




## 1) EU-TYPE EXAMINATION CERTIFICATE

- 2) Equipment or protective system intended for use in potentially explosive atmospheres — Directive 2014/34/EU
- 3) EU-Type Examination Certificate Number : **SCA24ATEX341X**
- 4) Equipment or Protective System : **LIN-EX Z2.21 Exproof LED Luminaire**  
Types: **LEX025U, LEX030U, LEX034U, LEX040U, LEX056U, LEX064U, LEX073U, LEX079U**
- 5) Manufacturer : **EAE Elektrik Aydınlatma End. San. Ve Tic. A.Ş.**
- 6) Manufacturer Address : **Organize Sanayi Bölgesi Mahallesi, 14 Sokak, Fabrika Binası (A+B+C Blok), No: 3/1, Dilovası - KOCAELİ/TÜRKİYE**
- 7) This equipment or protective system and/or any acceptable variation there to is specified in the schedule to this certificate and the documents therein referred to.
- 8) SCA Belgelendirme ve Özel Egt. Hizm. Ltd. Sti. Notified Body number 2336 in accordance with the Council Directive 2014/34/EU, certifies that this equipment has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of equipment or protective system intended for use in potentially explosive atmospheres given in 2014/34/EU.  
  
\* The examination and test results are recorded in the confidential report B/2024-04-055/Rp.02
- 9) Essential Health and Safety Requirements is made about reference standard.  
  
EN IEC 60079-0:2018 , EN 60079-31:2024
- 10) If the sign “X” is placed after the certificate number, it indicates that the equipment or protective system is subject to special conditions of safe use specified in the schedule to this certificate.
- 11) This EU-Type examination certificate relates only to the design and construction of the specified equipment or protective equipment in the scope of 2014/34/EU. Future requirements of the Directive applies to the production process and the provision of equipment or protective system. These are not discussed in this certificate.
- 12) Marking of the equipment or protective system must include the following :

 II 2D Ex tb IIIC T85°C Db

**The competent person**  
**SCA Technical Manager**  
**Emre KOCUKLU**



**Date of Approval : 29.01.2025**

SCA Belgelendirme ve Özel Eğitim Hizmetleri Ltd. Şti.  
Küçükçiftliği Mah. 8785/1 Sokak No:17 Çiğli -İZMİR / TÜRKİYE  
Phone: 0090 (232) 489 02 12 Fax: 0090 (232) 489 02 17  
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### 13) SCHEDULE

14) EU-Type Examination Certificate: SCA24ATEX341X

15) Description of Equipment and/or Protective System:

The LEX Series Exproof LED Luminaire is designed for using in an explosive atmosphere. The equipment is mainly composed of aluminum profile enclosure, polycarbonate opal diffuser and end caps, driver, terminals, LED lamp board, emergency kit and batteries. The enclosure and diffuser sealed with strip gasket and end caps mounted on each side of the enclosure that are sealed with silicone gaskets.

#### Technical Parameters

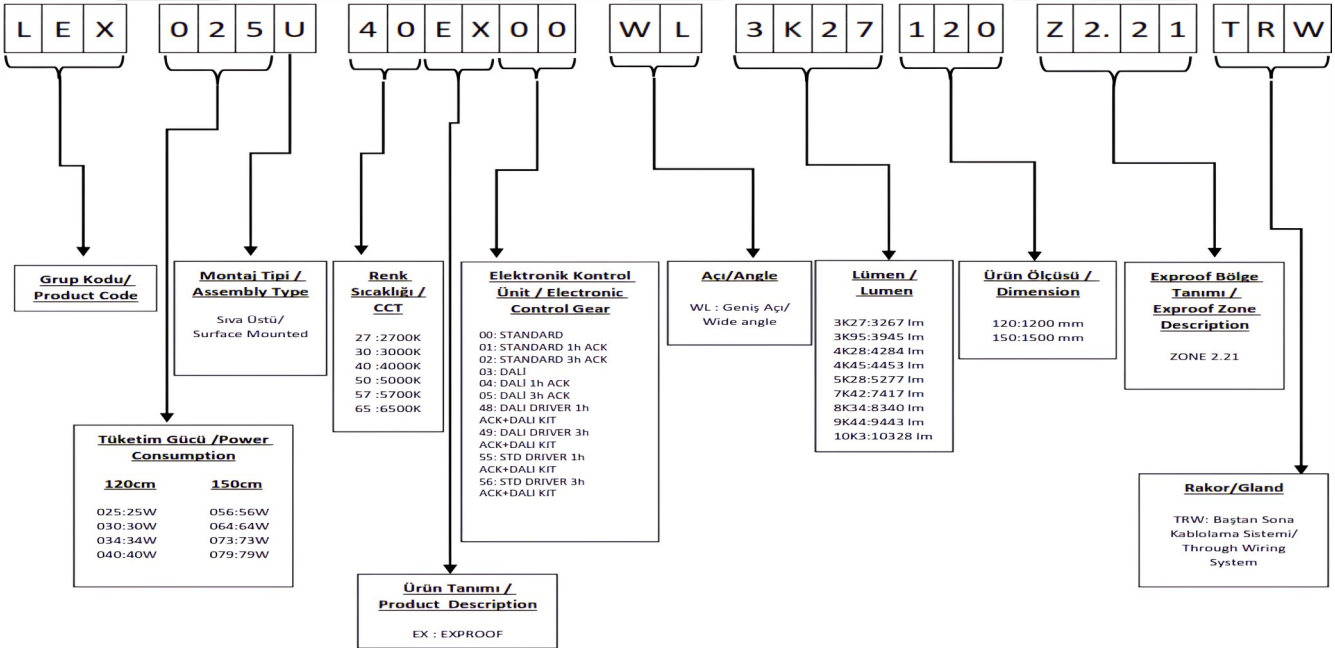
Rated voltage : 220-240 V

Rated frequency : 50/60 Hz

Rated power : 25 W/30 W/34 W/40 W (For 120 cm length)  
56 W/64 W/73 W/79 W (For 150 cm length)

Ambient temperature : 0 °C to +35 °C/+40 °C/+45 °C/+55 °C/+65 °C (See Section 17 of this certificate)

#### Identification of Type Codes



ACK: Acil Durum Kitli  
EMK: With Emergency Kit

The competent person  
SCA Technical Manager  
Emre KOCUKLU

Date of Approval : 29.01.2025



## CONTINUATION OF SCHEDULE TO EU TYPE EXAMINATION CERTIFICATE SCA24ATEX341X

16) **Test and Assessment Report** B/2024-04-055/Rp.02

17) **Special Conditions for Safe Use (X):**

- i. End users shall use Ex-certified cable glands and blanking elements with suitable type of protection for installation purpose. Minimum degree of protection shall be IP 66 in accordance with EN 60529.
- ii. The equipment shall be installed in a way that is not exposed to any electrostatic charging mechanisms. Cleaning is permitted only with a damp cloth.
- iii. Clean the luminaire regularly to prevent dust accumulation.
- iv. Ambient temperature range depends on the model variations. The manufacturer shall write ambient temperature range on the nameplate.
- v. In the event of installation, disassembly, maintenance or repair, the gaskets shall be checked and replaced if found degraded. Contact the manufacturer for information on gaskets.

18) **Essential Health and safety Requirements :**

Met by compliance with the standards listed in Section 9 of this certificate.

19) **Drawing and Documents :**

Technical file 2024-EAE1-01/Rev.00 dated 05.06.2024 includes drawings, safety, maintenance and mounting instructions.

Drawing No	Title	Pages	Rev.	Date
1046005. R0	PCB ETJ 108 SMS ALM V466	1	0	28.02.2024
1047689. R0	PCB ETJ 66 SMS ALM V366	1	0	28.02.2024
1047690. R0	PCB ETJ 78 SMS ALM V366	1	0	28.02.2024
1058146 R1	LINEX Z2 PLASTIC HEAD GROUP	1	1	24.10.2024
1058147 R0	LINEX Z2 BODY GROUP L120	1	0	16.02.2024
1058148 R0	LINEX Z2 BODY GROUP L150	1	0	16.02.2024
2171163 R1	LINEX Z2 PLASTIC HEAD GROUP 3 GİRİŞLİ	1	1	24.10.2024
2171165 R1	LINEX Z2 PLASTIC HEAD GROUP 5 GİRİŞLİ	1	1	24.10.2024
2171167 R1	LINEX Z2 PLASTIC HEAD GROUP 7 GİRİŞLİ	1	1	24.10.2024
2171524 R0	LINEX Z2 SÜRÜCÜ SACI ON-OFF DALI	1	0	16.02.2024

**The competent person**  
SCA Technical Manager  
Emre KOCUKLU

**Date of Approval : 29.01.2025**



## CONTINUATION OF SCHEDULE TO EU TYPE EXAMINATION CERTIFICATE SCA24ATEX341X

Drawing No	Title	Pages	Rev.	Date
2171525 R0	LINEX Z2 SÜRÜCÜ SACI ACK	1	0	16.02.2024
2171526 R1	LINEX Z2 METAL ETİKET	1	1	24.10.2024
2171528 R0	LINEX Z2 PCB TK 2x33 66 LED 4000K	1	0	22.02.2024
2171529 R0	LINEX Z2 SÜRÜCÜ SACI ACK TRW L120	1	0	16.02.2024
2171532 R0	LINEX Z2 SÜRÜCÜ SACI ACK TRW L150	1	0	16.02.2024
2171534 R0	LINEX Z2 TRW SACI ON-OFF DALI	1	0	16.02.2024
2171535 R1	LINEX Z2 ACK METAL ETİKET	1	1	24.10.2024
2171536 R0	LINEX Z2 PCB TK 2x54 108 LED 4000K	1	0	22.02.2024
2171537 R0	LINEX Z2 PCB TK 2x39 78 LED 4000K	1	0	28.02.2024
2186789 R0	LINEX Z2 KLEMENS RAYI	1	0	17.05.2024
2186790 R0	LINEX ACK LED SACI	1	0	17.05.2024
3330080 R1	LEX 025U 40EX00 WL 3K27 120 Z2.21	1	1	24.10.2024
3330085 R1	LEX 025U 40EX05 WL 3K27 120 Z2.21	1	1	24.10.2024
3330150 R1	LEX 079U 40EX00 WL 10K3 150 Z2.21	1	1	24.10.2024
3330155 R1	LEX 079U 40EX05 WL 10K3 150 Z2.21	1	1	24.10.2024
3330165 R1	LEX 025U 40EX05 WL 3K27 120 Z2.21 TRW	1	1	24.10.2024
3330230 R1	LEX 079U 40EX00 WL 10K3 150 Z2.21 TRW	1	1	24.10.2024
3330237 R1	LEX 079U 40EX49 WL 10K3 150 Z2.21 TRW	1	1	24.10.2024
EAE-A-24-221-001-R0	LINEX Z2 ALM PROFILE L120	1	0	22.02.2024
EAE-A-24-221-002-R0	LINEX Z2 PC OPAL L120 DIFFUSER	1	0	22.02.2024
EAE-A-24-221-003-R0	LINEX Z2 STRIP GASKET L120	1	0	22.02.2024
EAE-A-24-221-004-R0	LINEX Z2 ALM PROFILE L150	1	0	22.02.2024
EAE-A-24-221-005-R0	LINEX Z2 PC OPAL L150 DIFFUSER	1	0	22.02.2024
EAE-A-24-221-006-R0	LINEX Z2 STRIP GASKET L150	1	0	22.02.2024
EAE-A-24-221-007-R0	LINEX Z2 ASKI YAYI	1	0	23.02.2024

**The competent person**  
**SCA Technical Manager**  
**Emre KOCUKLU**

**Date of Approval : 29.01.2025**

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This Certificate May Only Be Reproduced In Its Entirety And Without Change



## CONTINUATION OF SCHEDULE TO EU TYPE EXAMINATION CERTIFICATE SCA24ATEX341X

Drawing No	Title	Pages	Rev.	Date
EAE-A-24-221-008-R0	LINEX Z2 PLASTIC HOUSING	1	0	23.02.2024
EAE-A-24-221-009-R1	LINEX Z2 PLASTIC CAP	1	1	24.10.2024
EAE-A-24-221-010-R0	LINEX Z2 HOUSING GASKET	1	0	23.02.2024
EAE-A-24-221-011-R0	LINEX Z2 CAP SILICONE GASKET	1	0	26.02.2024
EAE-A-24-221-012-R1	LINEX Z2 PLASTIC BUCKLE	1	1	24.10.2024
EAE-A-24-221-013-R0	LINEX Z2 BUCKLE FIXING PART	1	0	26.02.2024
EAE-A-24-221-014-R0	LINEX Z2 HOUSING MONTING SCREW	1	0	26.02.2024
EAE-A-24-221-015-R0	LINEX Z2 M5x8 INOX SCREW FOR PLASTIC MOUNTING	1	0	26.02.2024
EAE-A-24-221-016-R1	LEX 025U 40EX00 WL 3K27 120 Z2.21	1	1	24.10.2024
EAE-A-24-221-017-R1	LEX 025U 40EX05 WL 3K27 120 Z2.21	1	1	24.10.2024
EAE-A-24-221-018-R1	LEX 079U 40EX03 WL 10K3 150 Z2.21	1	1	24.10.2024
EAE-A-24-221-019-R1	LEX 025U 40EX05 WL 3K27 120 Z2.21 TRW	1	1	24.10.2024
EAE-A-24-221-021-R0	LINEX BAĞLANTI ELEMANLARI	1	0	30.05.2024

...END OF CERTIFICATE...

**The competent person**  
SCA Technical Manager  
Emre KOCUKLU

Date of Approval : 29.01.2025

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## TYPE EXAMINATION CERTIFICATE

- 1)
- 2) Equipment or protective system intended for use in potentially explosive atmospheres — Directive 2014/34/EU
- 3) Type Examination Certificate Number : **SCA24ATEXV048X**
- 4) Equipment or Protective System : **LIN-EX Z2.21 Exproof LED Luminaire**  
Types: **LEX025U, LEX030U, LEX034U, LEX040U, LEX056U, LEX064U, LEX073U, LEX079U**
- 5) Manufacturer : **EAE Elektrik Aydınlatma Enc. San. Ve Tic. A.Ş.**
- 6) Manufacturer Address : **Organize Sanayi Bölgesi Mahallesi, 14 Sokak, Fabrika Binası (A+B+C Blok), No: 3/1, Dilovası - KOCAELİ/TÜRKİYE**
- 7) Equipment and any acceptable variation thereto are specified in the schedule to this certificate and the documents therein referred to.
- 8) SCA Belgelendirme ve Özel Eğt. Hizm. Ltd. Şti. Certifies that this equipment has been found to comply with the Essential Health and Safety Requirements that relate to the design of Category 3 equipment, which is intended for use in potentially explosive atmospheres. These Essential Health and Safety Requirements are given in Annex II to European Union Directive 2014/34/EU of the European Parliament and of the Council, 26 February 2014.  
The examination and test results are recorded in the confidential report V/2024-04-070/Rp.02
- 9) Essential Health and Safety Requirements is made about reference standards.  
  
EN IEC 60079-0:2018 , EN 60079-7:2015/A1:2018
- 10) If the sign “X” is placed after the certificate number, it indicates that the equipment or protective system is subject to special conditions of safe use specified in the schedule to this certificate.
- 11) Type Examination Certificate relates only to the design of the specified equipment, and not to specific items of equipment subsequently manufactured.
- 12) Marking of the equipment or protective system must include the following :



**II 3G Ex ec IIC T6 Gc**

**The competent person**  
**SCA Technical Manager**  
**Emre KOCUKLU**

**Date of Approval : 29.01.2025**

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### 13) SCHEDULE

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15) Description of Equipment and/or Protective System:

The LEX Series Exproof LED Luminaire is designed for using in an explosive atmosphere. The equipment is mainly composed of aluminum profile enclosure, polycarbonate opal diffuser and end caps, driver, terminals, LED lamp board, emergency kit and batteries. The enclosure and diffuser sealed with strip gasket and end caps mounted on each side of the enclosure that are sealed with silicone gaskets.

#### Technical Parameters

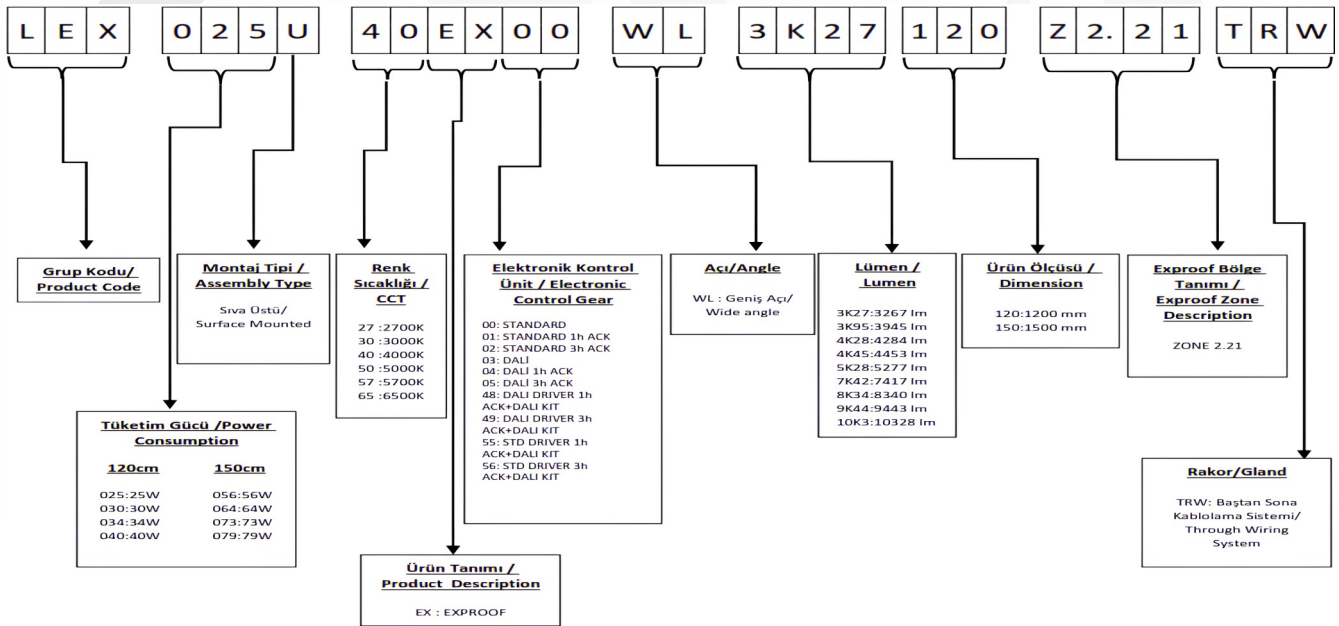
Rated voltage : 220-240 V

Rated frequency : 50/60 Hz

Rated power : 25 W/30 W/34 W/40 W (For 120 cm length)  
56 W/64 W/73 W/79 W (For 150 cm length)

Ambient temperature : 0 °C to +35 °C/+40 °C/+45 °C/+55 °C/+65 °C (See Section 17 of this certificate)

#### Identification of Type Codes



ACK: Acil Durum Kitli  
EMK: With Emergency Kit

**The competent person**  
SCA Technical Manager  
Emre KOCUKLU

Date of Approval : 29.01.2025



## CONTINUATION OF SCHEDULE TO EU TYPE EXAMINATION CERTIFICATE SCA24ATEXV048X

16) **Test and Assessment Report** V/2024-04-070/Rp.02

17) **Special Conditions for Safe Use (X):**

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- The equipment shall be installed in a way that is not exposed to any electrostatic charging mechanisms. Cleaning is permitted only with a damp cloth.
- Ambient temperature range depends on the model variations. The manufacturer shall write ambient temperature range on the nameplate.
- In the event of installation, disassembly, maintenance or repair, the gaskets shall be checked and replaced if found degraded. Contact the manufacturer for information on gaskets.

18) **Essential Health and safety Requirements :**

Met by compliance with the standards listed in Section 9 of this certificate.

19) **Drawing and Documents :**

Technical file 2024-EAE1-02/Rev.00 dated 04.06.2024 includes drawings, safety, maintenance and mounting instructions.

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1047690. R0	PCB ETJ 78 SMS ALM V366	1	0	28.02.2024
1058146 R1	LINEX Z2 PLASTIC HEAD GROUP	1	1	24.10.2024
1058147 R0	LINEX Z2 BODY GROUP L120	1	0	16.02.2024
1058148 R0	LINEX Z2 BODY GROUP L150	1	0	16.02.2024
2171163 R1	LINEX Z2 PLASTIC HEAD GROUP 3 GİRİŞLİ	1	1	24.10.2024
2171165 R1	LINEX Z2 PLASTIC HEAD GROUP 5 GİRİŞLİ	1	1	24.10.2024
2171167 R1	LINEX Z2 PLASTIC HEAD GROUP 7 GİRİŞLİ	1	1	24.10.2024
2171524 R0	LINEX Z2 SÜRÜCÜ SACI ON-OFF DALI	1	0	16.02.2024

**The competent person**  
SCA Technical Manager  
Emre KOCUKLU

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2171528 R0	LINEX Z2 PCB TK 2x33 66 LED 4000K	1	0	22.02.2024
2171529 R0	LINEX Z2 SÜRÜCÜ SACI ACK TRW L120	1	0	16.02.2024
2171532 R0	LINEX Z2 SÜRÜCÜ SACI ACK TRW L150	1	0	16.02.2024
2171534 R0	LINEX Z2 TRW SACI ON-OFF DALI	1	0	16.02.2024
2171535 R1	LINEX Z2 ACK METAL ETİKET	1	1	24.10.2024
2171536 R0	LINEX Z2 PCB TK 2x54 108 LED 4000K	1	0	22.02.2024
2171537 R0	LINEX Z2 PCB TK 2x39 78 LED 4000K	1	0	28.02.2024
2186789 R0	LINEX Z2 KLEMENS RAYI	1	0	17.05.2024
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3330085 R1	LEX 025U 40EX05 WL 3K27 120 Z2.21	1	1	24.10.2024
3330150 R1	LEX 079U 40EX00 WL 10K3 150 Z2.21	1	1	24.10.2024
3330155 R1	LEX 079U 40EX05 WL 10K3 150 Z2.21	1	1	24.10.2024
3330165 R1	LEX 025U 40EX05 WL 3K27 120 Z2.21 TRW	1	1	24.10.2024
3330230 R1	LEX 079U 40EX00 WL 10K3 150 Z2.21 TRW	1	1	24.10.2024
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EAE-A-24-221-002-R0	LINEX Z2 PC OPAL L120 DIFFUSER	1	0	22.02.2024
EAE-A-24-221-003-R0	LINEX Z2 STRIP GASKET L120	1	0	22.02.2024
EAE-A-24-221-004-R0	LINEX Z2 ALM PROFILE L150	1	0	22.02.2024
EAE-A-24-221-005-R0	LINEX Z2 PC OPAL L150 DIFFUSER	1	0	22.02.2024
EAE-A-24-221-006-R0	LINEX Z2 STRIP GASKET L150	1	0	22.02.2024
EAE-A-24-221-007-R0	LINEX Z2 ASKI YAYI	1	0	23.02.2024

**The competent person**  
SCA Technical Manager  
Emre KOCUKLU

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## CONTINUATION OF SCHEDULE TO EU TYPE EXAMINATION CERTIFICATE SCA24ATEXV048X

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EAE-A-24-221-010-R0	LINEX Z2 HOUSING GASKET	1	0	23.02.2024
EAE-A-24-221-011-R0	LINEX Z2 CAP SILICONE GASKET	1	0	26.02.2024
EAE-A-24-221-012-R1	LINEX Z2 PLASTIC BUCKLE	1	1	24.10.2024
EAE-A-24-221-013-R0	LINEX Z2 BUCKLE FIXING PART	1	0	26.02.2024
EAE-A-24-221-014-R0	LINEX Z2 HOUSING MONTING SCREW	1	0	26.02.2024
EAE-A-24-221-015-R0	LINEX Z2 M5x8 INOX SCREW FOR PLASTIC MOUNTING	1	0	26.02.2024
EAE-A-24-221-016-R1	LEX 025U 40EX00 WL 3K27 120 Z2.21	1	1	24.10.2024
EAE-A-24-221-017-R1	LEX 025U 40EX05 WL 3K27 120 Z2.21	1	1	24.10.2024
EAE-A-24-221-018-R1	LEX 079U 40EX03 WL 10K3 150 Z2.21	1	1	24.10.2024
EAE-A-24-221-019-R1	LEX 025U 40EX05 WL 3K27 120 Z2.21 TRW	1	1	24.10.2024
EAE-A-24-221-021-R0	LINEX BAĞLANTI ELEMANLARI	1	0	30.05.2024

...END OF CERTIFICATE...

**The competent person**  
SCA Technical Manager  
Emre KOCUKLU

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