

EU DECLARATION OF CONFORMITY 2025
EU-KONFORMITÄTSERKLÄRUNG 2025
CONFORMITTE DE LA CE 2025
ELBRO AG – Gewerbestr. 14, 8155 Niederhasli

Hiermit erklären wir, dass das Produkt: /
We confirm that the product: /
Nous vous confirmons que ce produit :
Declare under our responsibility for the product(s):

Product Name:	LED Explosion Protected Linear Light
Product Model:	KLE1011 Series LED-EX-24, LED-EX-24/10 LED-EX-36, LED-EX-36/10 LED-EX-50, LED-EX-50/10
Ex-Marking:	 0081  II 2 G Ex eb mb IIC T5...T6 Gb  II 2 D Ex tb IIC T80°C Db

- Das (die) die bezeichnete (n) entspricht (entsprechen) den grundlegenden Anforderungen der folgenden europäischen Richtlinien und harmonisierten Normen:
- Le(s) produit(s) désigné(s) est (sont) conforme(s) aux exigences essentielles des directives européennes et des normes harmonisées suivantes :
- The designated product(s) is conformity with the essential requirements of the following European Directives and harmonized standards:

ATEX Directive, 2014/34/EU	
EN 60079-0:2018	Explosive atmospheres-Part 0: Equipment-General requirement
EN 60079-7:2015+A1:2018	Explosive atmospheres-Part 7: Equipment protection by increased safety 'e'
EN 60079-18:2015+A1:2017	Explosive atmospheres-Part 18: Equipment protection by encapsulation 'm'
EN 60079-31:2014	Explosive atmospheres-Part 31: Equipment dust ignition protection by enclosure 't'
Low Voltage Directive (LVD), 2014/35/EU	
EN 60598-1:2021+A11:2022	Luminaire-Part 1: General requirements and tests.
EN 60598-2-1:2021	Luminaire-Part 2-1: Particular requirements-Fixed general purpose luminaires
EN 62493:2015+A1:2022	Assessment of lighting equipment related to human exposure to electromagnetic field
Electromagnetic Compatibility Directive (EMC), 2014/30/EU	
EN 55015:2019+A11:2020	Limits (Limitation of voltage fluctuations and flicker in low-voltage supply systems for equipment with rate current $\leq 16A$)
EN 61547:2023	Equipment for general lighting purposes-EMC immunity requirements
EN 61000-3-2:2019+A1:2021	Limits for ($\leq 16A$ per phase) harmonic currents emission
EN 61000-3-3:2013+A1:2019+A2:2021	Limits (Limitation of voltage fluctuations and flicker in low-voltage supply systems for equipment with rate current $\leq 16A$)
The RoHS Directive 2011/65/EU and its amendment directives 2015/863/EU	
IEC 62321-3-1:2013	Screening-Lead, mercury, cadmium, total chromium and total bromine by X-ray fluorescence Spectrometry
IEC 62321-5:2013	Cadmium, lead and chromium in polymers and electronics and cadmium and lead in metals by AAS, AFS, ICP-OES and ICP-MS
IEC 62321-4:2013+AMD1:2017 CSV	Mercury in polymers, metals and electronics by CV-AAS, CV-AFS, ICP-OES and ICP-MS
IEC 62321-6:2015	Polybrominated biphenyls and polybrominated diphenyl ethers in polymers by gas chromatography-mass spectrometry (GC-MS)
IEC 62321-7-1:2015	Hexavalent chromium-Presence of hexavalent chromium (Cr(VI)) in colourless and coloured corrosion-protected coatings on metals by the colorimetric method
IEC 62321-7-2:2017	Hexavalent chromium-Determination of hexavalent chromium (Cr(VI)) in polymers and electronics by the colorimetric method
IEC 62321-8:2017	Determination of levels of six regulated substances (lead, mercury, cadmium, hexavalent chromium, polybrominated biphenyls, polybrominated diphenyl ethers)

Die oben genannte Firma hält Dokumentationen als Nachweis der Erfüllung der Sicherheitsziele und die wesentlichen Schutzanforderungen zu Einsicht bereit.
La société susmentionnée tient à disposition pour consultation la documentation prouvant que les objectifs de sécurité sont atteints et les principales exigences en matière de protection.
The above-mentioned company keeps documentation as proof of the fulfilment of the safety objectives and the essential protection requirements available for inspection.

Niederhasli 25.09.2025

ELBRO AG

CEO Christof Senk