

Professional Emergency Lighting Solutions

Engineered for Safety. Built for Reliability.

CORPORATE PRESENTATION 2026

ISTANBUL, TURKEY

WHO WE ARE

ALBEX: A Brand by ALB Enerji

ALBEX is the specialized emergency lighting brand of ALB Enerji, a leading Turkish manufacturer with strong financial backing and engineering expertise. We design and produce high-quality emergency lighting solutions that meet international safety standards.

Our mission is to provide reliable, energy-efficient, and durable safety lighting products for industrial, commercial, and residential applications worldwide.

1000 m²

PRODUCTION FACILITY

100%

DOMESTIC PRODUCTION

ISO 9001

QUALITY CERTIFIED

Global

EXPORT NETWORK



ALBEX Corporate Sales Office & Showroom

MANUFACTURING EXCELLENCE

State-of-the-Art Production Facility

Located in Istanbul, our 1000 m² production facility is equipped with modern assembly lines and testing stations. We maintain strict quality control throughout the manufacturing process to ensure every product meets our high standards.

- 01 Modern Assembly Lines
- 02 Dedicated Testing Stations
- 03 High Production Capacity





ALBEX Assembly Line — Sancaktepe Facility

HOW WE BUILD

Production Line & Assembly

PCB Assembly & Soldering

Precision soldering stations with magnification lamps for circuit board assembly and LED driver integration.

Battery Integration

Li-ion, Ni-Cd, and Ni-MH battery packs wired and secured into conversion kit housings with protection circuits.

Final Assembly & Wiring

Complete kit assembly with input/output connectors, test buttons, and LED charge indicators.

In-Line Quality Check

Every unit undergoes functional testing before packaging — voltage output, charge cycle, and emergency switchover verification.

14

PRODUCT MODELS

3

BATTERY TECHNOLOGIES

RIGOROUS TESTING

In-House Testing Laboratory

Our dedicated testing laboratory ensures that every ALBEX product meets international safety and performance standards. We conduct comprehensive tests on battery life, thermal stability, and electrical safety.

Battery Duration & Cycle Testing

Thermal Endurance & Heat Dissipation

Electrical Safety & Insulation Resistance

Luminous Flux Measurement



OUR SOLUTIONS

Complete Emergency Lighting Range

ALBEX offers a comprehensive portfolio of 14 product models designed to meet every emergency lighting need — from compact conversion kits to high-visibility exit signs.

Emergency Conversion Kits

YFK-60, YFB-220, YFB-200, YFB-80, YFB-24, YFB-12 series for LED panel & downlight conversion.

Self-Contained Luminaires

YFSPT-3W ceiling mount, YFAYD surface mount, YFARM bulkhead emergency lights.

Exit Signs & Accessories

YF-EXMT and YF-EXST1 illuminated exit signs with rechargeable battery packs.

14

PRODUCT MODELS

3

BATTERY TYPES

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YFB-24 5	YFB-24SV 6	YFB-12 7	YFB-12SV 8
			
YFSPT-3W 9	YFAYD 12	YFARM 13	YF-EXMT 10
			
	RECHARGEABLE BATTERIES 14		

Technical Specifications

MODEL	MAX POWER	OUTPUT VOLTAGE	BATTERY TYPE	DURATION	TEMP. RANGE	APPLICATION
YFK-60	60W	3-200V DC	Li-ion / Ni-Cd	1-3h	-10 to +45°C	LED Panels, Downlights
YFB-220	200W	3-200V DC	Ni-Cd / Ni-MH	1-3h	-10 to +50°C	High-bay, Floodlights
YFB-200	200W	3-200V DC	Ni-Cd / Ni-MH	1-3h	-10 to +50°C	Industrial Luminaires
YFB-80	80W	3-200V DC	Ni-Cd / Ni-MH	1-3h	-10 to +50°C	Office, Retail
YFB-24 / 24SV	100W	24V DC	Ni-Cd / Ni-MH	1-3h	-10 to +50°C	Solar / Vehicle
YFB-12 / 12SV	100W	12V DC	Ni-Cd / Ni-MH	1-3h	-10 to +50°C	Solar / Vehicle
YF-EXMT	5W	—	Ni-Cd / Ni-MH	3h	-10 to +50°C	Exit Signage
YFARM	18W	—	Li-ion 3.7V	3h	-10 to +50°C	Ceiling Mount

INPUT VOLTAGE
220-240V AC

FREQUENCY
50-60 Hz

PROTECTION
Over-discharge

LED LIFESPAN
50,000 h

Certifications & Compliance

Full EU compliance for all ALBEX emergency lighting products

CE

Low Voltage Directive (LVD)

Comprehensive safety testing per EN 61347-2-13:2018 standard. 38-page test report covering all electrical safety parameters.

Directive 2014/35/EU

EMC

Electromagnetic Compatibility

Full EMC immunity and emission testing: ESD, surge, conducted/radiated RF, voltage dips, and flicker. 43-page report.

Directive 2014/30/EU

RoHS

Restriction of Hazardous Substances

All 7 restricted substances tested and passed: Cadmium, Lead, Mercury, Cr(VI), PBBs, PBDEs, and Phthalates.

Directive (EU) 2015/863

CERTIFICATE OF COMPLIANCE

Issued by	INSPERLA
Certificate No.	MD-25-186-UD001-R0
Valid Until	30.11.2026
Products Covered	YFB-200, YFK-60, YFB-220, YFB-80, YFB-24/SV, YFB-12/SV

TEST REPORTS

LVD Report	AB-1532-T/LVD25-131
EMC Report	AB-1532-T/EMC25-206
RoHS Report	AB-2029-T/25100011
Testing Lab	ELDAS (TÜRKAK AB-1532-T)

All tests conducted per ISO/IEC 17025:2017 accredited laboratories. Full test reports available upon request.



Modern warehouse facility with organized inventory of ALBEX products

SUPPLY CHAIN

Efficient Storage & Global Logistics

Our expansive warehouse facility allows us to maintain high stock levels of key components and finished products, ensuring rapid response times for urgent orders. We utilize modern inventory management systems to track every item from production to dispatch.

01 High Stock Availability

Continuous production cycles ensure that standard models are always in stock and ready for immediate shipment.

02 Secure Packaging

Products are packed in reinforced, branded boxes (e.g., YFSPT-3W) to prevent damage during transit.

03 Global Shipping Network

Established partnerships with major logistics providers for reliable land, sea, and air freight solutions.

24h

DISPATCH TARGET

Global

SHIPPING COVERAGE

Application Areas

ALBEX emergency lighting solutions serve every sector where safety is non-negotiable

01

Hotels & Hospitality

Corridors, stairwells, conference halls, and guest room emergency conversion kits.

02

Hospitals & Healthcare

Critical care areas, operating rooms, and evacuation routes requiring uninterrupted lighting.

03

Office Buildings

Open-plan offices, meeting rooms, and emergency exit pathways with maintained signage.

04

Industrial Facilities

High-bay luminaire conversion, hazardous area lighting, and factory floor emergency systems.

05

Shopping Centers

Retail spaces, parking garages, and high-traffic evacuation corridors with exit signage.

06

Airports & Transport

Terminal buildings, metro stations, and transportation hubs with 24/7 emergency readiness.

07

Schools & Universities

Classrooms, auditoriums, laboratories, and campus-wide emergency lighting networks.

08

Residential Buildings

Apartment common areas, stairwells, and underground parking with automated emergency activation.

INTERNATIONAL REACH

Exporting Safety to the World

ALBEX is not just a local manufacturer; we are a global partner in safety. Our products are trusted in major projects across multiple continents, supported by a robust logistics network and strategic partnerships.

20+

COUNTRIES

3

CONTINENTS

48h

RESPONSE TIME

Europe

Germany
United Kingdom
France
Romania (Regional Office)

Middle East

United Arab Emirates
Qatar
Saudi Arabia
Kuwait

CIS & Central Asia

Azerbaijan
Kazakhstan
Uzbekistan
Georgia

Africa

Egypt
Morocco
Nigeria
South Africa

Strategic Distributor Network & After-Sales Support

Thank You

We look forward to powering your safety with our reliable emergency lighting solutions.

WEBSITE

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HEADQUARTERS

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No: 55 /5 Sancaktepe / İSTANBUL

ROMANIA OFFICE

Sediu social: Bucuresti Sectorul 6, Intrarea
PORTOCALOR, Nr. 2, CAMERA
1, Bl. ROSU, Scara C, Etaj PARTER, Ap. 3

PRODUCTION FACILITY

Mehmet Akif, Bektaşoğlu Sk. No:7, 34920
Sultanbeyli/İstanbul

WAREHOUSE

Battalgazi Mah. İbni Sina Sok AYTOP Gıda
Toptancılar Sanayi Sitesi D Blok No:6
Battalgazi Sultanbeyli / İSTANBUL