniophotometer	F1, F2	F
Electrical	LED lamp LED module LED luminaire	Partial luminous flux	EN 13032-4:2015+A1:2019	Goniophotometer	F1, F2	F
Electrical	LED lamp LED module LED luminaire	Useful luminous flux	EN 13032-4:2015+A1:2019	Goniophotometer	F1, F2	F
Electrical	LED lamp LED module LED luminaire	Luminous Intensity Distribution	EN 13032-4:2015+A1:2019 IES LM-79-24	Goniophotometer	F1, F2	F
Electrical	LED lamp LED module LED luminaire	Luminous efficacy	EN 13032-4:2015+A1:2019 IES LM-79-24	Goniophotometer	F1, F2	F
Electrical	LED lamp LED module LED luminaire	Spectral power distribution	EN 13032-4:2015+A1:2019 IES LM-79-24	Gonio-spectroradiometer	F1, F2	F
Electrical	LED lamp LED module LED luminaire	Colorimetric parameters calculated from spectrum: - correlated color temperature (CCT); - color rendering index (CRI); - chromaticity coordinates (x,y - u',v') - Angular Colour Uniformity ($\Delta_{u'v'}$)	EN 13032-4:2015+A1:2019 IES LM-79-24	Gonio-spectroradiometer	F1, F2	F
Electrical	LED lamp LED module LED luminaire	Colorimetric parameters calculated from spectrum: - Distance from Planckian Locus (D_{uv})	EN 13032-4:2015+A1:2019	Gonio-spectroradiometer	F1, F2	F

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Electrical	LED lamp LED module LED luminaire	Electrical parameters - AC/DC Power - AC/DC Voltage - AC/DC Current - Power Factor - Frequency - Total harmonic distortion (THD)	EN 13032-4:2015+A1:2019 IES LM-79-24	Goniophotometer Gonio-spectroradiometer	F1, F2	F

1. Location of activity:

Location	Location
F	Conformity assessment activity is performed at the CABs fixed facility

2. Flex Code:
   F0- Fixed scope item. No deviations allowed to the line item as identified, except for updating to the most recent version of an accredited standard method after verification.
   F1- Laboratory has the capability to test a new item, material, matrix, or product similar in composition to item, material, matrix, or product identified on the scope
   F2- Laboratory has the capability to introduce the newest revision of an accredited authoritative standard method (with no modifications) identified on the scope
   F3- Laboratory has the capability to introduce a parameter/component/analyte to an accredited test method identified on the scope
   F4- Laboratory has the capability to introduce a new revision of an accredited non-standard method using the same technology or technique identified on the scope
   F5- Laboratory has the capability to introduce a validated method that is equivalent to an accredited method (using same technology or technique) identified on the scope