

# Airfield Ground Lighting Products



# About EMA Tesisat



Established in 1986, EMA Tesisat is the leading airfield ground lighting manufacturer from Turkey. Known for its products' quality, reliability and durability EMA Tesisat has been supplying numerous civil and military airports worldwide since 30 years.



Based in two production facilities located in Bolu and Istanbul, EMA Tesisat offers its customers a full range of AGL solutions. With vast experience in the design, development, supply, installation and commissioning of airports and heliports, we are qualified to meet all operational requirements.



EMA Tesisat's high quality, reliable AGL products are manufactured to ISO 9001 Quality Procedures and Systems. Our products are fully compliant with and tested to International Standards including ICAO, FAA, IEC and CENELEC.

We have our own photometry, electric and mechanic test laboratories on our premises. All of our aerodrome products are thoroughly tested to verify compatibility and certified to comply with both ICAO's and FAA's requirements, guaranteeing the maximum level of airport safety.



# Quality of Production - FAA ETL Certification



  
Intertek

PROGRAM ADMINISTRATOR  
DEPARTMENT ALECP  
INTERTEK  
3933 U.S. ROUTE 11  
CORTLAND, NY 13045-0950

ORIGINAL ISSUE DATE: May 28, 2015  
Recertification due: February 2021  
An Activity Sponsored and Administered by  
Intertek

EMA Tesisat ve Endüstriyel  
Cihazlar Sanayi ve Ticaret A.Ş.  
Yesilce Mah. Örsanayi Sitesi  
Aytekin Sokak No. 7  
4. Levant İstanbul, Turkey

AIRPORT LIGHTING  
EQUIPMENT  
CERTIFICATION PROGRAM

CERTIFICATE OF  
CONFORMANCE

The product described below is hereby approved for listing in the next issue of the Federal Aviation Administration (FAA) Advisory Circular (AC) 150/5345-53, Appendix 3 Addendum "Airport Lighting Equipment Certification Program." The approval is based on successful completion of tests in accordance with the specifications listed in, and the requirements for approval described in the Advisory Circular, and the reporting to the Program Administrator the results of such tests, accompanied by related documents by an Intertek recognized testing laboratory. This Certificate is only confirmative in conjunction with equipment being listed in AC 150/5345-53, Appendix 3, Addendum, as currently published by the FAA. This certification is not valid for a product modified with non-DEM replacement parts or non-production components.

| L-850 - Lights, Runway, Improvement<br>(AC 150/5345-460)                            |      |       |       |                               |
|---|------|-------|-------|-------------------------------|
| Manufacturer  | Type | Class | Style | Manufacturer's Catalog Number |
| EMA Tesisat ve<br>Endüstriyel<br>Cihazlar Sanayi<br>ve Ticaret A.Ş.<br>Bolu, Turkey | B    | 1, 2  | 3     | L850B-TDZ-3-1-48W (644)       |
|   | C    | 1, 2  | 3     | L850C-REL-3-2-105W (164)      |
|   | D    | 1, 2  | 3     | L850D-RTSL-3-1-105G (164)     |
|   | E    | 1, 2  | 3     | L850E-ATLJ-3-2-48G (644)      |

NOTE: (644) 64337 48W

1. This Equipment requires continuing validation in accordance with the requirements of AC 150/5345-53, and the Intertek Airport Lighting Equipment Certification Program.

2. Product tested and Report issued by: EMA Tesisat ve Endüstriyel, ASELSAN A.Ş.

(A) Report No: 101099521EMA, 5893; (B) Date of Report: 4/2014; 2/2013; 3/2015  
101889632EMA

NOTE: PLEASE REVIEW, AND ADVISE  
ADMINISTRATOR AT INTERTEK IMMEDIATELY  
IF DATA, AS SHOWN, NEED TO BE  
CORRECTED.

Approved for Certification by:  
  
Jeremy N. Downs, PE, Program Administrator  
Date: May 28, 2015

Form AL-3 12206

Our range of 12 inch  
inset runway lights are  
certified by ETL in  
2015.

We have taken our  
place on FAA's list of  
certified products and  
manufacturers



# Lighting Fixtures IEC TS 61827



# Quality of Production - CENELEC & TSE



Runway & Taxiway Signs  
CENELEC ENV 50235

Connector Kits  
TSE-K 459

# References



We have equipped dozens of airports and heliports in Turkey and abroad. Our references include lighting systems for the Istanbul Ataturk and Antalya International Airports which are among the world's busiest.

Our airfield lighting products are used on many continents, from the snows of Kazakhstan to the tropics of Indonesia.



# References – Civil Airports



| <u>NAME OF AIRPORT</u>           | <u>COUNTRY</u> |                                |                 |
|----------------------------------|----------------|--------------------------------|-----------------|
| ISTANBUL ATATURK AIRPORT         | TURKEY         | CANAKKALE GOKCEADA AIRPORT     | TURKEY          |
| ANKARA ESENBAGA AIRPORT          | TURKEY         | HATAY AIRPORT                  | TURKEY          |
| IZMIR ADNAN MENDERES AIRPORT     | TURKEY         | KARS HAKKANI AIRPORT           | TURKEY          |
| MUGLA DALAMAN AIRPORT            | TURKEY         | KAYSERI AIRPORT                | TURKEY          |
| MUGLA BODRUM AIRPORT             | TURKEY         | KONYA AIRPORT                  | TURKEY          |
| ADANA SAKIRPASA AIRPORT          | TURKEY         | MALATYA AIRPORT                | TURKEY          |
| ISPARTA SULEYMAN DEMIREL AIRPORT | TURKEY         | SAMSUN CARSIAMBA AIRPORT       | TURKEY          |
| NEVSEHIR KAPADOKYA AIRPORT       | TURKEY         | SINOP AIRPORT                  | TURKEY          |
| ERZURUM AIRPORT                  | TURKEY         | SIVAS NURI DEMIRAG AIRPORT     | TURKEY          |
| GAZIANTEP AIRPORT                | TURKEY         | VAN FERIT MELEN AIRPORT        | TURKEY          |
| ISTANBUL SABIHA GOKCEN AIRPORT   | TURKEY         | KUTAHYA ZAFER AIRPORT          | TURKEY          |
| ORDU Giresun AIRPORT             | TURKEY         | KASTAMONU AIRPORT              | TURKEY          |
| ADIYAMAN AIRPORT                 | TURKEY         | SIRNAK SERAFETTIN ELCI AIRPORT | TURKEY          |
| AGRI AHMED-I HANI AIRPORT        | TURKEY         | NICOSIA ERCAN AIRPORT          | NORTHERN CYPRUS |
| AMASYA MERZIFON AIRPORT          | TURKEY         | SOFIA AIRPORT                  | BULGARIA        |
| ANTALYA AIRPORT                  | TURKEY         | DOBO AIRPORT                   | INDONESIA       |
| ALANYA-GAZIPASA AIRPORT          | TURKEY         | TUAL AIRPORT                   | INDONESIA       |
| BALIKESIR KOCA SEYIT AIRPORT     | TURKEY         | LABUHA AIRPORT                 | INDONESIA       |
| BATMAN AIRPORT                   | TURKEY         | ROTE AIRPORT                   | INDONESIA       |
| BURSA YENISEHIR AIRPORT          | TURKEY         | GALELA AIRPORT                 | INDONESIA       |
| CANAKKALE AIRPORT                | TURKEY         | SERUI AIRPORT                  | INDONESIA       |
| DENIZLI CARDAK AIRPORT           | TURKEY         | ASHGABAT AIRPORT               | TURKMENISTAN    |
| DIYARBAKIR AIRPORT               | TURKEY         | CALICUT AIRPORT                | INDIA           |
| ELAZIG AIRPORT                   | TURKEY         | AKTAU AIRPORT                  | KAZAKHSTAN      |
| ERZINCAN AIRPORT                 | TURKEY         |                                |                 |



# References – Military Airports



| <u>NAME OF AIRPORT</u>                     | <u>CITY</u> | <u>COUNTRY</u> |
|--|-------------|----------------|
| 1ST MAIN JET BASE GROUP COMMAND            | ESKISEHIR   | TURKEY         |
| 3RD MAIN JET BASE GROUP COMMAND            | KONYA       | TURKEY         |
| 4TH MAIN JET BASE GROUP COMMAND            | ANKARA      | TURKEY         |
| 6TH MAIN JET BASE GROUP COMMAND            | BANDIRMA    | TURKEY         |
| 9TH MAIN JET BASE GROUP COMMAND            | BALIKESIR   | TURKEY         |
| 5TH MAIN JET BASE GROUP COMMAND            | AMASYA      | TURKEY         |
| 7TH MAIN JET BASE GROUP COMMAND            | MALATYA     | TURKEY         |
| 8TH MAIN JET BASE GROUP COMMAND            | DIYARBAKIR  | TURKEY         |
| UNMANNED AERIAL VEHICLE BASE GROUP COMMAND | BATMAN      | TURKEY         |
| 2ND MAIN JET BASE GROUP COMMAND            | IZMIR       | TURKEY         |
| 3RD ARMY AVIATION REGIMENT                 | IZMIR       | TURKEY         |
| CENGIZ TOPEL NAVAL AIR STATION             | KOCAELI     | TURKEY         |
| EREGLI NAVAL BASE                          | ZONGULDAK   | TURKEY         |
| BEYKOZ NAVAL BASE                          | ISTANBUL    | TURKEY         |
| AKSAZ NAVAL BASE                           | MARMARIS    | TURKEY         |
| TEMELLI AIR BASE                           | ANKARA      | TURKEY         |
| GUVERCINLIK ARMY AIR BASE                  | ANKARA      | TURKEY         |
| AKHISAR AIR BASE                           | MANISA      | TURKEY         |
| SIVRIHISA AIR BASE                         | ESKISEHIR   | TURKEY         |
| KAKLIC AIR BASE                            | IZMIR       | TURKEY         |
| SLATINA AIR BASE                           | PRISTINA    | KOSOVO         |

# References – Heliports



| CATEGORY    | PROJECT NAME  | LOCATION                |                   |
|-------------|---|-------------------------|-------------------|
| COMMERCIAL  | ZORLU CENTER  | ISTANBUL / ZINCIRLIKUYU | TURKEY            |
| EDUCATIONAL | CUMHURİYET UNIVERSITY                               | SIVAS / YENİSEHIR       | TURKEY            |
| EDUCATIONAL | KIRIKKALE UNIVERSITY                                | KIRIKKALE / YAHSIHAN    | TURKEY            |
| GOVERNMENT  | ERZURUM DISASTER & EMERGENCY SEARCH & RESCUE DIR.   | ERZURUM / PALANDOKEN    | TURKEY            |
| GOVERNMENT  | EGO GENERAL DIRECTORATE                             | ANKARA / YENİMAHALLE    | TURKEY            |
| GOVERNMENT  | TARABYA PRESIDENTIAL CAMPUS (HUBER VILLA)           | ISTANBUL / TARABYA      | TURKEY            |
| GOVERNMENT  | ISKI YENİKAPI WASTEWATER TREATMENT FACILITY         | ISTANBUL / YENİKAPI     | TURKEY            |
| GOVERNMENT  | ISPARK KADIKÖY                                      | ISTANBUL / KADIKÖY      | TURKEY            |
| GOVERNMENT  | ISTANBUL MM DISASTER COORDINATION CENT. (8 SYSTEMS) | ISTANBUL                | TURKEY            |
| GOVERNMENT  | ISPARK KISIKLI                                      | ISTANBUL / USKUDAR      | TURKEY            |
| GOVERNMENT  | BURSA MM DISASTER COORDINATION CENTER               | BURSA / OSMANGAZI       | TURKEY            |
| GOVERNMENT  | QEBELE PRESIDENTIAL HEADQUARTERS                    | QEBELE                  | AZERBAIJAN        |
| GOVERNMENT  | HATAY DISASTER AND EMERGENCY COORDINATION CENTER    | HATAY / MERKEZ          | TURKEY            |
| GOVERNMENT  | PRESIDENTIAL GUEST HOUSE                            | SIPOPO                  | EQUATORIAL GUINEA |
| GOVERNMENT  | PRESIDENTIAL HELIPORT                               | BAKU                    | AZERBAIJAN        |
| GOVERNMENT  | KAYSERİ CITY HEALTH DIRECTORATE                     | KAYSERİ / MELİKGAZI     | TURKEY            |
| GOVERNMENT  | KONYA CITY HEALTH DIRECTORATE                       | KONYA / SELÇUKLU        | TURKEY            |
| GOVERNMENT  | AFYONKARAHISAR CIVIL DEFENSE SEARCH & RESCUE DIR.   | AFYONKARAHISAR / MERKEZ | TURKEY            |
| GOVERNMENT  | AGILE FORCE REGIONAL COMMAND                        | ISTANBUL / USKUDAR      | TURKEY            |
| GOVERNMENT  | VAN CITY HEALTH DIRECTORATE                         | VAN / MERKEZ            | TURKEY            |
| GOVERNMENT  | TRABZON CITY HEALTH DIRECTORATE                     | TRABZON / MERKEZ        | TURKEY            |
| GOVERNMENT  | MERSİN REGIONAL DIRECTORATE OF FORESTRY             | MERSİN / UCOKAK         | TURKEY            |
| GOVERNMENT  | ADANA CITY HEALTH DIRECTORATE                       | ADANA / YUREGIR         | TURKEY            |
| GOVERNMENT  | KOCAELI DISASTER AND EMERGENCY COMMAND              | KOCAELI / UZUNCIFTLIK   | TURKEY            |
| GOVERNMENT  | GAZİANTEP AIRPORT AMBULANCE HELIPORT                | GAZİANTEP / OGUZELI     | TURKEY            |
| GOVERNMENT  | ANTALYA REGIONAL DIRECTORATE OF FORESTRY            | ANTALYA                 | TURKEY            |
| HOTEL       | ISTANBUL MARRIOTT HOTEL                             | ISTANBUL / SISLI        | TURKEY            |
| HOTEL       | DIVAN ISTANBUL HOTEL                                | ISTANBUL / SISLI        | TURKEY            |
| HOTEL       | CIRAGAN PALACE KEMPINSKY HOTEL                      | ISTANBUL / BEŞİKTAS     | TURKEY            |
| HOTEL       | SIRTE SEASIDE HOTEL                                 | SIRTE                   | LIBYA             |
| HOTEL       | POINT HOTEL BARBAROS                                | ISTANBUL / SISLI        | TURKEY            |
| HOTEL       | RIXOS QUBA HOTEL                                    | QUBA                    | AZERBAIJAN        |
| HOTEL       | THE BARON HOTEL                                     | KARBALA                 | IRAQ              |
| HOTEL       | WYNDHAM GRAND                                       | ISTANBUL / LEVENT       | TURKEY            |

# References – Heliports



| CATEGORY   | PROJECT NAME                                      | LOCATION                     |              |
|------------|---|------------------------------|--------------|
| INDUSTRIAL | AELSAN A.S. GOLBEK FACILITY                       | ANKARA / GOLBEK              | TURKEY       |
| INDUSTRIAL | ARCELIK TUZLA FACTORY                             | ISTANBUL / TUZLA             | TURKEY       |
| INDUSTRIAL | AS CIMENTO A.S. FACTORY                           | BURDUR / BUCAK               | TURKEY       |
| INDUSTRIAL | EREGLI DEMIR CELIK A.S.                           | ZONGULDAK / KARADENIZ EREGLI | TURKEY       |
| INDUSTRIAL | ECZACIBASI VITRA FACTORY                          | BILECIK / BOZUYUK            | TURKEY       |
| INDUSTRIAL | TOSB GEBZE ORGANIZED INDUSTRIAL ZONE              | KOCAELI / GEBZE              | TURKEY       |
| INDUSTRIAL | MARDIN CIMENTO SANAYI A.S.                        | MARDIN / SAVU                | TURKEY       |
| INDUSTRIAL | ERDEMIR MADENCILIK A.S.                           | SIVAS / DIVRIGI              | TURKEY       |
| INDUSTRIAL | SANTA FARMA A.S.                                  | KOCAELI / DILOVASI           | TURKEY       |
| INDUSTRIAL | TUPRAS BATMAN REFINERY                            | BATMAN / MERKEZ              | TURKEY       |
| INDUSTRIAL | ISKENDERUN DEMIR VE CELIK A.S. FACTORY            | HATAY / KARAYILAN            | TURKEY       |
| MILITARY   | PIRRSIT RADAR BASE                                | VAN / MURADIYE               | TURKEY       |
| MILITARY   | PENDIK NAVAL SHIPYARD                             | ISTANBUL / TUZLA             | TURKEY       |
| MILITARY   | AFGHAN AIR FORCE GARDEZ BASE                      | GARDEZ                       | AFGHANISTAN  |
| MILITARY   | HAKKARI AND AGRI MILITARY OUTPOSTS (4 SYSTEMS)    | HAKKARI & AGRI               | TURKEY       |
| MILITARY   | BASKALE MILITARY OUTPORT                          | VAN / BASKALE                | TURKEY       |
| MILITARY   | KERITEPE AND PEYTEPE MILITARY OUTPOSTS            | HAKKARI / DAGLICA            | TURKEY       |
| MILITARY   | MILITARY SEHERCE                                  | ASHGABAT                     | TURKMENISTAN |
| MILITARY   | GERDARMERIE COMMAND                               | AZERBAIJAN                   | AZERBAIJAN   |
| MILITARY   | KELTEPE RADAR BASE                                | HATAY / KELTEPE              | TURKEY       |
| MILITARY   | KANDAHAR AIR BASE                                 | KANDAHAR                     | AFGHANISTAN  |
| MILITARY   | TURKISH NAVAL FORCES BLACK SEA COMMAND            | ZONGULDAK / KARADENIZ EREGLI | TURKEY       |
| MILITARY   | BAGRAM AIR BASE                                   | BAGRAM                       | AFGHANISTAN  |
| MILITARY   | FENERTEPE MILITARY BASE                           | ISTANBUL / BASAKSEHIR        | TURKEY       |
| MILITARY   | 4TH ARMY AVIATION REGIMEN                         | ISTANBUL / SAMANDIRA         | TURKEY       |
| MILITARY   | 3RD CORPS COMMAND                                 | ISTANBUL / MASLAK            | TURKEY       |
| MILITARY   | AIR LOGISTICS COMMAND                             | ANKARA / ETIMESGUT           | TURKEY       |
| MILITARY   | JORDANIAN ARMED FORCES GENERAL STAFF HEADQUARTER  | AMMAN                        | JORDAN       |
| MILITARY   | AKSAZ NAVAL BASE COMMAND                          | MUGLA / MARMARIS             | TURKEY       |
| MILITARY   | JORDAN ROYAL NAVY BASE                            | AQABA                        | JORDAN       |
| MILITARY   | ISTANBUL STRAIT COMMAND                           | ISTANBUL / ANADOLUKAVAGI     | TURKEY       |
| MILITARY   | CANAKKALE STRAIT COMMAND                          | CANAKKALE / NARA             | TURKEY       |
| MILITARY   | MILITARY ACADEMY COMMAND                          | ISTANBUL / LEVENT            | TURKEY       |
| MILITARY   | ZEKSAN CONSTRUCTION MILITARY OUTPOSTS (5 SYSTEMS) | HAKKARI                      | TURKEY       |

# References – Heliports



| CATEGORY          | PROJECT NAME   | LOCATION                |              |
|-------------------|--|-------------------------|--------------|
| OFFICE            | RIVER PLAZA  | ISTANBUL / LEVENT       | TURKEY       |
| OFFICE            | SOYAK KRISTAL TOWER                                  | ISTANBUL / LEVENT       | TURKEY       |
| OFFICE            | DAP Z OFFICE   | ISTANBUL / KAGITHANE    | TURKEY       |
| OFFICE            | KANYON OFFICE BUILDING                               | ISTANBUL / LEVENT       | TURKEY       |
| OFFICE            | CIFTCI TOWERS  | ISTANBUL / ZINCIRLIKUYU | TURKEY       |
| OFFICE            | RUMELI PLAZA   | ISTANBUL / IKITELLI     | TURKEY       |
| OFFICE            | LEVENT 199 OFFICE                                    | ISTANBUL / LEVENT       | TURKEY       |
| OFFICE            | WINDOWIST TOWER                                      | ISTANBUL / MASLAK       | TURKEY       |
| RESIDENTIAL       | MURAT ULKER HOUSE                                    | ISTANBUL / ISHAKLI      | TURKEY       |
| RESIDENTIAL       | ARCHABIL VILLA                                       | ASHGABAT                | TURKMENISTAN |
| RESIDENTIAL       | CINGILLIOGLU HOUSE                                   | ISTANBUL / SARIYER      | TURKEY       |
| RESIDENTIAL       | ORHAN OCAIGIRAY HOUSE                                | DUZCE / PINARLAR        | TURKEY       |
| RESIDENTIAL       | DAP VAZO TOWER                                       | ISTANBUL / MALTEPE      | TURKEY       |
| RESIDENTIAL       | POLAT TOWER RESIDENCE                                | ISTANBUL / SISLI        | TURKEY       |
| RESIDENTIAL       | DAP BURGU TOWER                                      | ISTANBUL / MALTEPE      | TURKEY       |
| SOCIAL / CULTURAL | MEMORIAL PARK  | ASHGABAT                | TURKMENISTAN |
| SOCIAL / CULTURAL | STATE CEREMONY FIELD AND PROTOCOL BUILDING           | ASHGABAT                | TURKMENISTAN |
| SOCIAL / CULTURAL | BAKU OLYMPIC VILLAGE                                 | BAKU                    | AZERBAIJAN   |
| SOCIAL / CULTURAL | EXPO 2016 ANTALYA                                    | ANTALYA / AKSU          | TURKEY       |
| SOCIAL / CULTURAL | RAHMI M. KOC. MUSEUM                                 | ISTANBUL / HASKOY       | TURKEY       |
| SOCIAL / CULTURAL | RAHMI KOC INCIR ISLAND                               | ISTANBUL / TUZLA        | TURKEY       |
| MARINA            | VIP MARINA   | AWAZA                   | TURKMENISTAN |
| MARINA            | WEST ISTANBUL MARINA                                 | ISTANBUL / AMBARLI      | TURKEY       |
| MARINA            | SETUR AYVALIK MARINA                                 | BALIKESIR / AYVALIK     | TURKEY       |
| HOSPITAL          | ACIBADEM BODRUM HOSPITAL                             | MUGLA / BODRUM          | TURKEY       |
| HOSPITAL          | ORDU STATE HOSPITAL                                  | ORDU / MERKEZ           | TURKEY       |
| HOSPITAL          | DIYARBAKIR GAZI YASARGIL TRAINING AND RESEARCH HOSP. | DIYARBAKIR / YENISEHIR  | TURKEY       |
| HOSPITAL          | IZMIR KATIP CELEBI UNIV. TRAINING AND RESEARCH HOSP. | IZMIR / KARABAGLAR      | TURKEY       |
| HOSPITAL          | BAGCILAR TRAINING AND RESEARCH HOSPITAL              | ISTANBUL / BAGCILAR     | TURKEY       |
| HOSPITAL          | DIYARBAKIR OBSTETRICS AND PEDIATRICS HOSPITAL        | DIYARBAKIR / BAGLAR     | TURKEY       |
| HOSPITAL          | OSMANIYE STATE HOSPITAL                              | OSMANIYE / AKYAR        | TURKEY       |
| HOSPITAL          | ERZURUM REGIONAL TRAINING AND RESEARCH HOSP.         | ERZURUM / YAKUTIYE      | TURKEY       |
| HOSPITAL          | GATA HAYDARPASA TRAINING HOSPITAL                    | ISTANBUL / USKUDAR      | TURKEY       |

# References – Heliports



| CATEGORY | PROJECT NAME  | LOCATION                 |              |
|----------|---|--------------------------|--------------|
| HOSPITAL | ANADOLU MEDICAL CENTER                              | KOCAELI / GEBZE          | TURKEY       |
| HOSPITAL | GAZI STATE HOSPITAL                                 | SAMSUN / ILKADIM         | TURKEY       |
| HOSPITAL | TURKISH ARMY REHABILITATION AND CARE CENTER         | ANKARA / BILKENT         | TURKEY       |
| HOSPITAL | BEYHEKIM STATE HOSPITAL                             | KONYA / BEYHEKIM         | TURKEY       |
| HOSPITAL | DR. SIYAMI ERSEK HOSPITAL                           | ISTANBUL / USKUDAR       | TURKEY       |
| HOSPITAL | CANAKKALE STATE HOSPITAL                            | CANAKKALE / MERKEZ       | TURKEY       |
| HOSPITAL | FETHIYE STATE HOSPITAL                              | MUGLA / FETHIYE          | TURKEY       |
| HOSPITAL | DERINCE MILITARY HOSPITAL                           | KOCAELI / DERINCE        | TURKEY       |
| HOSPITAL | ELAZIG MILITARY HOSPITAL                            | ELAZIG / MERKEZ          | TURKEY       |
| HOSPITAL | ONDOKUZ MAYIS UNIV. HEALTH RESEARCH & APPL. CENT.   | SAMSUN / ATAKUM          | TURKEY       |
| HOSPITAL | GULHANE MILITARY MEDICAL ACADEMY                    | ANKARA / ETLIK           | TURKEY       |
| HOSPITAL | ANKARA ATATURK TRAINING AND RESEARCH HOSP.          | ANKARA / BILKENT         | TURKEY       |
| HOSPITAL | KIRIKKALE YUKSEK IHTISAS HOSPITAL                   | KIRIKKALE / BAGLARBASI   | TURKEY       |
| HOSPITAL | GAZIOSMANPASA HOSPITAL                              | ISTANBUL / GAZIOSMANPASA | TURKEY       |
| HOSPITAL | KIZILAY DISASTER MANAGEMENT CENTER                  | SIVAS / DANISMENTGAZI    | TURKEY       |
| HOSPITAL | HARRAN UNIV. TRAINING AND RESEARCH HOSPITAL         | SANLIURFA / OSMANBEY     | TURKEY       |
| HOSPITAL | VAN REGIONAL TRAINING AND RESEARCH HOSPITAL         | VAN / MERKEZ             | TURKEY       |
| HOSPITAL | SISLI FLORENCE NIGHTINGALE HOSPITAL                 | ISTANBUL / SISLI         | TURKEY       |
| HOSPITAL | UMRANIYE TRAINING AND RESEARCH HOSPITAL             | ISTANBUL / UMRANIYE      | TURKEY       |
| HOSPITAL | AMERICAN HOSPITAL                                   | ISTANBUL / SISLI         | TURKEY       |
| HOSPITAL | DUZCE UNIV. RESEARCH AND APPLICATION HOSP.          | DUZCE / MERKEZ           | TURKEY       |
| HOSPITAL | SELCUKLU UNIV. FACULTY OF MEDICINE HOSP.            | KONYA / SELCUKLU         | TURKEY       |
| HOSPITAL | DR. LUTFI KIRDAR KARTAL TRAINING AND RESEARCH HOSP. | ISTANBUL / KARTAL        | TURKEY       |
| HOSPITAL | SEHIT KAMIL STATE HOSPITAL                          | GAZIANTEP / SEHITKAMIL   | TURKEY       |
| HOSPITAL | ISTANBUL CERRAHI LEVENT HOSPITAL                    | ISTANBUL / LEVENT        | TURKEY       |
| HOSPITAL | AQRAH GENERAL HOSPITAL                              | AQRAH                    | IRAQ         |
| HOSPITAL | ANTALYA TRAINING AND RESEARCH HOSPITAL              | ANTALYA / SOGUKSU        | TURKEY       |
| HOSPITAL | PROF. DR. A. ILHAN OZDEMIR GIRE SUN STATE HOSPITAL  | GIRE SUN / MERKEZ        | TURKEY       |
| HOSPITAL | UNIVERSAL ACARSAN AMARAH HOSPITAL                   | AMARAH                   | IRAQ         |
| HOSPITAL | FIRST AID HOSPITAL                                  | ASHGABAT                 | TURKMENISTAN |
| HOSPITAL | HEALTH CENTER COMPLEX                               | ASHGABAT                 | TURKMENISTAN |
| HOSPITAL | UNIVERSAL ACARSAN KARBALA HOSPITAL                  | KARBALA                  | IRAQ         |
| HOSPITAL | UNIVERSAL ACARSAN NASIRIYAH HOSPITAL                | NASIRIYAH                | IRAQ         |
| HOSPITAL | DR. FARUK ILKER BERGAMA STATE HOSP.                 | IZMIR / BERGAMA          | TURKEY       |

# Products – Runway & Taxiway Elevated Lights



**REL**  
Elevated Runway  
Edge Light



**TEL**  
Elevated Taxiway  
Edge Light

LED or Halogen



**RGL**  
LED Elevated Runway  
Guard Light



# Products – Runway & Taxiway Inset Lights

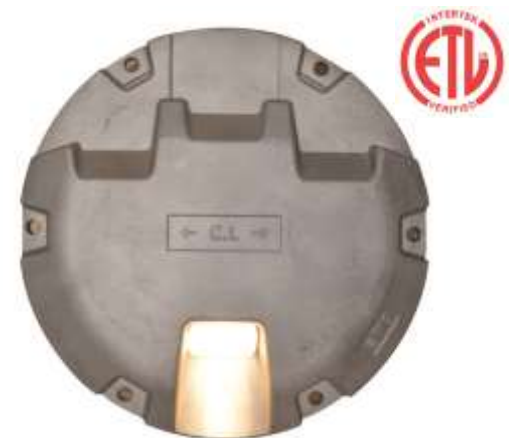


**RELI**  
12" Inset Runway  
Edge Light



**RTEL**  
12" Inset Runway  
End & Threshold  
Light

Combined or  
Unidirectional



**TDZ**  
12" Inset Touchdown  
Zone Light



**TEL-B**  
8" Inset Taxiway  
Edge Light  
  
LED or Halogen



**RCL / TCL**  
8" Inset Runway,  
Taxiway Centerline  
Light



**ATL**  
Elevated Approach  
Threshold &  
Runway, End Light



**ATLI**  
12" Inset  
Approach Light



**PAPI**  
Precision Approach  
Path Indicator



**REIL / RTIL / ALSF**  
Runway End  
Identifier Light



**AGS**  
Runway Taxiway  
Guidance Signs

LED or Halogen or  
Flourentcent



**ATL**  
Heliport  
Floodlight



**TEL-B**  
8" Inset Heliport  
Perimeter Light  
(FATO & TLOF)

LED or Halogen



**TEL-C**  
8" Inset Heliport  
Perimeter Light  
(FATO & TLOF)

LED or Halogen



**TEL**  
Elevated Heliport  
Perimeter Light

LED or Halogen



## **OBSL / OBDL**

Low Intensity  
Obstacle Light

Single or Double



## **HB**

LD Heliport Beacon



## **AB**

Airport Rotating  
Beacon





**WC / LWC**  
Lighted Wind Cone



**LDI**  
Landing Direction  
Indicator



**LB**  
Light Bases



**BC**  
Frangible Couplings



**BM**  
Frangible Masts



**CCR**  
Constant Current  
Regulator



**ALCMS**  
Airport Lighting  
Control and  
Monitoring System



**IT**  
Isolation  
Transformers



**PK / SK**  
Primary Secondary  
Connector Kits

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