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EMİTEL-TR
Elektro Man. Uym. Ve İç Dış Tic. Ltd. Şti.
MTK SİTESİ 5746/13 No:12 Bornova
35090 İZMİR/TÜRKİYE

Deney Raporu
Test Report



AB-0684-T

S-1070-
1980-00 TG

07-15

Müşterinin adı /adres:
Customer name/address

ODSEL ELEKTRONİK SANAYİ VE TİCARET A.Ş.
Orta Ölçekli Sanayi Bölgesi, 14.Sokak No:4 Muradiye 45140 Manisa / TURKEY

İstek Numarası:
Order no.

150520yuk1rev02

Numunenin Adı ve Tarifi:
Name and identity of test item

Yüksek Entegre Modül Tavan LED Armatür / High Ceiling Integrated Module Ceiling Mounted LED Luminaire

Numunenin Kabul tarihi:
The date of receipt of test item

2015-06-17

Açıklamalar:
Remarks

Ürün ilgili testlerden geçmiştir, lütfen raporu inceleyiniz. / The product passes related tests, see report below.

Deneyin yapıldığı tarih:
Date of Test

2015-06-17 to 2015-07-02

Raporun Sayfa Sayısı:
Number of pages of the Report

37

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The test and / or measurement results, the uncertainties (if applicable) with confidence probability and test methods are given on the following pages which are parts of this report.

Mühür

Seal



Tarih

Date

2015-07-07

Deney Sorumlusu

Person in charge of test

TİMUR GÜSER

Laboratuvar Müdürü

Head of Testing Laboratory

CANBERK TEKİR

Bu rapor laboratuvarın izni olmadan kısmen kopyalanıp çoğaltılamaz.

İmzasız ve mühürlü raporlar geçersizdir.

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Deney Standardı :

IEC 60598-2-1:1979 (First Edition) + A1:1987 used in conjunction with IEC 60598-1:2014 (Eighth Edition)
Test Standard: EN 60598-2-1:1989/A1 used in conjunction with TS EN 60598-1:2015

Akreditasyon Kapsamında Uygulanan Deneyler:
List of Tests applied under Accreditation Scope:

- 1.5 (3.4) *Etiket Dayanıklılığı / Durability*
- 1.6 (4.12.1) *Tork Testi / Torque Test*
- 1.6 (4.13.1) *Darbe Testi / Impact Test/*
- 1.7 (11.2.1) *Yalıtma- Yüzey Aralıkları Ölçümü / Clearance Creepage Test*
- 1.8 (7) *Toprak Devamlılığı Testi / Earth Continuity Test*
- 1.11 (8.2.5) *Elektrik Şoklarından Korunma / Protection against electric shock*
- 1.12 (12.3.1) *Dayanıklılık Testi / Endurance test*
- 1.12 (12.4.1) *Sıcaklık Testi(Normal Çalışma) / Thermal test (normal operation)*
- 1.13 (9.3) *Neme Dayanıklılık / Humidity test*
- 1.14 (10.2.1) *İzolasyon Direnci Testi / Insulation resistance test*
- 1.14 (10.2.2) *Dielektrik Dayanımı Testi / Electric strength test*
- 1.14 (10.2.3) *Kaçak Akım Testi / Touch current test*

Akreditasyon Kapsamı Dışında Uygulanan Deneyler:
List of Tests not applied under Accreditation Scope:

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emTR_F510_29_Rev2_0 Date of release / Yayın tarihi: 24-06-2015 Author / Yazar: Timur Güser
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TESTREPORT

TEST REPORT
IEC 60598-2-1
Luminaires
Part 2: Particular requirements
Section 1: Fixed general purpose luminaires

Report Number. : S-1070-1980-00 TG

Date of issue..... : 07/07/2015

Total number of pages..... : 37

Testing Laboratory..... : Emitel TR Ltd. Sti.

Address..... : MTK Sitesi 5746/13 Sok. No:12 Camdibi Bornova 35090 Izmir
TURKIYE

Testing location..... : Emitel TR Ltd. Sti.

Address..... : MTK Sitesi 5746/13 Sok. No:12 Camdibi Bornova 35090 Izmir
TURKIYE

Applicant's name : ODSEL ELEKTRONİK SANAYİ VE TİCARET A.Ş.

Address..... : Orta Ölçekli Sanayi Bölgesi, 14.Sokak No:4 Muradiye 45140
Manisa / TURKEY

Test specification:

Standard : IEC 60598-2-1:1979 (First Edition) + A1:1987 used in conjunction
with IEC 60598-1:2014 (Eighth Edition)
EN 60598-2-1:1989/A1 used in conjunction with TS EN 60598-
1:2015

Test procedure..... : Compliance Testing

Non-standard test method : N/A

Test Report Form No. : emTR_F510_29_Rev2_0

Test Report Form(s) Originator : Intertek Semko AB

Master TRF..... : 2014-08

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Test item description..... : High Ceiling Integrated Module Ceiling Mounted LED Luminaire

Trade Mark..... : LUXAR

Manufacturer..... : ODSEL Elektronik San. ve Tic. A.S.

Model/Type reference..... : 2501-417-LIXXYNN
2501-817-LIXXYNN

Ratings..... : 200-240V AC, 124W, 50-60Hz, IP65, Ta= 40°C

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TESTREPORT

List of Attachments (including a total number of pages in each attachment):

Test Report: 34 Pages

Attachment 1 – Equipment of measurement – 1 page

Attachment 2 – Photo Documentation – 2 pages

Summary of testing:

Tests performed (name of test and test clause):

Cl. 1.5 (3.4) Durability
Cl. 1.6 (4.12.1) Torque Test
Cl. 1.6 (4.13.1) Impact Test
Cl. 1.7 (11.2.1) Clearance Creepage Test
Cl. 1.8 (7) Earth Continuity Test
Cl. 1.11 (8.2.5) Protection against electric shock
Cl. 1.12 (12.3.1) Endurance test
Cl. 1.12 (12.4.1) Thermal test (normal operation)
Cl. 1.13 (9.3) Humidity test
Cl. 1.14 (10.2.1) Insulation resistance test
Cl. 1.14 (10.2.2) Electric strength test
Cl. 1.14 (10.2.3) Touch current test

Testing location:

Emitel TR Ltd. Sti.

MTK Sitesi 5746/13 Sok. No:12 Camdibi Bornova
35090 Izmir TURKIYE

Copy of marking plate:



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TESTREPORT

Test item particulars	High Ceiling Integrated Module Ceiling Mounted LED Luminaire
Classification of installation and use	Class I
Supply Connection	Permanent
.....	
Possible test case verdicts:	
- test case does not apply to the test object	N/A
- test object does meet the requirement	P (Pass)
- test object does not meet the requirement	F (Fail)
Testing	
Date of receipt of test item	2015-06-17
Date (s) of performance of tests	2015-06-17 to 2015-07-02
General remarks:	
<p>The test results presented in this report relate only to the object tested. This report shall not be reproduced, except in full, without the written approval of the Issuing testing laboratory. "(See Enclosure #)" refers to additional information appended to the report. "(See appended table)" refers to a table appended to the report. Throughout this report a comma (point) is used as the decimal separator. Clause numbers between brackets refer to clauses in IEC 60598-1</p>	
General product information:	
<p>These products are ceiling-mounted LED luminaires which include LED modules and AC to DC drivers. They should be connected to mains supply by a suitable plug.</p> <p>2501-817-LI60FNN was tested according to the standard above. 2501-417-LI60FNN has the same mechanical and electrical design features with the 2501-417-LI60FNN except that 2501-817-LI60FNN consumes more power because of involving more LED modules than 2501-417-LI60FNN. Thus, 2501-417-LI60FNN was partially tested.</p> <p>The model name can be changed according to the specifications listed below. The explanation of the coding system</p> <p>2501-417-LIXXYNN 2501-817-LIXXYNN</p> <p>XX: CCT Value 30 for 3000K, 40 for 4000K and 6000K Y: Type of Diffuser T for Tempered Glass, F for Tempered Glass + Diffuser</p>	

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