

(Mülga:RG-1/4/2010-27539)

Yüksek Basınçlı Sodyum	Bütün çeşitleri ve sınıfları.
Metal Halojenur	Bütün çeşitleri ve sınıfları.
Endüksiyon Aydınlatmalı	Bütün çeşitleri ve sınıfları.
Boru Şeklinde Fleurosan	26 mm çapında (T8) lambalar, 16 mm çapında (T5) ve 11 W üzerinde sınıflandırılmış yüksek verimli kumanda dişlisine sahip lambalar ve (T12) lineer 2400 mm uzunluğunda fleurosan lambalar.
Kompakt Fleurosan	11W üzerindeki bütün sınıfları ve enerji verimliliği 50 lümen/devreWatt'tan büyük olan bütün çeşit ve sınıfları.
Diğer	Lambanın enerji verimliliği 50 lümen/devreWatt 'tan büyük olan bütün çeşit ve sınıfları.

Genel Aydınlatma İçin Uygun Aydınlatma Kaynakları

EK-3
(Değişik:RG-1/4/2010-27539)
EK- 3 Binalar İçin Düzenlenecek Olan Enerji Kimlik Belgesi

Binanın

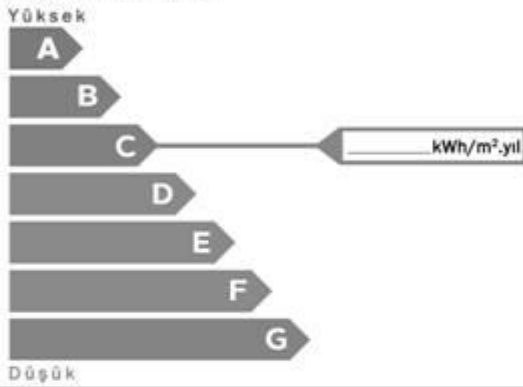
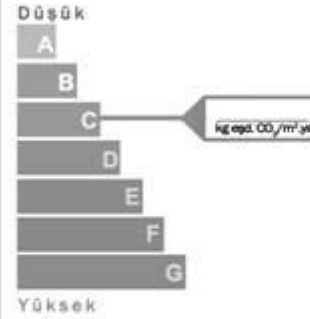
Tipi :
İnşaat Yılı :
Kapalı Kullanma Alanı :
Ada, Parseli :
Adresi :

Bina Sahibinin

Adı Soyadı :
Adresi :

Müşterek Tesisatların Sahibi (gerekliyse)

Adı Soyadı :
Adresi :

Binanın Resmi**Enerji Performansı****SEG Emisyonu****Yenilenebilir Enerji Kullanım Oranı**

%



Enerji Kullanım Alanı	Kullanılan Sistem	Yıllık Enerji Tüketimleri			Sınıf
		Nihai (kWh/yıl)	Birimi (kWh/yıl)	Kullanım Alanı Başına (kWh/m ² .yıl)	
TOPLAM					ABCDEF G
ISITMA					ABCDEF G
SIHHİ SICAK SU					ABCDEF G
SOĞUTMA					ABCDEF G
HAVALANDIRMA					ABCDEF G
AYDINLATMA					ABCDEF G

Açıklamalar**Belgenin**

Numarası :
Veriliş Tarihi :
Son Geçerlilik Tarihi :

Belgeyi Düzenleyenin

Adı Soyadı / Firması :
Oda Sicil Nosu :
İmzası :

(Mülga:RG-1/4/2010-27539) EK- 4a

(Mülga:RG-1/4/2010-27539) EK- 4b

(Mülga:RG-1/4/2010-27539) EK- 5a

(Mülga:RG-1/4/2010-27539) EK- 5b

(Mülga:RG-1/4/2010-27539) EK- 6

(Mülga:RG-1/4/2010-27539) EK- 7

EK- 8a

BEP ile ilgili Türk Standardları Listesi

TS 825	Binalarda Isı Yalıtım	2008
TS EN ISO 10211-1	Bina İnşaatlarında Isıl Köprüler - Isı Akışları ve Yüzey Sıcaklıkları - Bölüm 1: Genel Hesaplama Metotları	2000
TS EN ISO 10211-2	Bina Yapımında Isıl Köprüler- Isı Akışlarının ve Yüzey Sıcaklıklarının Hesaplanması- Bölüm 2: Doğrusal Isıl Köprüler	2001
TS EN ISO 14683	Bina İnşaatı-Isıl Köprüler-Lineer Isıl Geçirgenlik-Basitleştirilmiş Metot ve Hatasız Değerler	2000
TS EN ISO 6946	Yapı bileşenleri ve yapı elemanları - Isıl direnç ve ısı geçirgenlik hesaplama metodu	2007
TS EN 12207	Pencereler ve kapılar - Hava geçirgenliği - Sınıflandırma	2004
TS EN 13829	Binaların Isıl Performansı- Binaların Hava Geçirgenliğinin Tayini- Fan Basıncı Altında Tutma Deneyi	2001
TS 2164	Kalorifer Tesisatı Projelendirme Kuralları	1983
TS 11389 EN 13384-1	Bacalar – Isı ve akışkan dinamiği hesaplama metotları – Bölüm 1: Tek ısıtma tertibatına bağlı bacalar	2006

TS 11388 EN 13384-2	Bacalar – Isı ve akışkan dinamiği hesaplama metotları – Bölüm 2: Birden çok ısıtma tertibatına bağlı bacalar	2006
TS 2192	Kalorifer Tesisatı Yerleştirme Kuralları	1976
TS EN 378-1	Soğutma sistemleri ve ısı pompaları - Güvenlik ve çevre kuralları - Bölüm 1: Temel kurallar, tarifler, sınıflandırma ve seçim kriterleri	2007
TS EN 378-2	Soğutma sistemleri ve ısı pompaları - Güvenlik ve çevre kuralları- Bölüm 2: Tasarım, yapım, deney, işaretleme ve dokümantasyon	2004
TS EN 378-3	Soğutma Sistemleri ve Isı Pompaları - Güvenlik ve Çevre Kuralları- Bölüm 3: Tesis Yeri ve Personel Koruma	2002
TS EN 378-4	Soğutma Sistemleri ve Isı Pompaları- Güvenlik ve Çevre Kuralları- Bölüm 4: İşletme, Bakım, Onarım ve Geri Kazanım	2001
TS 3419	Havalandırma Ve İklimlendirme Tesisleri - Projelendirme Kuralları	2002
TS 5895	Merkezi Klima (İklimlendirme) ve Havalandırma Tesislerinin İşletme ve Bakım Kuralları	1998
TS 3420	Havalandırma ve İklimlendirme Tesislerini Yerleştirme Kuralları	1979
TS EN 1507	Havalandırma-Binalarda-Kanal Şebekesi-Dikdörtgen Enkesitli Sac Metal Hava Kanalları-Dayanım ve Sızdırmazlık-Özellik ve Deneyler	2006
TS EN 12237	Binalarda havalandırma – Kanal şebekesi – Dairesel sac metal kanallar – Dayanım ve sızdırmazlık	2006
TS EN 14336	Isıtma sistemleri - Binalar için - Su esaslı ısıtma sistemlerinin tesisi ve işletmeye alınması	2007
TS EN 26	Ani Su Isıtıcılar (Şofbenler)-Gaz Yakan, Atmosferik Brülörlü	2006
TS EN 89	Isıtıcılar – Gaz yakan – Ev tipi – Sıcak su üretimi için depolu su ısıtıcılar	2008
TS EN 12975-1	Isıl güneş enerji sistemleri ve bileşenleri-Güneş enerjisi kolektörleri-Bölüm 1:Genel Kurallar	2008
TS 3817	Güneş Enerjisi - Su Isıtma Sistemlerinin Yapım Tesis ve İşletme Kuralları	1994
TS EN 215	Radyatör vanaları – termostatik –Özellikler ve deney metotları	2007
TS EN 832	Binaların Isıl Performansı – Meskenlerde Isıtma Amacıyla Kullanılan Enerjinin Hesaplanması	2007
TS EN 834	Isı Maliyet Bölüştürücüleri - Radyatör Isı Tüketiminin Belirlenmesinde Kullanılan - Elektrik Enerjisi İle Çalışan	1997
TS 4041	Kazanlar- Anma Isı Gücü Ve Verim Deneyleri Esasları	1983
TS ISO 9459-1	Güneş Enerjisiyle Isıtma-Konut Su Isıtma Sistemleri-Bölüm 1:İç Ortam Deney Metotları Kullanılarak Performans Değerlendirme İşlemi	1999
TS ISO 9459-2	Güneş Enerjisi Konut Su Isıtma Sistemleri Bölüm 2: Sadece Güneş Enerjili Sistemlerin Yıllık Performans Tahmini Ve Sistem Performans Karakteristikleri İçin Dış Ortam Deney Metodu	2000

(Değişik:RG-1/4/2010-27539)

EK- 8b*EK- 8b. BEP ile ilgili Avrupa Standardları Listesi*

EN 12170	Heating systems in buildings - Procedure for the preparation of documents for operation, maintenance and use - Heating systems requiring a trained operator	2002
EN 12171	Heating systems in buildings - Procedure for the preparation of documents for operation, maintenance and use - Heating systems not requiring a trained operator	2002
EN 12828	Heating systems in buildings - Design for water-based heating systems	2003
EN 12831	Heating systems in buildings - Method for calculation of the design heat load	2003
EN 14336	Heating Systems in buildings - Installation and commissioning of the water based heating systems	2004
EN 15240	Ventilation for Buildings - Energy performance of buildings : Guidelines for the inspection of air-conditioning systems.	2007
EN 15243	Ventilation for Buildings - Calculation of room temperatures and of load and energy for buildings with room conditioning systems	2007
EN 15316-1	Heating systems in buildings - Method for calculation of system energy requirements and system efficiencies - Part 1: General	2007
EN 15316-2-1	Heating systems in buildings - Method for calculation of system energy requirements and system efficiencies : Part 2.1: Space heating emission systems	2007
EN 15316-2-3	Heating systems in buildings - Method for calculation of system energy requirements and system efficiencies - Part 2-3: Space heating distribution systems	2007
EN 15316-3-1	Heating systems in buildings - Method for calculation of system energy requirements and system efficiencies - Part 3: Domestic hot water systems	2007
EN 15316-3-2	Heating systems in buildings - Method for calculation of system energy requirements and system efficiencies - Part 3-2: Domestic hot water systems, distribution	2007
EN 15316-3-3	Heating systems in buildings - Method for calculation of system energy requirements and system efficiencies - Part 3-3: Domestic hot water systems, generation	2007
EN 15316-4-3	Heating systems in buildings - Method for calculation of system energy requirements and system efficiencies - Part 4-3: Heat generation systems, thermal solar systems	2007
EN 15316-4-4	Heating systems in buildings - Method for calculation of system energy requirements and system efficiencies - Part 4-4: Heat generation systems, building-integrated cogeneration systems	2007
EN 15316-4-5	Heating systems in buildings - Method for calculation of system energy requirements and system efficiencies - Part 4-5: Space heating generation systems, the performance and quality of district heating and large volume systems	2007
EN 15316-4-6	Heating systems in buildings - Method for calculation of system energy requirements and system efficiencies - Part 4-6: Heat generation systems, photovoltaic systems	
EN 15377-3	Design of embedded water based surface heating and cooling systems	2007
EN 15378	Energy performance of buildings: Inspection of boilers and heating systems	

EN 15217	Energy performance of buildings - Methods of expressing energy performance and for energy certification of buildings	2007
EN 12464-1	Light and lighting - Lighting of work places - Part 1: Indoor work places	2002
EN 12464-2	Light and lighting - Lighting of work places - Part 2: outdoor work places	2007
EN 12665	Light and lighting - Basic terms and criteria for specifying lighting requirements	2002
EN 13032-1	Light and lighting - Measurement and presentation of photometric data of lamps and luminaires - Part 1 : Measurement and file format	2004
EN 13032-1/AC:2005	Light and lighting - Measurement and presentation of photometric data of lamps and luminaires - Part 1 : Measurement and file format	2005
EN 13032-2	Light and lighting - Measurement and presentation of photometric data of lamps and luminaires - Part 2 : Presentation of data for indoor and outdoor work places	2005
EN 13032-2/AC:2007	Light and Lighting - Measurement and presentation of photometric data of lamps and luminaires- Part 2 : Presentation of data for indor and outdoor work places	2007
EN 15193	Energy performance of buildings - Energy requirements for lighting	2007
EN 12097	Ventilation for buildings - Ductwork - Requirements for ductwork components to facilitate maintenance of ductwork systems	2006
EN 12220	Ventilation for buildings - Ductwork - Dimensions of circular flanges for general ventilation	1998
EN 12236	Ventilation for buildings - Ductwork hangers and supports - Requirements for strength	2002
EN 12237	Ventilation for buildings - Ductwork - Strength and leakage of circular sheet metal ducts	2003
EN 12238	Ventilation for buildings - Air terminal devices - Aerodynamic testing and rating for mixed flow application	2001
EN 12239	Ventilation for buildings - Air terminal devices - Aerodynamic testing and rating for displacement flow applications	2001
EN 12589	Ventilation for buildings - Air terminal units - Aerodynamic testing and rating of constant and variable rate terminal units	2001
EN 12599	Ventilation for buildings - Test procedures and measuring methods for handing over installed ventilation and air conditioning systems	2000
EN 12792	Ventilation for buildings. Symbols, terminology and graphical symbols	2003
EN 13030	Ventilation for buildings - Terminals - Performance testing of louvres subjected to simulated rain	2001
EN 13053	Ventilation for buildings - Air handling units - Ratings and performance for units, components and sections	2006
EN 13141-1	Ventilation for buildings - Performance testing of components/ products for residential ventilation - Part 1. Externally and internally mounted air transfer devices	2004
EN 13141-2	Ventilation for buildings - Performance testing of components/products for residential ventilation - Part 2. Exhaust and supply air terminal devices	2004
EN 13141-3	Ventilation for buildings - Performance testing of components/products for residential ventilation - Part 3. Range hoods for residential use	2004
EN 13141-4	Ventilation for buildings – Performance testing of components/products for residential ventilation - Part 4. Fans used in residential ventilation systems	2004
EN 13141-5	Ventilation for buildings - Performance testing of components/products for residential ventilation - Part 5. Cowls and roof outlet terminal devices	2004

EN 13141-6	Ventilation for buildings - Performance testing of components/products for residential ventilation - Part 6. Exhaust ventilation system packages used in a single dwelling	2004
EN 13141-7	Performance testing of components/products for residential ventilation - Part 7: Performance testing of a mechanical supply and exhaust ventilation units (including heat recovery) for mechanical ventilation systems intended for single family dwellings	2004
EN 13141-8	Ventilation for buildings - Performance testing of components/products for residential ventilation - Part 8: Performance testing of un-ducted mechanical supply and exhaust ventilation units for mechanical ventilation systems	2006
EN 13142	Ventilation for buildings – Components / products for residential ventilation – Required and optional performances characteristics	2004
EN 13180	ventilation for buildings - Ductwork - Dimensions and mechanical requirements for flexible ducts.	2001
EN 13181	Ventilation for buildings - Terminals - Performance testing of louvres subject to simulated sand	2001
EN 13182	Ventilation for buildings - Instrumentation requirements for air velocity measurements in ventilated spaces	2002
EN 13264	Ventilation for buildings - Terminals - Floor mounted air terminal devices - Tests for structural classification	2001
EN 13403	Ventilation for buildings. Non metallic ducts. Ductwork made from insulation ductboards	2003
EN 13465	Ventilation for buildings - Calculation methods for the determination of air flow rates in dwellings	2004
EN 13829	Thermal performance of buildings - Determination of air permeability of buildings - Fan pressurization method (ISO 9972:1996, modified)	2001
EN 14134	Ventilation for buildings - Performance testing and installation checks of residential ventilation systems	2004
EN 14239	Ventilation for buildings - Ductwork - Measurement of ductwork surface area	2004
EN 14240	Ventilation for buildings - Chilled ceilings - Testing and rating	2004
EN 14277	Ventilation for buildings - Air terminal devices - Method for airflow measurement by calibrated sensors in or close to ATD/Plenum boxes	2006
EN 14518	Ventilation for buildings - Chilled beams - Testing and rating of passive chilled beams	2005
EN 1505	Ventilation for buildings - Sheet metal air ducts and fittings with rectangular cross section - Dimensions	1997
EN 1506	Ventilation for buildings - Sheet metal air ducts and fittings with circular cross-section - Dimensions	1997
EN 1507	Ventilation for buildings - Sheet metal air ducts with rectangular section - Requirements for strength and leakage	2006
EN 15239	Ventilation for buildings - Energy performance of buildings - Guidelines for inspection of ventilation systems	2007
EN 15242	Ventilation for buildings - Calculation methods for the determination of air flow rates in buildings including infiltration	2007
EN 15251	Indoor environmental input parameters for design and assessment of energy performance of buildings addressing indoor air quality, thermal environment, lighting and acoustics	2007
EN 1751	Ventilation for buildings - Air terminal devices - Aerodynamic testing of dampers and valves	1998
EN 1886	Ventilation for buildings - Air handling units - Mechanical performance	1998
EN 24185	Measurement of liquid flow in closed conduits - Weighing method	

EN 779	Particulate air filters for general ventilation - Determination of the filtration performance	
EN ISO 5167-1	Measurement of fluid flow by means of pressure differential devices inserted in circular cross-section conduits running full - Part 1: General principles and requirements	
EN 15232	Energy performance of buildings - Impact of Building Automation, Controls and Building Management	2007
EN 15255	Thermal performance of buildings - Sensible room cooling load calculation - General criteria and validation procedures	2007
EN ISO 13791	Thermal performance of buildings - Calculation of internal temperatures of a room in summer without mechanical cooling - General criteria and validation procedures	2004
EN ISO 13792	Thermal performance of buildings - Calculation of internal temperatures of a room in summer without mechanical cooling - Simplified methods	