EMFA

Where design, manufacturing, electronics and material expertise meet to create light.



EMFA

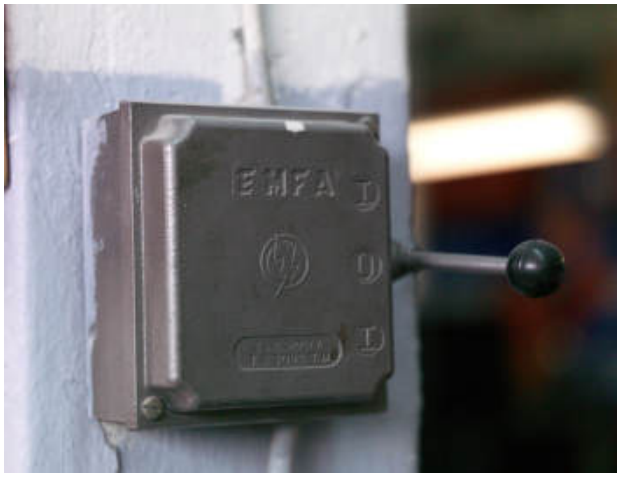
Light extends the day.

A garden, a building, a road — at nightfall each one disappears. The right light brings it back, and the hours a place can be used no longer end with the daylight.

EMFA A.Ş. was founded in 1958 and has been run by the same family for three generations. Its founder, Andon Kasapoğlu, ran the Istanbul trading house that first brought Bakelite to Turkey — thermoset pressing is still one of EMFA's own production steps today.

Almost every part of an EMFA fixture is made by EMFA. Casting, tooling, machining, surface treatment and assembly all happen in-house, which is why EMFA can change a detail for a single project and still deliver in weeks.



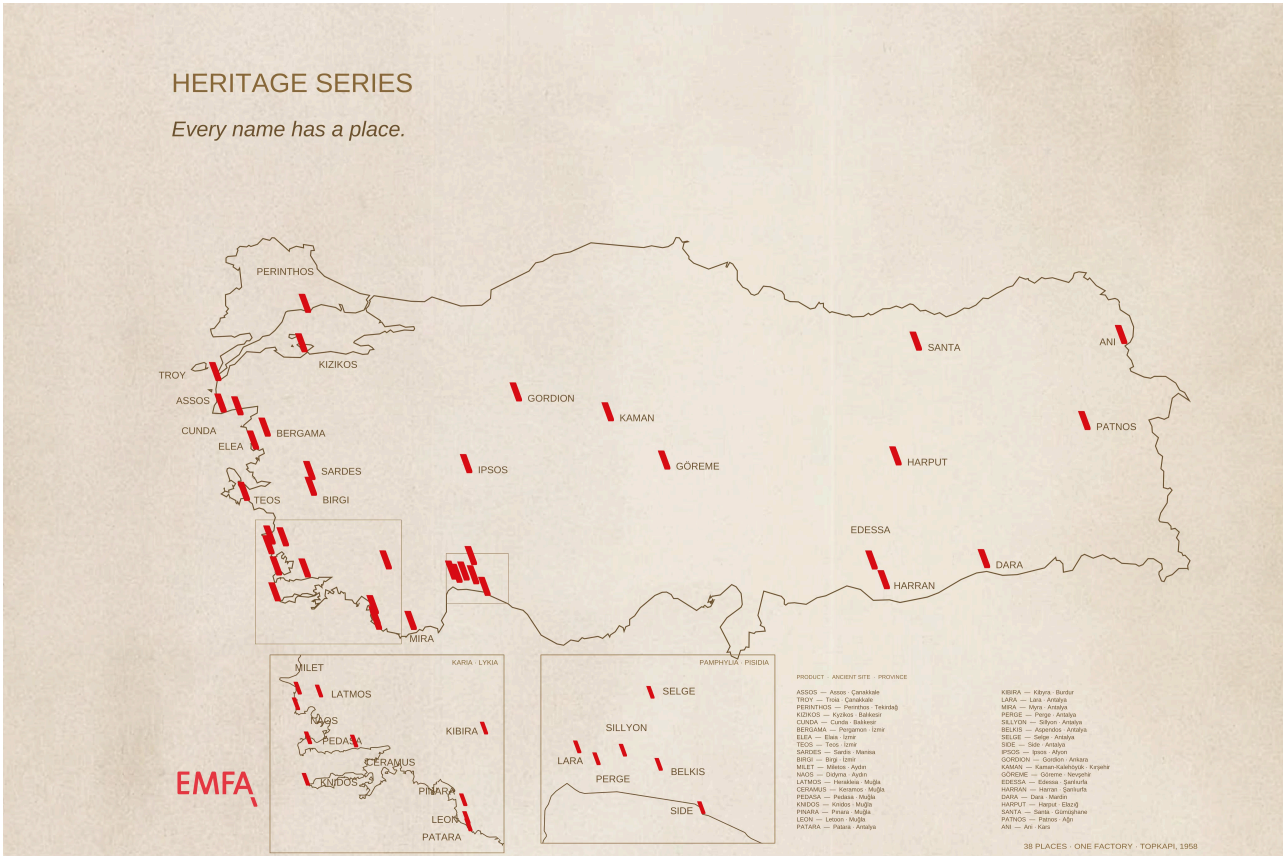


Certification

Built and tested to the EN 60598 series; CB certificates and the CE mark. Management systems to ISO 9001, 14001, 45001 and 10002.

Where the names come from

Milet, Knidos, Assos, Gordion, Perge, Sardes, Kibyra. These are the names of EMFA's product families, and every one belongs to an ancient city of Anatolia. By giving each family the name of a city, EMFA keeps that place present in the work being done today.



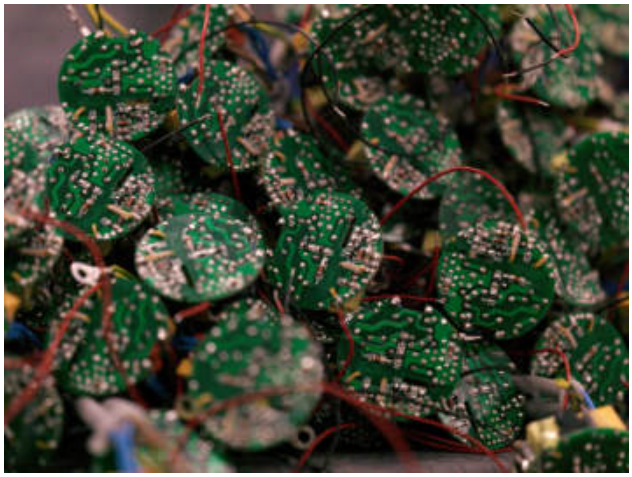
“The light of the ancient civilisations shines on the world through EMFA.”

ENGINEERING

Form follows function — and physics

An LED is not a lamp. A fixture designed for a halogen source and then fitted with an LED will run hot, and heat is what shortens an LED's life. In a sealed IP67 or IP68 fixture there is only one way out for that heat: through the metal the LED touches.

So EMFA starts from the thermal path. LEDs are mounted on metal-core PCBs, bonded to the die-cast aluminium body, and the whole fixture works as a heat sink. Every fixture is designed to hold its values at 50 °C ambient — verified in EMFA's own laboratory, not taken from a datasheet.





Light quality

- Colour consistency within 3-step MacAdam
- CRI ≥ 80 standard, ≥ 90 on request
- 2700 K, 3000 K, 4000 K, 6000 K, plus amber, blue, green, red and RGB
- Photometric files (IES / LDT) measured in-house for every fixture

CUSTOMISATION

Made to suit the project

Every fixture in this catalogue can be altered to suit the project. At EMFA this is not an exception but the ordinary way of working.

Each fixture can be produced in one of 6 standard paint colours or in any RAL tone. To this are added 3 stainless steel finishes, 8 LED colours, 2 wattages and 5 or more lenses and reflectors. Where a project goes beyond the catalogue, trims, bodies, cable lengths and optics are modified as well.

Because tooling, casting and machining are done in EMFA's own factories, these changes are practical at project scale, not only for large production runs.





Standard RAL colours

EMFA Anthracite and the six RAL colours below are stocked for all exterior ranges. Powder coated.

Any other RAL Classic colour is available on request. Lead time and minimum quantity on quotation.

To order, add the RAL number to the product code, e.g. 180101-7016.

EMFA finish



EMFA Anthracite
Metallic · textured
Developed for EMFA. No RAL equivalent.

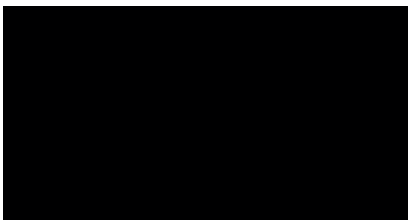
Standard RAL



RAL 7039
Quartz grey



RAL 7016
Anthracite grey



RAL 9005
Jet black

RAL 9016
Traffic white



RAL 6013
Reed green



RAL 8014
Sepia brown

Printed colours are indicative. Confirm with a physical sample.

SUSTAINABILITY

EMFA runs on its own sunlight.

EMFA owns a solar power plant in Kırşehir that generates an average of 1,000 MWh a year — roughly twice the combined electricity consumption of its two factories. Through net metering, all of the factories' electricity comes from that plant, and the surplus is fed back into the grid.



Long life by design

EMFA fixtures are built from die-cast aluminium and 316L stainless steel, sealed to IP67 and IP68, with LEDs kept cool by design. Many installed decades ago are still in service, and EMFA supplies parts long after production ends.

Certified management

ISO 14001 and ISO 45001 run alongside ISO 9001 and ISO 10002.



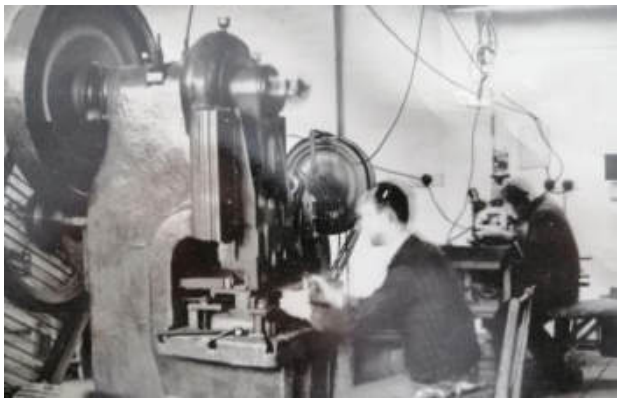
MANUFACTURING

Two factories, one workflow

EMFA manufactures in Istanbul and in Tekirdağ, with a combined 15,000 m² of production area and around 75 people. Short lead times and one-off modifications are possible because design, tooling, casting, machining, finishing, electronics and the photometric laboratory all sit in EMFA's own plants.







Milestones

1940 Andon Kasapoğlu establishes Bakalit, the Istanbul trading house that first brings Bakelite to Turkey, and begins producing electrical components.

1958 Andon Kasapoğlu founds EMFA.

1975 Rokos Kasapoğlu, the second generation, joins EMFA.

1976 The first lighting fixture.

1979 Investment in aluminium die-casting.

1984 Lighting becomes EMFA's main business.

1990 Electrostatic painting plant: any RAL colour, in-house.

1996 The first LED fixture.

2005 CNC machining opens the way to small-batch production.

2012 Adnan Kasapoğlu, the third generation, joins EMFA.

2013 In-house photometric laboratory.

2020 A 10,000 m² facility opens in Malkara, Tekirdağ; laser cutting follows in 2021.

2025 The solar plant in Kırşehir comes online.

REFERENCES

Where EMFA is installed

EMFA exports to more than 40 countries. A selection of projects:

Zorlu Center Istanbul
Palmarina Bodrum
Mall of Istanbul Istanbul
Spine Tower Istanbul
Port Alaçatı Marina İzmir
JW Marriott Marquis Hotel Dubai
JW Marriott Absheron Hotel Baku
Jeju Global Education City Jeju
University of the West of England Bristol
Rixos Tersane Istanbul
Four Seasons Hotel Bosphorus Istanbul
Radisson Blu Hotel Çeşme
Galataport Istanbul
Cullinan Hotel Antalya
Lara Barut Antalya
Yerebatan Sarnıcı Istanbul
Watergarden Istanbul
Papillon Zeugma Hotel Antalya
Uniq Istanbul
Hyde Hotel Bodrum
Akra Hotel Antalya
Ela Quality Hotel Antalya
Maxx Royal Bodrum
ADNOC Abu Dhabi
Büyükyalı Istanbul
Mandarin Oriental Bosphorus Istanbul
Aviva Stadium Dublin
Argos in Cappadocia Nevşehir
The Ritz-Carlton Istanbul
Mövenpick Hotel Istanbul Asia Istanbul



EMFA

EMFA Elektrik Malzeme Fabrikası A.Ş.
Istanbul Davutpaşa Cd. Cebealibey Sk. No. 18, 34010 Topkapı / İstanbul — TÜRKİYE
Tekirdağ Çavuşköy Mah. Arda Cad. No. 18, 59300 Malkara / Tekirdağ — TÜRKİYE
T +90 212 482 29 62 · E emfa@emfa.com.tr · emfa.com.tr

Catalogue 2027 · Photometric files, installation drawings and datasheets: emfa.com.tr. Specifications are subject to change without notice. Lumen values measured in EMFA's photometric laboratory, 2026.

documents



GCR CERT

CERTIFICATE

EMFA ELEKTRİK MALZEME FABRİKASI ANONİM ŞİRKETİ

DAVUTPAŞA CADDESİ CEBE ALİBEY SOKAK NO:18
TOPKAPI / ZEYTİNBURNU / İSTANBUL / İSTANBUL

In recognition of the organization's Management System which complies with

ISO 45001:2018

The scope of activities covered by this certificate is defined below

PRODUCTION AND SALES OF OUTDOOR AND INDOOR LIGHTING PRODUCTS

DIŞ VE İÇ MEKAN AYDINLATMA ÜRÜNLERİ ÜRETİMİ VE SATIŞI

Certificate Number : GCR/CERT-03.2025.004201
Certificate Issue Date : 15.03.2025
Certificate Validity : 14.03.2026

Abimanyu Gaurav
Approval



IQR

CERTIFICATE

EMFA ELEKTRİK MALZEME FABRİKASI ANONİM ŞİRKETİ

DAVUTPAŞA CADDESİ CEBE ALİBEY SOKAK NO:18
TOPKAPI / ZEYTİNBURNU/ İSTANBUL / TÜRKİYE

Has been assessed and found to comply with the requirements of:
Denetlenmiş ve aşağıdaki standardın gerekliliklerine uygunluğu görülmüştür:

ISO 14001:2015

The Environmental Management System is applicable to:
Çevre Yönetim Sistemi:

PRODUCTION AND SALES OF OUTDOOR AND INDOOR LIGHTING PRODUCTS

DIŞ VE İÇ MEKAN AYDINLATMA ÜRÜNLERİ ÜRETİMİ VE SATIŞI

Certificate Number: EMS-006728
Belge Numarası: EMS-006728

Initial Certification Date: 15.03.2025
İlk Belgelendirme Tarihi: 15.03.2025

Certification Period: 3 Years
Belgelendirme Periyodu: 3 Yıl

Certificate Validity Date: 14.03.2026
Belge Geçerlilik Tarihi: 14.03.2026

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IQR ULUSLARARASI BELGELENDİRME HİZMETLERİ LTD.ŞTİ.



GCR CERT

CERTIFICATE

EMFA ELEKTRİK MALZEME FABRİKASI ANONİM ŞİRKETİ

DAVUTPAŞA CADDESİ CEBE ALİBEY SOKAK NO:18
TOPKAPI / ZEYTİNBURNU / İSTANBUL / İSTANBUL

In recognition of the organization's Management System which complies with

ISO 10002:2018

The scope of activities covered by this certificate is defined below

PRODUCTION AND SALES OF OUTDOOR AND INDOOR LIGHTING PRODUCTS

DIŞ VE İÇ MEKAN AYDINLATMA ÜRÜNLERİ ÜRETİMİ VE SATIŞI

Certificate Number : GCR/CERT-03.2025.004200
Certificate Issue Date : 15.03.2025
Certificate Validity : 14.03.2026

Abimanyu Gaurav
Approval



IQR

CERTIFICATE

EMFA ELEKTRİK MALZEME FABRİKASI ANONİM ŞİRKETİ

DAVUTPAŞA CADDESİ CEBE ALİBEY SOKAK NO:18
TOPKAPI / ZEYTİNBURNU/ İSTANBUL / TÜRKİYE

Has been assessed and found to comply with the requirements of:
Denetlenmiş ve aşağıdaki standardın gerekliliklerine uygunluğu görülmüştür:

ISO 9001:2015

The Quality Management System is applicable to:
Kalite Yönetim Sistemi:

PRODUCTION AND SALES OF OUTDOOR AND INDOOR LIGHTING PRODUCTS

DIŞ VE İÇ MEKAN AYDINLATMA ÜRÜNLERİ ÜRETİMİ VE SATIŞI

Certificate Number: QMS-006728
Belge Numarası: QMS-006728

Initial Certification Date: 15.03.2025
İlk Belgelendirme Tarihi: 15.03.2025

Certification Period: 3 Years
Belgelendirme Periyodu: 3 Yıl

Certificate Validity Date: 14.03.2026
Belge Geçerlilik Tarihi: 14.03.2026

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IQR ULUSLARARASI BELGELENDİRME HİZMETLERİ LTD.ŞTİ.

documents

TÜRK STANDARDLARI ENSTİTÜSÜ
TÜRK STANDARDLARINA UYGUNLUK BELGESİ
TURKISH STANDARDS INSTITUTION
CERTIFICATE OF CONFORMITY TO TURKISH STANDARDS

Markanın Tanımı / Description of the Mark: TSE veya/or TSE veya/or TSE

BELGE NUMARASI *REFERENCE NUMBER OF LICENCE*	000058-TSE-02/04
BELGENİN İLK VERİLİŞ TARİHİ *DATE OF FIRST ISSUE OF LICENCE*	24.04.2013
BELGENİN SON GEÇERLİLİK TARİHİ *LICENCE VALID UNTIL*	30.03.2026
BELGE SAHİBİ KURULUŞUN ADI *NAME OF THE LICENCE HOLDER*	EMFA ELEKTRİK MALZEME FABRİKASI ANONİM ŞİRKETİ
BELGE SAHİBİ KURULUŞUN ADRESİ *ADRESS OF THE LICENCE HOLDER*	MALTEPE MAH. CEBE ALİ BEY SK. /18 NO:1 ZEYTİNBURNU İSTANBUL/TÜRKİYE
ÜRETİM YERİ ADI *NAME OF THE MANUFACTURING PLACE*	EMFA ELEKTRİK MALZEME FABRİKASI ANONİM ŞİRKETİ
ÜRETİM YERİ ADRESİ *ADRESS OF THE MANUFACTURING PLACE*	DAVUTPAŞA CAD. CEBEALİBEY SOK. NO:18 34020 TOPKAPI İSTANBUL / TÜRKİYE
İPTAL EDİLEN BELGE NUMARASI (Varsa) *INDICATION OF SUPERSEDED LICENCE (if any)*	000058-TSE-02/03
TESCİLLİ TİCARİ MARKASI *REGISTERED TRADE MARK*	EMFA
İLGİLİ TÜRK STANDARDI *RELATED TURKISH STANDARD*	TS EN IEC 60598-2-1 / 30.09.2021 -- TS EN IEC 60598-1 / 12.04.2021 -- TS EN IEC 60598-1/A11 / 28.04.2022
BELGE KAPSAMI *SCOPE OF LICENCE*	-Belkıs Model, 220-230 V, 50-60 Hz., I Sınıfı, IP 67, 36 W LEDli Genel Amaçlı Sabit Aydınlatma Armatürü (K.G.: 21.02.2022)

e-imzalı/e-signed
08.07.2025
Belgelendirme Merkezi Başkanı Adına
AKDOĞAN BULUT
İSTANBUL BELGELENDİRME MÜDÜRÜ V.

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Markanın Tanımı / Description of the Mark: TSE veya/or TSE veya/or TSE

BELGE NUMARASI *REFERENCE NUMBER OF LICENCE*	000058-TSE-01/05
BELGENİN İLK VERİLİŞ TARİHİ *DATE OF FIRST ISSUE OF LICENCE*	08.04.2001
BELGENİN SON GEÇERLİLİK TARİHİ *LICENCE VALID UNTIL*	30.03.2026
BELGE SAHİBİ KURULUŞUN ADI *NAME OF THE LICENCE HOLDER*	EMFA ELEKTRİK MALZEME FABRİKASI ANONİM ŞİRKETİ
BELGE SAHİBİ KURULUŞUN ADRESİ *ADRESS OF THE LICENCE HOLDER*	MALTEPE MAH. CEBE ALİ BEY SK. /18 NO:1 ZEYTİNBURNU İSTANBUL/TÜRKİYE
ÜRETİM YERİ ADI *NAME OF THE MANUFACTURING PLACE*	EMFA ELEKTRİK MALZEME FABRİKASI ANONİM ŞİRKETİ
ÜRETİM YERİ ADRESİ *ADRESS OF THE MANUFACTURING PLACE*	DAVUTPAŞA CAD. CEBEALİBEY SOK. NO:18 34020 TOPKAPI İSTANBUL / TÜRKİYE
İPTAL EDİLEN BELGE NUMARASI (Varsa) *INDICATION OF SUPERSEDED LICENCE (if any)*	000058-TSE-01/04
TESCİLLİ TİCARİ MARKASI *REGISTERED TRADE MARK*	EMFA
İLGİLİ TÜRK STANDARDI *RELATED TURKISH STANDARD*	TS EN IEC 60598-2-18 / 30.09.2022 -- TS EN IEC 60598-1/A11 / 28.04.2022
BELGE KAPSAMI *SCOPE OF LICENCE*	-Atlantis Model, 12-24 V d.c., III Sınıfı, IP 68, 30 W LEDli Havuz Aydınlatma Armatürü (K.G.:20.12.2021)

e-imzalı/e-signed
08.07.2025
Belgelendirme Merkezi Başkanı Adına
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TÜRK STANDARDLARINA UYGUNLUK BELGESİ
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Markanın Tanımı / Description of the Mark: TSE veya/or TSE veya/or TSE

BELGE NUMARASI *REFERENCE NUMBER OF LICENCE*	000058-TSE-04/03
BELGENİN İLK VERİLİŞ TARİHİ *DATE OF FIRST ISSUE OF LICENCE*	25.06.2006
BELGENİN SON GEÇERLİLİK TARİHİ *LICENCE VALID UNTIL*	02.03.2026
BELGE SAHİBİ KURULUŞUN ADI *NAME OF THE LICENCE HOLDER*	EMFA ELEKTRİK MALZEME FABRİKASI ANONİM ŞİRKETİ
BELGE SAHİBİ KURULUŞUN ADRESİ *ADRESS OF THE LICENCE HOLDER*	MALTEPE MAH. CEBE ALİ BEY SK. /18 NO:1 ZEYTİNBURNU İSTANBUL/TÜRKİYE
ÜRETİM YERİ ADI *NAME OF THE MANUFACTURING PLACE*	EMFA ELEKTRİK MALZEME FABRİKASI ANONİM ŞİRKETİ
ÜRETİM YERİ ADRESİ *ADRESS OF THE MANUFACTURING PLACE*	DAVUTPAŞA CAD. CEBEALİBEY SOK. NO:18 34020 TOPKAPI İSTANBUL / TÜRKİYE
İPTAL EDİLEN BELGE NUMARASI (Varsa) *INDICATION OF SUPERSEDED LICENCE (if any)*	000058-TSE-04/02
TESCİLLİ TİCARİ MARKASI *REGISTERED TRADE MARK*	EMFA
İLGİLİ TÜRK STANDARDI *RELATED TURKISH STANDARD*	TS EN 60598-2-5 / 18.02.2016 -- TS EN IEC 60598-1 / 12.04.2021 -- TS EN IEC 60598-1/A11 / 28.04.2022
BELGE KAPSAMI *SCOPE OF LICENCE*	STAR MODEL 230 V, 50 Hz MAX 500W, I SINIFI, IP 54 HALOJEN LAMBALARLA KULLANILAN PROJEKTÖR (K.D.: 08.07.2024) ALFA MODEL 230 V, 50 Hz MAX 500W, I SINIFI, IP 55 HALOJEN LAMBALARLA KULLANILAN PROJEKTÖR (K.D.: 08.07.2024) BETA 1 MODEL 230 V, 50 Hz MAX 1000W, I SINIFI, IP 55 HALOJEN LAMBALARLA KULLANILAN PROJEKTÖR (K.D.: 08.07.2024)

TÜRKAK Ürün TS EN ISO/IEC 17065 AB-5106-Ü

e-imzalı/e-signed
08.07.2025
Belgelendirme Merkezi Başkanı Adına
AKDOĞAN BULUT
İSTANBUL BELGELENDİRME MÜDÜRÜ V.

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*TSE BELGELENDİRME MERKEZ BAŞKANLIĞI; Adres: Necatibey Cad. No:112 06100 Bakanlıklar/ANKARA – Telefon: 0 312 416 64 81 / 416 64 27, Faks:0 312 416 66 17 E-posta :bmb@tse.org.tr , web : www.tse.org.tr

TÜRK STANDARDLARI ENSTİTÜSÜ
TÜRK STANDARDLARINA UYGUNLUK BELGESİ
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CERTIFICATE OF CONFORMITY TO TURKISH STANDARDS

Markanın Tanımı / Description of the Mark: TSE veya/or TSE veya/or TSE

BELGE NUMARASI *REFERENCE NUMBER OF LICENCE*	000058-TSE-03/05
BELGENİN İLK VERİLİŞ TARİHİ *DATE OF FIRST ISSUE OF LICENCE*	22.11.2002
BELGENİN SON GEÇERLİLİK TARİHİ *LICENCE VALID UNTIL*	08.01.2026
BELGE SAHİBİ KURULUŞUN ADI *NAME OF THE LICENCE HOLDER*	EMFA ELEKTRİK MALZEME FABRİKASI ANONİM ŞİRKETİ
BELGE SAHİBİ KURULUŞUN ADRESİ *ADRESS OF THE LICENCE HOLDER*	MALTEPE MAH. CEBE ALİ BEY SK. /18 NO:1 ZEYTİNBURNU İSTANBUL/TÜRKİYE
ÜRETİM YERİ ADI *NAME OF THE MANUFACTURING PLACE*	EMFA ELEKTRİK MALZEME FABRİKASI ANONİM ŞİRKETİ
ÜRETİM YERİ ADRESİ *ADRESS OF THE MANUFACTURING PLACE*	DAVUTPAŞA CAD. CEBEALİBEY SOK. NO:18 34020 TOPKAPI İSTANBUL / TÜRKİYE
İPTAL EDİLEN BELGE NUMARASI (Varsa) *INDICATION OF SUPERSEDED LICENCE (if any)*	000058-TSE-03/04
TESCİLLİ TİCARİ MARKASI *REGISTERED TRADE MARK*	EMFA
İLGİLİ TÜRK STANDARDI *RELATED TURKISH STANDARD*	TS EN 60598-2-2 / 05.06.2012 -- TS EN IEC 60598-1 / 12.04.2021 -- TS EN IEC 60598-1/A11 / 28.04.2022
BELGE KAPSAMI *SCOPE OF LICENCE*	-Downlight Model, 220-230 V, 50-60 Hz., I Sınıfı, IP 65, 30 W LEDli Gömme Aydınlatma Armatürü (K.G.: 01.02.2022)

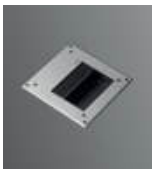
e-imzalı/e-signed
13.10.2025
Belgelendirme Merkezi Başkanı Adına
Musa TOKKAN
İSTANBUL BELGELENDİRME MÜDÜRÜ V.

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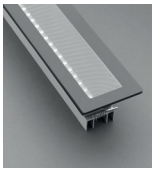

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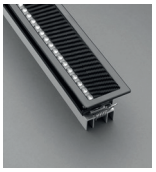

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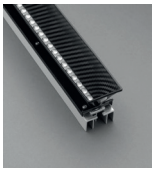
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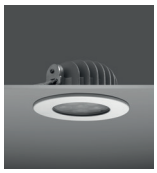

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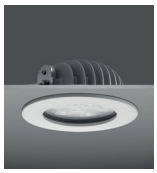

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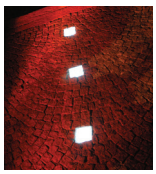

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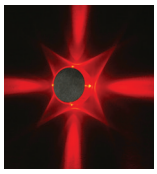

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