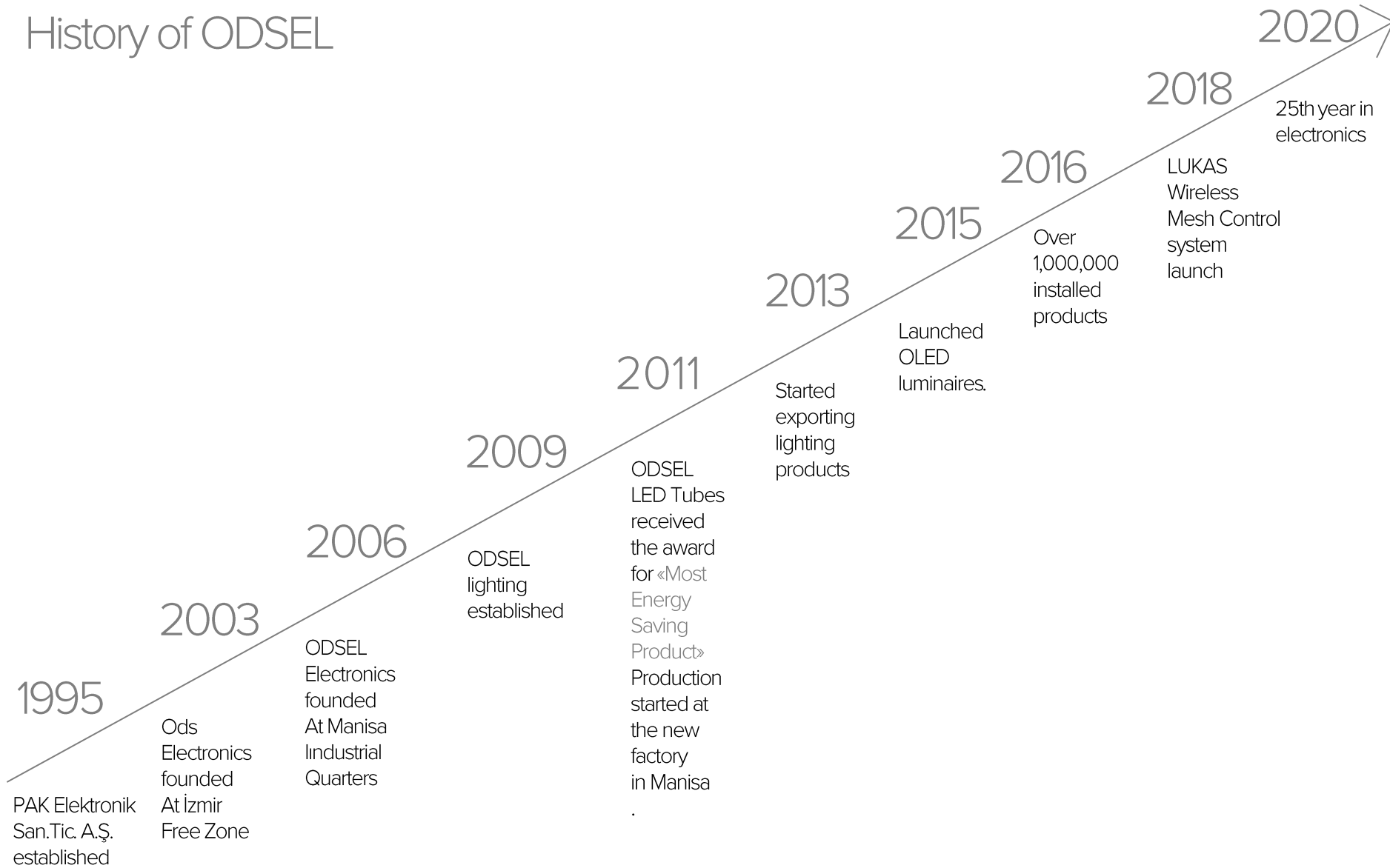


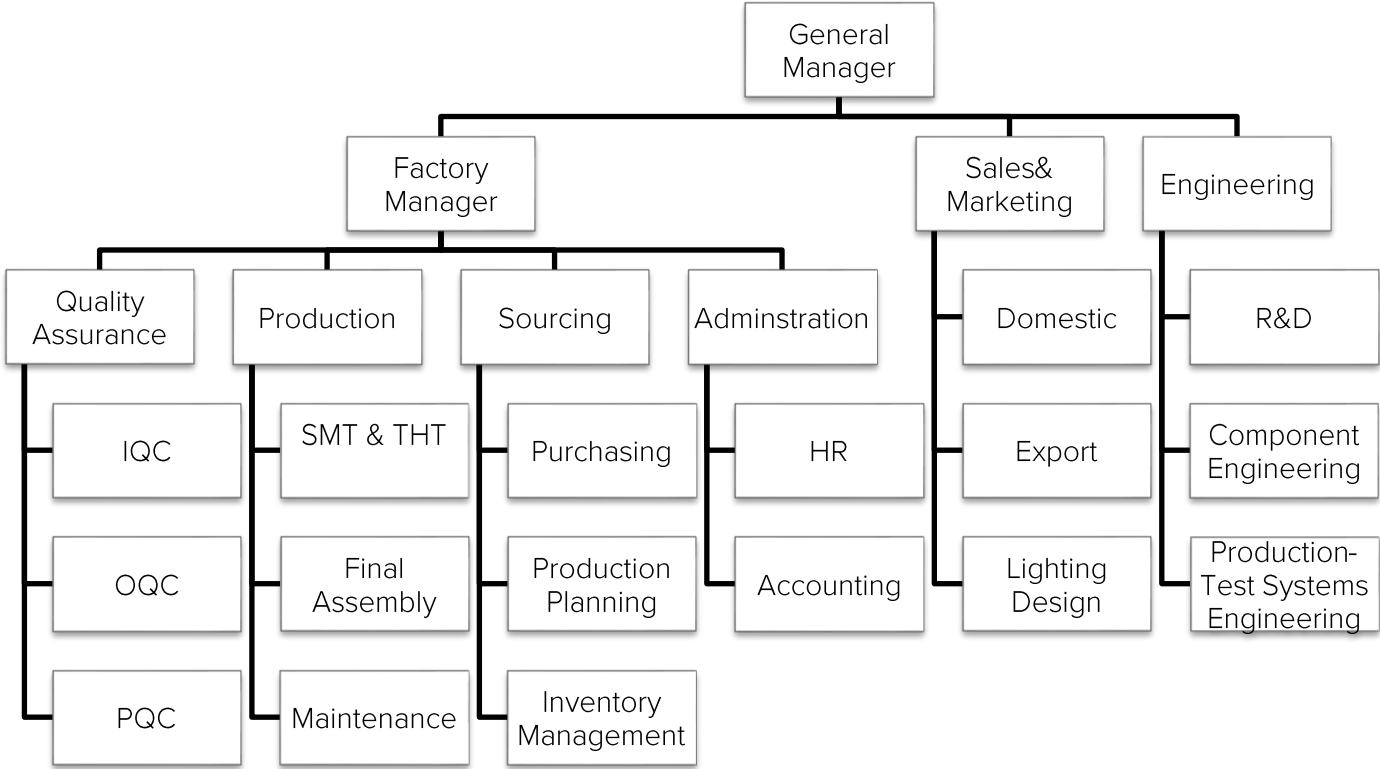
ODSEL

Company Profile

# History of ODSEL



# Organization Chart



# Our Team



# Manufacturing facility

- Situated in Manisa Industrial zone
- Closed space of 3000m<sup>2</sup>
- Total area of 5000m<sup>2</sup>



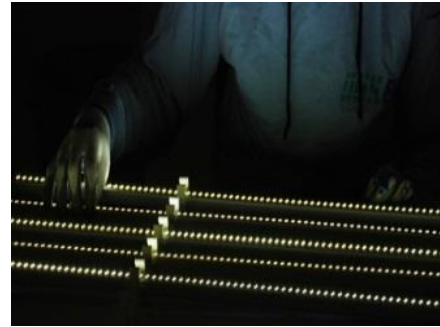
# Test Systems



Photometric Test Lab  
Goniophotometric measurements  
Spectrometer measurements  
Lifetime flux tests



Safety Test Lab  
Glow wire burning test  
Impact resistance test  
Hi-pot electrical tests



Environmental Test Lab  
High temperature  
Low temperature  
Humidity  
UV deformation test  
Corrosion tests  
IP tests



# Product Portfolio



LED Luminaires  
Recessed Luminaires  
Surface Mounted Luminaires  
Industrial Luminaires  
Downlight  
Retail Store Trunking Systems  
Outdoor Lighting



LED Tubes  
T8 LED Tubes  
T5 LED Tubes  
LED PL-L  
LED PL-C



# Certification and Compliance



**TEST REPORT**  
IEC 62560  
**Self-Balasted LED**  
for general lighting services by voltage

Report Reference No. : 0-100-170402-07  
 Tested by (name and signature) : Cimen Teyir (Test engineer)  
 Approved by (name and signature) : Mert Bezen Can (Director)

Date of issue : 2012-06-11  
 Contents : Test Report - 14 pag  
 Attachment-1 : 0-100-170402-07 (page)  
 Attachment-2 : 0-100-170402-07 (page)

Testing Laboratory : Emitec TR Ltd. SE.  
 Address : MTK Sitesi #746 / 13 TURKYE  
 Testing location : Emitec TR Ltd. SE.  
 Address : MTK Sitesi #746 / 13 TURKYE  
 Applicant's name : OOSEL Elektronik B  
 Address : Orta Cokelci Sogru / Menisek TURKYE

Test specification: IEC 62560:2011 (\*)  
 Standard : CB Scheme  
 Test procedure : N/A  
 Non-standard test method : N/A

Test Report Form No. : emTR\_P10\_3L\_R  
 Test Report Form's Originator : DENPA Certification  
 Issue Date : Ocak 2011-04  
 Copyright © 2011 Worldwide System for Conformity Testing Equipment and Components (BCEC), Geneva, Switzerland  
 This publication may be reproduced in whole or in part for non-commercial purposes without fee and subject to the conditions that the reproduction of the report number and content of the report. Emission is responsible for any copyright infringement. This report is not valid as CB Test Certificate issued by an NBTL member. If this Test Report Form is used by non-BCEC members, its CB Scheme procedure shall be removed.  
 This report is not valid as a CB Test Report unless signed and accompanied by a CB Test Certificate issued by an NBTL member.

Test item description : T9 LED Tube  
 Trade Mark : Luxar

**LED module**

Report Reference No. :  
 Tested by (name and signature) :  
 Approved by (name and signature) :  
 Date of issue :  
 Contents :  
 Testing Laboratory :  
 Address :  
 Testing location :  
 Applicant's name :  
 Address :  
 Test specification:  
 Standard :  
 Test procedure :  
 Non-standard test method :  
 Test Report Form No. :  
 Issue Date :  
 Copyright © 2011 Worldwide System for CE All rights reserved.  
 The information may be reproduced in copyright notice and source of the material. This Test Report Form is used by non-BCEC members. If this Test Report Form is used by non-BCEC members, its CB Scheme procedure shall be removed.

**Test item description**  
 Trade Mark :  
 Manufacturer :  
 Model/Type reference :  
 KAPLI FIZIĞI D  
 GONYOFI  
 LUXAR EN T9 L

**CERTIFICATE / SERTİFİKA**  
 ELECTROMAGNETIC COMPATIBILITY / ELEKTROMANYETİK UYUMLUK

Address / Başlık : OOSEL Elektronik San. Tic. A. Ş.  
 Caddesi / Cadde : Çak Çayı  
 A. Blok / Blok : Orta Çökelci Sokak / 13. Sokak No: 4  
 Posta Kod / Posta Kodü : 4746  
 İl / Province : Menisek  
 Ülkü / Country : Turkey / Türkiye

Müşteri / Customer : OOSEL Elektronik San. Tic. A. Ş.  
 A. Blok / Blok : Orta Çökelci Sokak / 13. Sokak No: 4  
 Posta Kod / Posta Kodü : 4746  
 İl / Province : Menisek  
 Ülkü / Country : Turkey / Türkiye

Elektronik aygıtın / Electrical Equipment /  
 Tanımlama / Description : LED T9 LED tüpe  
 Trade Mark / Tüpe Markası : LUXAR  
 Test Yapılan Yer / Test Location : İZMİR

İstifade edilen / Referans /  
 Standard / Standard : IEC 61000-3-2  
 Test Yöntemi / Test Method : Class C / Class B

İstifade edilen / Referans /  
 Standard / Standard : EN 61000-3-2  
 Test Yöntemi / Test Method : Class C / Class B

EN 61000-3-2:2006-A1:2008-A2:2010  
 EN 61000-3-2:2006  
 EN 61000-4-2:2008  
 EN 61000-4-2:2008-A1:2010-A2:2010  
 EN 61000-4-3:2006  
 EN 61000-4-3:2008  
 EN 61000-4-3:2010  
 EN 61000-4-4:2006  
 EN 61000-4-4:2010

The undersigned declares that the described product(s) meet(s) the essential requirements of the standards given above, based on a type-approval assessment. This attestation is provided in our test report with reference to IEC 61000-3-2:2006+A1:2008+A2:2010. Information regarding additional conformity assessment procedures can be requested from our website. The undersigned certifies that the product(s) are suitable for use in the specified geographical area(s). The undersigned certifies that the product(s) are suitable for use in the specified geographical area(s). The undersigned certifies that the product(s) are suitable for use in the specified geographical area(s).  
 İZMİR Test Envanterine Kayı No: T. A. Ş.  
 Kuruluş Tarihi / Issue Date: 17 March 2012  
 Çalışma No / No: 0001201200312  
 A. D. Buildings  
 Certification Manager / T.C. / T.C. / T.C. / T.C.

**CERTIFICATE / SERTİFİKA**

- LVD 2006/95/EC
- EN60598
- EN62560
- EN62031
- EN6134

- EMC 2004/108/EC
- EN55015
- EN61000-3-2
- EN61547





# Reference list

## Over 1.000.000 products installed

### Automotive

- Adient
- Adin
- Assemetal
- Autoliv
- Bosch
- Bosch Rexroth
- Canel
- Componenta
- CMS
- Despa
- Doğa
- Doğu Pres
- Döktaş
- İnci GS Yuasa
- Maysan
- Omsan
- Otoplast
- Presmetal
- Renault
- Standard Profil
- Temel Conta
- Toyota
- Tofaş
- Türk Traktör
- Yarış Oto

### Textile

- Anılsan
- Angora Halı
- Aydın Örme
- Aypa
- Boyteks
- Dagi
- Doksan
- Durkar Halı
- Garanti İplik
- Hugo Boss
- İmka İplik
- Kartal Halı
- Mega Tekstil
- Menderes Tekstil
- Millkay
- Ormo
- Orta Anadolu
- Ottoman
- Özdilek
- Öztaş Çorap
- Polyteks
- Royal Halı
- Sanko
- Sırma Halı
- Şık Apre
- Turkuaz
- Türk Tekstil
- Ünteks
- Vellteks

### Aerospace

- Havaş
- Onur Air
- TAI – TUSAŞ
- THY

### Cement

- Batı Çim
- Batı Söke
- Batı Beton
- Bolu Çimento
- Çimentaş
- Nuh Çimento
- Sançim

### Packing

- Aksedef
- Felda Iffco
- Kaplamin
- Mayr Melnhof
- Graphia
- Sarten

### Machinery

- Ajan CNC
- Durmazlar
- Ermaksan
- İmaş
- Nukon
- Oerlikon
- Vartek

### Pharmaceutical

- Abdi İbrahim
- Bilim İlaç
- Novamed
- Novartis

### Food

- Besler
- Coca-Cola
- Dr. Oetker
- Emek Yağ
- Eker
- Eriş Un
- Eti

- Freshbak
- Kebir Süt
- Kellogg
- Kerevitaş
- Özgür Tarım
- Pakmaya
- Şırlan
- Sütaş
- TAT
- Ülker
- Ünilever
- TAT Gıda

### Logistics

- Ceva
- DHL
- Ekol Lojistik
- Fasdat
- Netlog

### Chemical

- Dow Akxa
- Gübretaş
- Hayat Kimya
- Polisan
- Tüpraş

### Steel

- İzdemir
- Noksel Boru
- Tosçelik
- Yücel Boru

### Others

- Erbakır
- Eczacıbaşı Esan
- Wagner Kablo
- Elif Plastik
- Whirlpool
- ECA
- Mitsubishi Electric
- Eltaş
- Turkuaz Seramik
- Öztiryakiler
- İnoksan
- Ve-ge
- Alkim Kağıt
- İpek Kağıt
- Viking Kağıt



## Reference list

### Over 1.000.000 products installed

#### Supermarket

- Migros
- Macro Center
- Carrefour
- A101
- Koçtaş
- Şok
- BIM
- Pehlivanoğlu

#### Gas Stations

- Shell

#### Retail

- Samsonite
- Puma
- Derimod
- Korkmaz
- Desa
- Çift Geyik Karaca
- Rookie
- Joker
- Kiehl's

#### Automotive Showroom-Service

- Avek
- ALJ
- Otokoç
- İnallar

#### Airports

- Atatürk Airport
- Adnan Menderes Airport
- Milas Airport
- Dalaman Airport
- Zagreb Airport

#### Shopping Malls

- Özdilek
- Corio
- Carrefour

#### Education

- İzmir Ekonomi University
- Asfa Schools
- Dokuz Eylül University

#### Hospitals

- Bayındır Grubu
- Amerikan Hospital
- Acibadem

#### Office

- Turkcell
- QNB

#### Transportation

- İstanbul Transportation
- Eshot
- Estram

#### Hotel

- Calista Hotel
- Swisotel
- Crown Plaza Bursa

# Contact

Factory

Orta Ölçekli Sanayi Bölgesi, 16.Sokak No:3 Yunus Emre 45140  
Manisa Turkey

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Fax:+90 236 233 31 52

Email: [ctc@luxar.com.tr](mailto:ctc@luxar.com.tr)