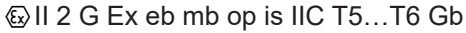



**EU-KONFORMITÄTSERKLÄRUNG 2021  
EC-DECLARATION OF CONFORMITY 2021 DECLARATION  
CONFORMITE DE LA CE 2021**

**ELBRO AG - Steinackerstrasse 5 - 8180 Bülach**

Hiermit erklären wir, dass das Produkt: /  
We confirm that the product: /  
Nous vous confirmons que ce produit:

Typ / Type / Type	LED-Explosionsschutztes Licht
Artikelnummer: / Numero d'article: / Article-number:	<b>LED-EX-24, LED-EX-24/10 LED-EX-30/40 LED-EX-36, LED-EX-36/10 LED-EX-50, LED-EX-50/10 LED-EX-60/40 LED-EX120/40</b>
Ex-Kennzeichnung: / Marquage Ex : / Ex marking:	<b>CE 0081</b>  

- Das (die) bezeichnete(n) Produkt(e) 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:

<b>ATEX Directive,2014/34/EU</b>	
EN 60079-0:2018 EN 60079-7:2015 EN 60079-18:2015 EN 60079-28:2015 EN 60079-31:2014	Explosive atmospheres-Part 0: Equipment-General requirement Explosive atmospheres-Part 7: Equipment protection by increased safety ,e' Explosive atmospheres-Part 18: Equipment protection by encapsulation ,m' Explosive atmospheres-Part 28: Protection of equipment and transmission systems using optical radiation Explosive atmospheres-Part 31: Equipment dust ignition protection by enclosure ,t'
<b>Low Voltage Directive (LVD),2014/35/EU</b>	
EN 60598-1:2015+A1:2018 EN 60598-2-1:1989 EN 62471:2008 EN 2008+A1:2013+A2:2015 EN 62493:2015	Luminaire-Part 1: General requirements and tests. Luminaire-Part 2-1: Particular Requirements-Fixed general-purpose luminaire Photobiological safety of lamps and lamp system LED modules for general lighting-Safety specifications Assessment of lighting equipment related to human exposure to electromagnetic field
<b>Electromagnetic Compatibility Directive (EMC),2014/30/EU</b>	
EN 55015:2013+A1:2015 EN 61547:2009 EN 61000-3-2:2014 EN 61000-3-3:2013	Limits. (Limitation of voltage fluctuations and flicker in low-voltage supply systems for equipment with rate current ≤ 16A) Equipment for general lighting purposes-EMC immunity requirements Limits for (≤ 16A per phase) harmonic currents emission Limits. (Limitation of voltage fluctuations and flicker in low-voltage supply systems for equipment with rate current ≤ 16A)
<b>The RoHS Directive e 2011/65/E and its amendment directives 2015/863/EU</b>	
IEC 62321-3-1:2013 IEC 62321-5:2013 IEC 62321-4:2013+AMD1:2017 CSV IEC 62321-6:2015 IEC 62321-7-1:2015  IEC 62321-7-2:2017 IEC 62321-8:2017	Screening-Lead, mercury, cadmium, total chromium, and total bromine by X-ray fluorescence spectrometry Cadmium, lead and chromium in polymers and electronics and cadmium and lead in metals by AAS, AFS, ICP-OES and ICP-MS Mercury in polymers, metals, and electronics by CV-AAS, CV-AFS, ICP-OES and ICP-MS Polybrominated biphenyls and polybrominated diphenyl ethers in polymers by gas chromatography-mass spectrometry (GC-MS) Hexavalent chromium-Presence of hexavalent chromium (Cr (VI)) in colorless and colored corrosion-protected coatings on metals by the colorimetric method Hexavalent chromium-Determination of hexavalent chromium (Cr (VI)) in polymers and electronics by the colorimetric method 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 zur 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.

Bülach 02.10.2023

ELBRO AG  
CEO  Christof Senk