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[osaka]
LED Panel

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TLT PANEL

TLT DİZAYN

Arka

TLT
Turk LED Technologies

TLT PANEL

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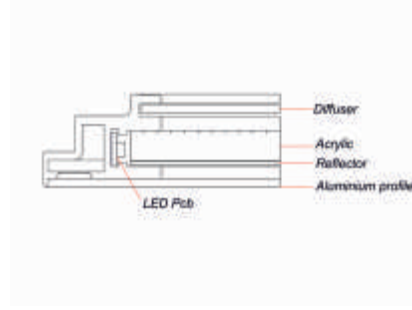
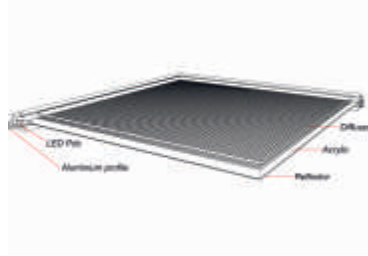
Biz / Us	3
Teknoloji Technology	4
LED Panel Teknolojisi LED Panel Technology	5
LED Panel Montaj Tipleri LED Panel Installation Types	6
Sıva Altı LED Panel Recessed	7-8
LED Panel Clip-in	9-10
LED Panel Alçıpan for Gypsum Board	11-12
LED Panel Sarkıt Pendant	13-14
LED Panel Sıva Üstü Surface Mounted	15-16
LED Panel Desenli Patterned	17-18
LED Linear Flat Difüzör	19-20
LED Linear U Difüzör	21-22
LED Dekopanel -V	23-24
LED Dekopanel -Y	25-26
LED Dekopanel -E	27-28
LED Dekopanel -D	29-30
LED Dekopanel -K	31-32
LED Abajur Lampshade	33-34
LED Lambader Floorlamp	35-36
LED Lightbox	37-38
LED Menu Board	39-40
LED Billboard	41-42
Projeler Projects	43-44
	45-46
	47-48
	49-50
Sertifikalar Certificates	53

Bilinen tüm yöntemlerin dışında bir method ile yüzeyler aydınlatan OSAKA LED PANEL SAN. TIC. LTD. ŞTİ. profesyonel aydınlatma armatürlerinde TLT PANEL, dekoratif aydınlatma ürünlerinde TLT DIZAYN markalarıyla üretim yapar.

Sahip olduğu patent ile ürettiği aydınlatılmış yüzeyler, aynı zamanda reklam dünyasında Light Box olarak bilinen ışıklı kutularda da kullanılmaktadır. Mimar, mühendis ve tasarımcılardan oluşan, alanlarında uzman, imalat ve AR-GE kadrosuyla üretim yapar. Ürettiği aydınlatma panellerinin kalite, süreklilik ve uzun ömürlülüğü, güvencesi altındadır.

OSAKA LED PANEL SAN. TIC. LTD. ŞTİ. is manufacturing besides using the known methods by brands TLT PANEL that is for professional luminaire products and TLT DIZAYN that is for decorative lightings. We have a patented way to produce illuminated surfaces, and this luminaires are known as LIGHT BOX in advertising sector.

Our firm includes architects, engineers, designers, R&D staff and employees who are specialists in manufacturing. We guaranteed quality, continuance and service life of our lighting products.

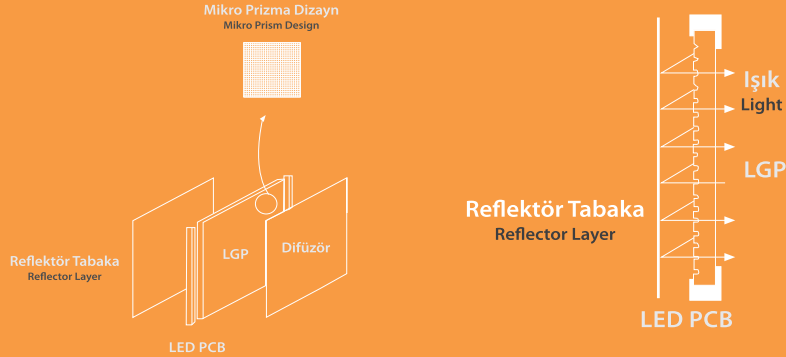


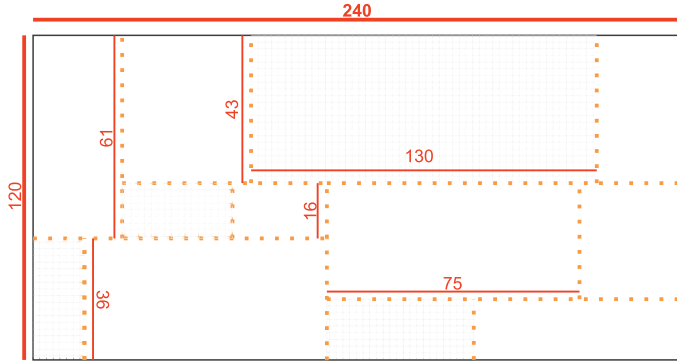
LED Paneller, kolay ve anlaşılır bir ifade ile kenardan aldığı ışığı yüzeyine eşit bir şekilde yayma prensibine dayanır. Panel, Optik Akrilik'dir ve yüzeyindeki ışık yolları Patentli Mikro Prizma Algoritması ile dizayn edilir. Bu Prizma dizaynların en önemli özelliği, Panelin yüzeyinde homojen bir yapı oluşturmastır. Yani geleneksel aydınlatmada karşılaşılan bazı bölgelerin çok parlak buna karşın bazı bölgelerin ise gölgeli olma problemi ortadan kaldırılmıştır.

LED Panellerin kullanım alanları ; Ofisler, Alışveriş Merkezleri, İş Merkezleri, Okullar, Hastaneler, Otoparklar ve kısaca söylemek gerekirse aydınlatma ile ilgili aklınıza gelebilecek her yerde bu ürünler kullanılabilmektedir. Mimari uygulamalarda ve dekoratif aydınlatmada da tercih edilen LED Paneller, aynı zamanda reklam sektöründe de Light Box olarak yer almaktadır.

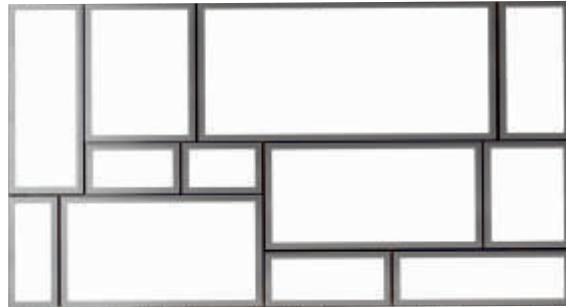
The easiest and most straight forward way to explain LED Panels; are based on the principle of spread the light, which is coming from the edge side, evenly across the surface. Panel is optical acrylic and light paths on the surface are designed with the that it creates a homogeneous structure on the surface of the panel. The problems which encountered in the traditional lighting as some very bright and shaded areas have been eliminated by this design.

LED Panels have wide usage areas like offices, malls, trade centers, schools/campuses, hospitals, parking areas, architectural practices and decorative lighting. LED Panels also take places in advertising sector as Light Boxes. Bottom line you can use LED Panels wherever you need lighting.





İstenilen her ebatta LED Panel !..
Any desired size of LED Panel



Sıva Altı

Recessed LED Panel



Clip-in

Clip-in



Alçı Tavan

LED Panel for gypsum ceiling



Sarkıt

Pendant LED Panel



Sıva Üstü

Surface Mounted LED Panel

Sıva Altı LED Panel

Recessed LED Panel

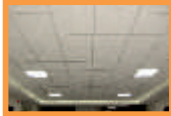


OSRAM LED
OSRAM Driver



Sıva Altı Montaj Uygulaması

Recessed Installation Application



Yeni Yineleme Tavan.
Mineral Fiber Suspended Ceiling.



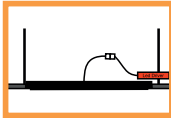
Özellikle alüminyum bağlama gerektirir. LED
Paneli yatacağı adaptör - 220V jelakka bağlanacaktır.
yapılır.
Switch off the electrical fuse, make the
connection for adaptor - electrical cable.



LED Paneli aynısı tarafta, LED Paneli içi olan
kısma yerleştirilir.
Put the LED Panel into ceiling place.



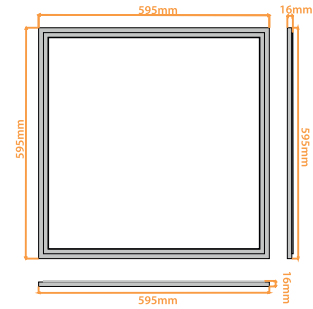
LED Paneli ön yüzünü aşağı bakarak pakette
aynısı tarafı içine doğru yerleştirilir.
Put the LED Panel to look down into recessed
ceiling place.



LED Paneli kablolardan gözükmemesi için kablo
arızasına uğrayacak şekilde yerine yerleştirilmeli.
Put the LED Panel into its place and make the
electrical connection safety.



Sıva Altı LED Panel
Recessed LED Panel



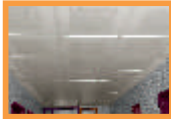
BOYUT / SIZE	595x595x16 mm	295x295x16 mm	295x1145x16 mm
AĞIRLIK / WEIGHT	3 kg	1,5 kg	2,8 kg
GİRİŞ VOLTAJ / INPUT VOLTAGE	220-240 V A.C. 50/60hz		
İŞIK KAYNAĞI / LIGHT SOURCE	OSRAM LED		
SÜRÜCÜ / DRIVER	PHILIPS		
TÜKETİM GÜCÜ / POWER CONSUMPTION	30 W	15 W	30 W
İŞIK RENKLERİ / CCT	3000K, 4000K, 6500K		
KULLANIM ÖMRÜ / LIFE TIME	50.000 h(L70)		
ORTAM SICAKLIĞI / AMBIENT TEMPERATURE	-25 °C / +45 °C		
İŞIK AKISI / LUMINOUS FLUX	2750 lm	1375 lm	2750 lm
VERİMLİLİK / EFFICIENCY	92 lm/W	92 lm /W	92 lm/W
RENKSEL GERİVERİM DEĞERİ / CRI	84		
GARANTİ (Yıl) / WARRANTY (Year)	3		

OSRAM LED
OSRAM Driver



Clip-in Montaj Uygulaması

Clip-in Installation Application



Clip-in Tavan.
Clip-in Ceiling.



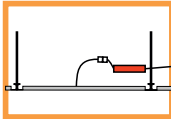
Şişirte yalvarını kapalı konuma getiriniz. LED Panel yalvarını Adaptor - 220V şişirte bağlayınız. yalvarını.
Switch off the electrical fuse, make the AC electrical connection for LED Panel - adaptor safety.



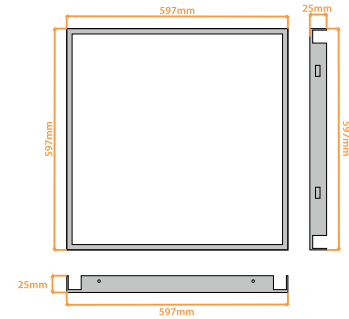
LED Paneli Clip-in tavanı, LED Panel için olan kama klemşiler clip-in tavanlara denk gelene kadar yerleştiriniz.
On the clip-in ceiling, place the LED Panel with suitable side with tabs for its position.



LED Paneli kabızden güçlenerek ve kama arasına sokulmuşken kabızde tavanlara denk gelene kadar yerleştiriniz.
Put the LED Panel into its place and make the electrical connection safely.



LED Paneli in şişirte sağlı hakeşık şekilde Clip-in tavan içinde yerden göre tavanlara olurlarına yerleştiriniz.
Put the LED Panel to look down into clip-in ceiling place.



BOYUT / SIZE	597x597x25 mm	297x297x25 mm
AĞIRLIK / WEIGHT	3 kg	1,5 kg
GİRİŞ VOLTAJI / INPUT VOLTAGE	220-240 V AC - 50/60hz	
İŞİK KAYNAĞI / LIGHT SOURCE	OSRAM LED	
SÜRÜCÜ / DRIVER	PHILIPS	
TÜKETİM GÜCÜ / POWER CONSUMPTION	30 W	15 W
İŞİK RENKLERİ / CCT	3000K, 4000K, 6500K	
KULLANIM ÖMRÜ / LIFE TIME	50.000 h(L ₇₀)	
ORTAM SICAKLIĞI / AMBIENT TEMPERATURE	-25 °C / +45 °C	
İŞİK AKISI / LUMINOUS FLUX	2750 lm	1375 lm
VERİMLİLİK / EFFICIENCY	92 lm/W	92 lm /W
RENKSEL GERİVERİM DEĞERİ / CRI	≥ 80(typ. 85)	
GARANTİ (Yıl) / WARRANTY (Year)	3	

LED Panel Alçıpan

LED Panel for gypsum board

OSRAM LED
OSRAM Driver



Alçıpan Montaj Uygulaması

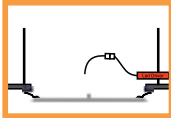
Gypsum Ceiling Installation Application



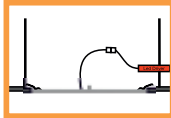
Alçıpan tavani LED Panel ölçülerine göre kesiniz.
Cut the gypsum ceiling with suitable sizes.



Sigorta yalıtımı kapalı konuma getiriniz, LED Paneli güvenli olarak 220V jakeine bağlayınız.
Switch off the electrical fuse, make the connection for adaptor - electrical cable safety.



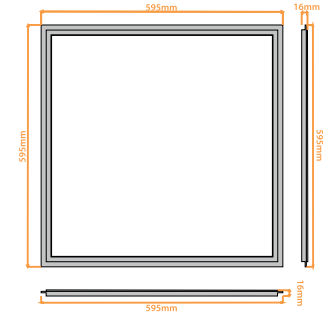
LED Paneli ön yüzünü aşağı bakacak şekilde alçıpan içine yerleştiriniz.
Put the LED Panel to look down into gypsum ceiling place.



Spring kablo çıkışlarını gerdirerek LED Panelin pozisyonu sağlamaktır. Kablo ile aralara sıkıca monte edilmiş olarak montajı tamamlayınız.
Put the LED Panel while spring cable tensioned into its place and make the electrical connection safely.

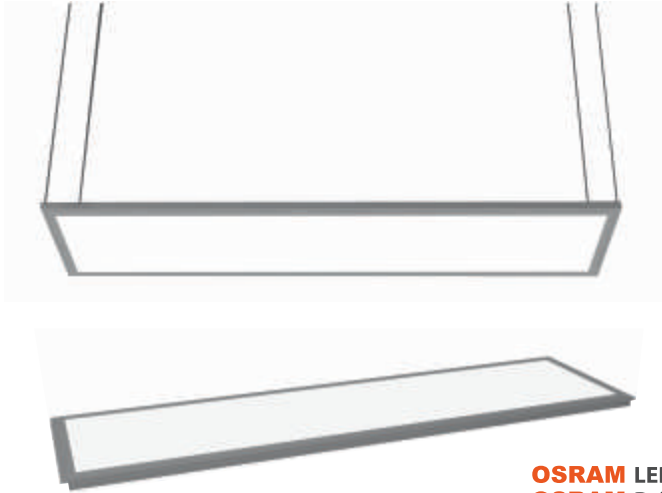


LED Panel Alçıpan
LED Panel for gypsum board



BOYUT / SIZE	595x595x16 mm	295x295x16 mm	295x1145x16 mm
AĞIRLIK / WEIGHT	3 kg	1,5 kg	2,8 kg
GİRİŞ VOLTAJI / INPUT VOLTAGE	220-240 V AC - 50/60hz		
ISIK KAYNAĞI / LIGHT SOURCE	OSRAM LED		
SÜRÜCÜ / DRIVER	PHILIPS		
TÜKETİM GÜCÜ / POWER CONSUMPTION	30 W	15 W	30 W
ISIK RENKLERİ / CCT	3000K, 4000K, 6500K		
KULLANIM ÖMRÜ / LIFE TIME	50.000 h(L70)		
ORTAM SICAKLIĞI / AMBIENT TEMPERATURE	-25 °C / +45 °C		
ISIK AKISI / LUMINOUS FLUX	2750 lm	1375 lm	2750 lm
VERİMLİLİK / EFFICIENCY	92 lm/W	92 lm/W	92 lm/W
RENKSEL GERİVERİM DEĞERİ / CRI	84		
GARANTİ (Yıl) / WARRANTY (Year)	3		

LED Panel Sarkit Pendant LED Panel



OSRAM LED
OSRAM Driver

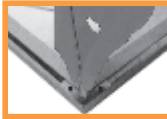
Sarkit Montaj Uygulaması Pendant Installation Application



Akısı aparatların tavan kareliği için, LED Panel
ölçülerini ve yeni ölçülerini ölçün.
Measure the holes for width and length for the
pendant fittings from LED Panel.



Akışınıza ölçülere göre tavana aparat deliklerini
açın. Tavan kareliği aparatlarını monte ediniz.
Open the holes with drill for pendants according
to measurements. Install the pendant apparatus on
ceiling.



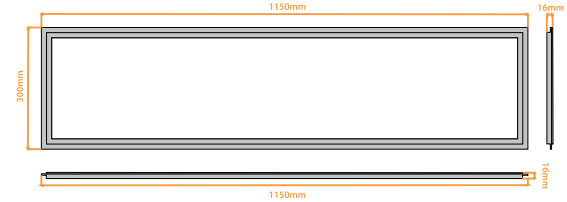
LED Panelin sarkit aparatlarını gösterilen şekilde
takınız.
Place the pendants onto LED Panels as shown
in the figure.



LED Paneli kaldırınız, tavan paneli üzerindeki
aparatları takınız.
Lift up the LED Panel to place pendants onto
suitable holes.



Elektrik aletleri kapalı konuma getiriniz. Adaptörün
220V prizeye bağlanmasını yapınız. Adaptör - LED Panel
aracılığıyla elektrik kablosunu birleştiriniz.
Switch off the electrical fuse, make the AC electrical
connector for LED Panel - adaptor then connect the
sockets for adaptor safely.

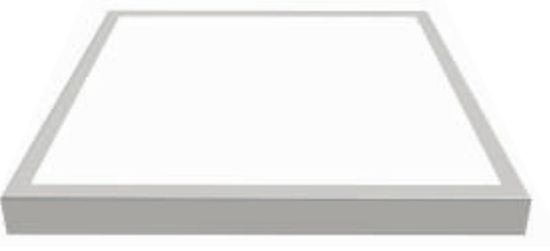
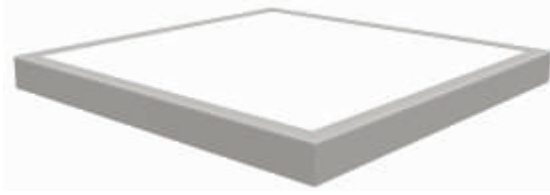


BOYUT / SIZE	595x595x16 mm	295x1145x16 mm
AĞIRLIK / WEIGHT	3 kg	2,8 kg
GİRİŞ VOLTAJI / INPUT VOLTAGE	220-240 V AC - 50/60hz	
ISIK KAYNAĞI / LIGHT SOURCE	OSRAM LED	
SÜRÜCÜ / DRIVER	PHILIPS	
TÜKETİM GÜCÜ / POWER CONSUMPTION	30 W	30 W
ISIK RENKLERİ / CCT	3000K, 4000K, 6500K	
KULLANIM ÖMRÜ / LIFE TIME	50.000 h (L70)	
ORTAM SICAKLIĞI / AMBIENT TEMPERATURE	-25 C / +45 C	
ISIK AKISI / LUMINOUS FLUX	27500 lm	2750 lm
VERİMLİLİK / EFFICIENCY	92 lm/W	92 lm/W
RENKSEL GERİVERİM DEĞERİ / CRI	84	
GARANTİ (YIL) / WARRANTY (Year)	3	

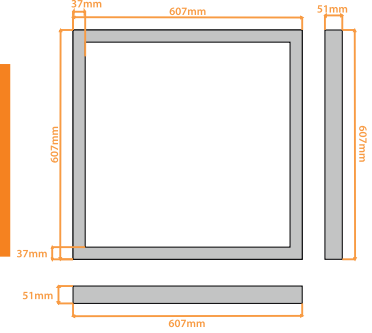
LED Panel Sıva Üstü

Surface Mounted LED Panel

OSRAM LED
OSRAM Driver



LED Panel Sıva Üstü
Surface Mounted LED Panel



Sıva Üstü Montaj Uygulaması

Surface Mounted Installation Application



Sıvaya salıverilecek kapak kenarına getirilince, salıverilecek kablolara orta delikten kasa içine alınır, diğer yerlerinden ise (sıva) yerleştirilir.

Switch off the electrical fuse, take the electrical cables into the panel from the centered hole. Please make the marks for holes on ceiling.



Marking to (sıva)deliklere yerleri deliniz, plâstik delikleri parçalayınız. Kasa içine kabloları sokunuz. Önce adaptörü ile kasa içine (220-240V) bağlayınız.

Open the holes with drill to mark points, then insert the plastic cap into hole. Insert the screws into the placed plastic cap for casing. Make the AC electrical connection for panel and adaptor safety.



Ölçün soketini / Adaptör Soketi (240C) bağlayınız.

Make the DC connection for panel and its adaptor within ready sockets.

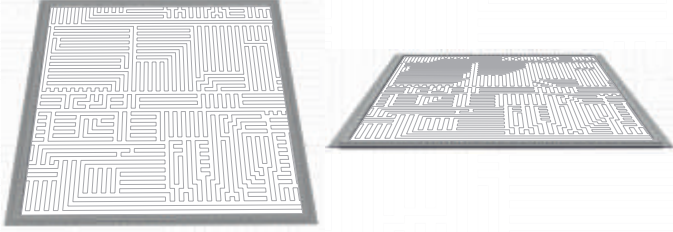


Kasa yan taraflarında bulunan delikler vasıtasıyla (sıva) kasa içine sokulmalıdır. Önce kabinin içine sokulmalıdır. Kabinin içine sokulmalıdır.

Insert the screws from casing holes at side hole to panel. Please point the labels to close holes at side hole to casing.

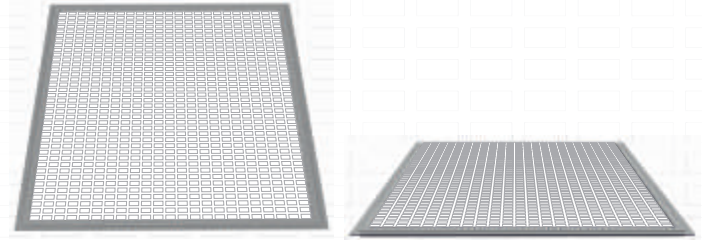
BOYUT / SIZE	607x607x51 mm	307x307x51 mm	307x1157x51 mm
AĞIRLIK / WEIGHT	3 kg	2,8 kg	3 kg
GİRİŞ VOLTAJI / INPUT VOLTAGE	220-240 V AC - 50/60hz		
ISIK KAYNAĞI / LIGHT SOURCE	OSRAM LED		
SÜRÜCÜ / DRIVER	PHILIPS		
TÜKETİM GÜCÜ / POWER CONSUMPTION	30 W	15 W	30 W
ISIK RENKLERİ / CCT	3000K, 4000K, 6500K		
KULLANIM ÖMRÜ / LIFE TIME	50.000 h (L70)		
ORTAM SICAKLIĞI / AMBIENT TEMPERATURE	-25 °C / +45 °C		
ISIK AKISI / LUMINOUS FLUX	2750 lm	1375 lm	2750 lm
VERİMLİLİK / EFFICIENCY	92 lm/W	92 lm/W	92 lm/W
RENKSEL GERİVERİM DEĞERİ / CRI	84		
GARANTİ (Yıl) / WARRANTY (Year)	3		

LED Panel Labirent
LED Panel Maze

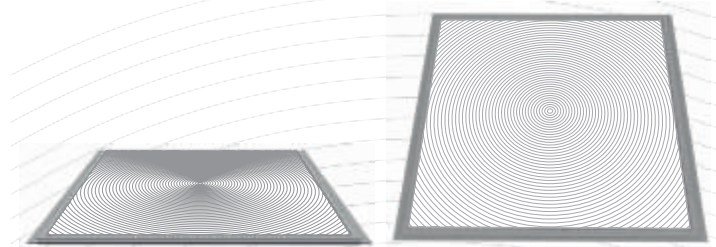


OSRAM LED
OSRAM Driver

LED Panel Dikdörtgen
LED Panel Rectangular



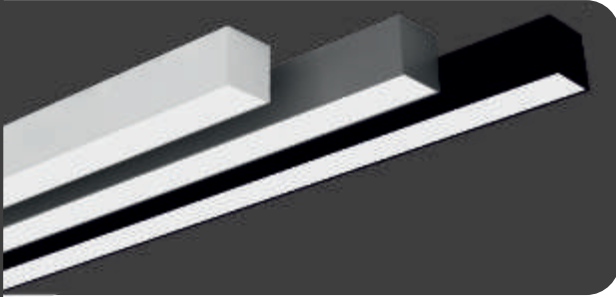
LED Panel Spiral
LED Panel Helical



LED Panel Yuvarlak
LED Panel Circle

LED Lineer Flat Difüzör

LED Linear Flat Diffuser



Sarkıt Montaj Uygulaması

Pendant Installation Application



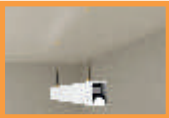
Tavana montaj deliklerini açınız. Sarkıt aparatını tavana kurabilirsiniz.

Open the holes for installation. Please the pendants on the ceiling.



Sarkıt tellerini aparatın altına, Lineer Armatürü kaldırarak, arkalı sarkıt aparatına takınız.

Place the pendant staff into. Lift up the panel then place the staff wires into pendant.



Diğerde güvenli kablo kurulumu, getiriniz. Lineer Armatürü arkı komandan kabloya koyunuz. 220V voltajla bağlanmasını yapınız.

Switch off the electrical fuse, take the electrical cables into the panel from the upper side of the panel. Make the AC electrical connection safely.



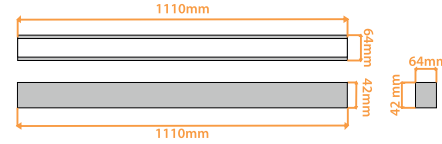
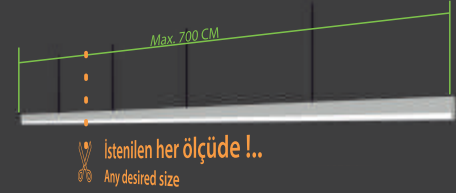
Önün kapakını kapatıp montajı tamamlayınız.

Finish the installation by placed the side covers for Panel.

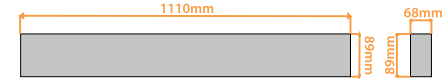


LED Lineer Flat Difüzör

LED Linear Flat Diffuser



Driver Harici Model
External Driver



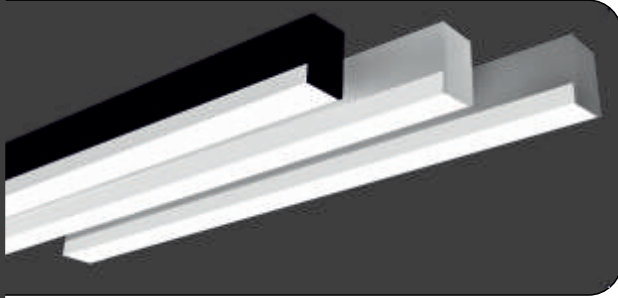
Driver Dahili Model
Internal Driver

Flat Diffuser

BOYUT / SIZE	1110x68x89 mm
AĞIRLIK / WEIGHT	2,7 kg
GİRİŞ VOLTAJ / INPUT VOLTAGE	100-240 V AC - 50/60hz
İŞIK KAYNAGI / LIGHT SOURCE	SMD LED
TÜKETİM GÜCÜ / POWER CONSUMPTION	34 W
İŞIK RENKLERİ / CCT	3000K, 4000K, 6500K
KULLANIM ÖMRÜ / LIFE TIME	50.000 h(L ₇₀)
ORTAM SICAKLIĞI / AMBIENT TEMPERATURE	-25 °C / +45 °C
İŞIK AKISI / LUMINOUS FLUX	2950 lm
VERİMLİLİK / EFFICIENCY	87 lm/W
RENKSEL GERİVERİM DEĞERİ / CRI	≥80
GARANTİ (YIL) / WARRANTY (Year)	2

LED Linear U Difüzör

LED Linear U Diffuser



Sıva Üstü Montaj Uygulaması

Surface Mounted Installation Application



Tavan montaj deliklerini açınız. Yuvaya Sıva
Özelliklerine bakınız.
Open the holes for installation. Place the round
apparatus for surface mount.



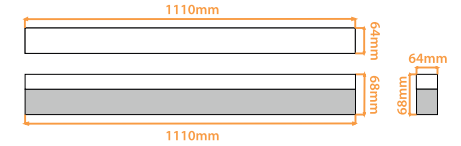
Şişirtici aletlerle kapak kenarını genişletiniz. Linear
Aramatörün üst kenarından kabloları taşıyıcı deliklere
gözetilerek 220V elektrik aletlerine bağlayınız.
Switch off the electrical fuse, take the electrical
cables into the panel from the upper side of the panel.
Make the AC electrical connection safely.



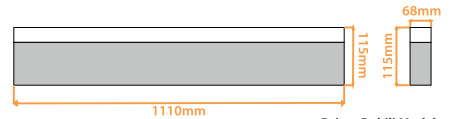
Linear Aramatörün üst kenar boşluklarından yuvaya
Sıva Üstü aletlerine aletleri yerleştiriniz.
Place the round apparatus into channel slot on
the LED Panel.



Linear Aramatörün kapaklarını kapatıp montajı
tamamlayınız.
Finish the installation by placed the side covers
for panel.



Driver Harici Model
External Driver

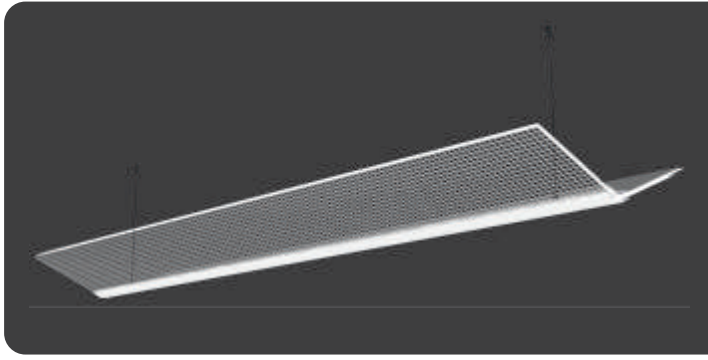


Driver Dahili Model
Internal Driver

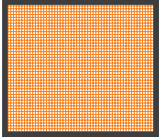
U Diffuser	
BOYUT / SIZE	115x1110x68 mm
AĞIRLIK / WEIGHT	2,7 kg
GİRİŞ VOLTAJI / INPUT VOLTAGE	100-240 V AC - 50/60hz
İŞIK KAYNAĞI / LIGHT SOURCE	SMD LED
TÜKETİM GÜCÜ / POWER CONSUMPTION	34 W
İŞIK RENKLERİ / CCT	3000K, 4000K, 6500K
KULLANIM ÖMRÜ / LIFE TIME	50.000 h(L70)
ORTAM SICAKLIĞI / AMBIENT TEMPERATURE	-25 °C / +45 °C
İŞIK AKISI / LUMINOUS FLUX	2950 lm
VERİMLİLİK / EFFICIENCY	87 lm/W
RENKSEL GERİVERİM DEĞERİ / CRI	≥80
GARANTİ (YIL) / WARRANTY (Year)	2

LED Dekopanel -V

LED Decopanel -V



Desenler Pattern



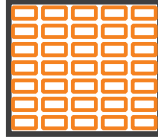
Karolaj
Grid



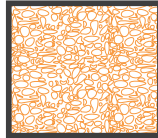
Retro 1



Retro 2



Dikdörtgen
Rectangle

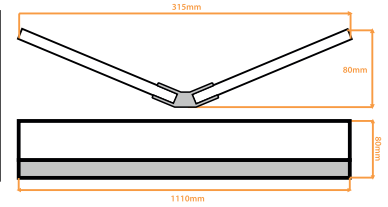


Çakıl
Gravel

Desen seçenekleri tüm
Dekopanel
modellerine uygulanabilir.
Pattern options applicable to all
LED Decopanel



LED Dekopanel -V
LED Decopanel -V



BOYUT / SIZE	315x1110x80 mm
AGIRLIK / WEIGHT	4,1 kg
GİRİŞ VOLTAJ / INPUT VOLTAGE	100-240 V AC - 50/60hz
İŞIK KAYNAĞI / LIGHT SOURCE	SMD LED
TÜKETİM GÜCÜ / POWER CONSUMPTION	60 W
İŞIK RENKLERİ / CCT	3000K, 4000K, 6500K
KULLANIM ÖMRÜ / LIFE TIME	50.000 h (L ₅₀)
ORTAM SICAKLIĞI / AMBIENT TEMPERATURE	-25 °C / +45 °C
İŞIK AKISI / LUMINOUS FLUX	4.800 lm
VERİMLİLİK / EFFICIENCY	80 lm/W
RENKSEL GERİVERİM DEĞERİ / CRI	≥ 80
GARANTİ (YIL) / WARRANTY (Year)	2

LED Dekopanel -Y

LED Decopanel -Y



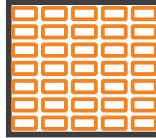
Karolaj
Grid



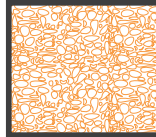
Retro 1



Retro 2



Dikdörtgen
Rectangle



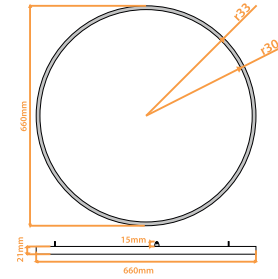
Çakıl
Gravel



Desen seçenekleri tüm
Dekopanel
modellerine uygulanabilir.
Pattern options applicable to all
LED Decopanels



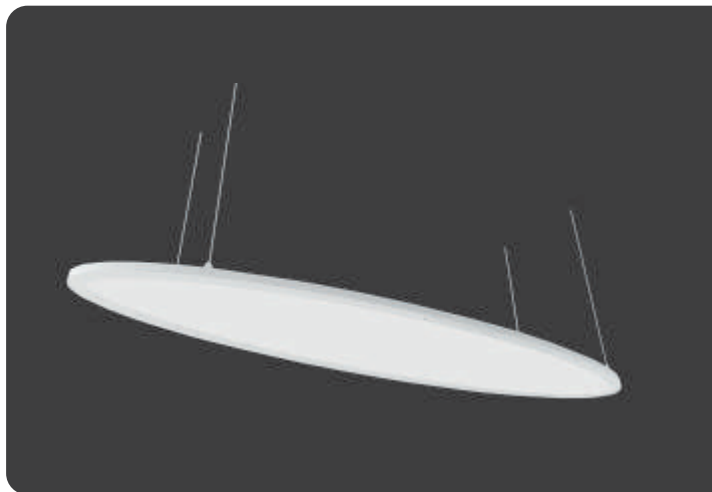
LED Dekopanel -Y
LED Decopanel -Y



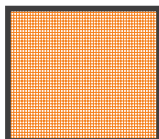
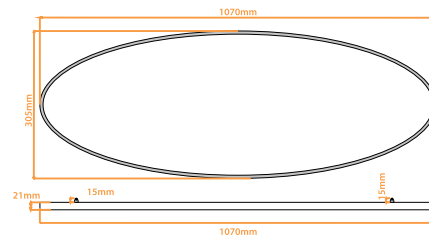
BOYUT / SIZE	Ø 660 mm
AĞIRLIK / WEIGHT	4,1 kg
GİRİŞ VOLTAJ / INPUT VOLTAGE	100-240 V AC - 50/60hz
İŞIK KAYNAĞI / LIGHT SOURCE	SMD LED
TÜKETİM GÜCÜ / POWER CONSUMPTION	60 W
İŞIK RENKLERİ / CCT	3000K
KULLANIM ÖMRÜ / LIFE TIME	50.000 h(L70)
ORTAM SICAKLIĞI / AMBIENT TEMPERATURE	-25 C / +45 C
İŞIK AKISI / LUMINOUS FLUX	4.800 lm
VERİMLİLİK / EFFICIENCY	80 lm/W
RENKSEL GERİVERİM DEĞERİ / CRI	≥80
GARANTİ (Yıl) / WARRANTY (Year)	2

LED Dekopanel -E

LED Decopanel -E



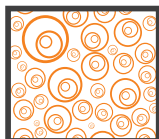
LED Dekopanel -E
LED Decopanel -E



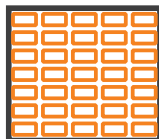
Karolaj
Grid



Retro 1



Retro 2



Dikdörtgen
Rectangle



Çakıl
Gravel

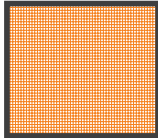
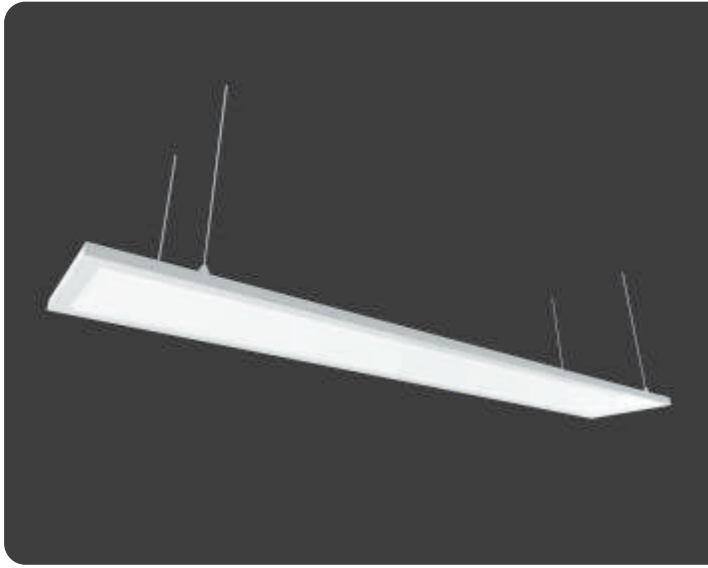


Desen seçenekleri tüm
Dekopanel
modellerine uygulanabilir.
Pattern options applicable to all
LED Decopanel

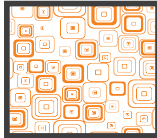
BOYUT / SIZE	305x1070x21 mm
AĞIRLIK / WEIGHT	4,1 kg
GİRİŞ VOLTAJI / INPUT VOLTAGE	100-240 V AC - 50/60hz
IŞIK KAYNAĞI / LIGHT SOURCE	SMD LED
TÜKETİM GÜCÜ / POWER CONSUMPTION	60 W
IŞIK RENKLERİ / CCT	3000K
KULLANIM ÖMRÜ / LIFE TIME	50.000 h(L70)
ORTAM SICAKLIĞI / AMBIENT TEMPERATURE	-25 C / +45 C
IŞIK AKISI / LUMINOUS FLUX	4.800 lm
VERİMLİLİK / EFFICIENCY	80 lm/W
RENKSEL GERİVERİM DEĞERİ / CRI	≥80
GARANTİ (Yıl) / WARRANTY (Year)	2

LED Dekopanel -D

LED Decopanel -D



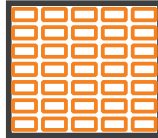
Karolaj
Grid



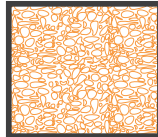
Retro 1



Retro 2



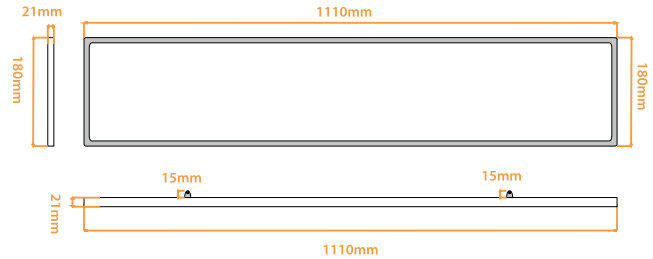
Dikdörtgen
Rectangle



Çakıl
Gravel



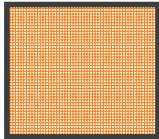
Desen seçenekleri tüm
Dekopanel
modellerine uygulanabilir.
Pattern options applicable to all
LED Decopanel



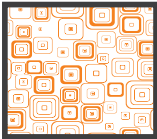
BOYUT / SIZE	180x1110x21 mm
AGIRLIK / WEIGHT	2,9 kg
GİRİŞ VOLTAJ / INPUT VOLTAGE	100-240 V AC - 50/60hz
İŞİK KAYNAĞI / LIGHT SOURCE	SMD LED
TÜKETİM GÜCÜ / POWER CONSUMPTION	60 W
İŞİK RENKLERİ / CCT	3000K
KULLANIM ÖMRÜ / LIFE TIME	50.000 h(L70)
ORTAM SICAKLIĞI / AMBIENT TEMPERATURE	-25 C / +45 C
İŞİK AKISI / LUMINOUS FLUX	4.800 lm
VERİMLİLİK / EFFICIENCY	80 lm/W
RENKSEL GERİVERİM DEĞERİ / CRI	≥80
GARANTİ (YIL) / WARRANTY (Year)	2

LED Dekopanel -K

LED Decopanel -K



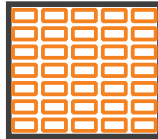
Karolaj
Grid



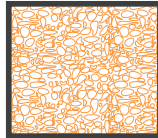
Retro 1



Retro 2



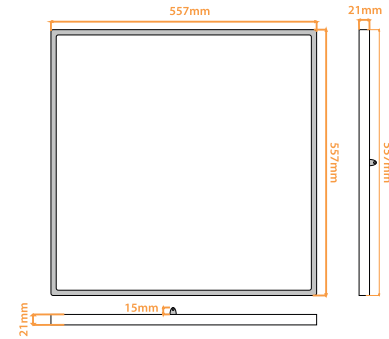
Dikdörtgen
Rectangle



Çakıl
Gravel



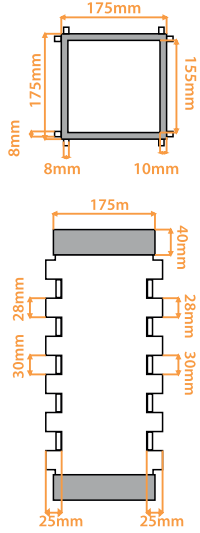
Desen seçenekleri tüm
Dekopanel
modellerine uygulanabilir.
Pattern options applicable to all
LED Decopanel



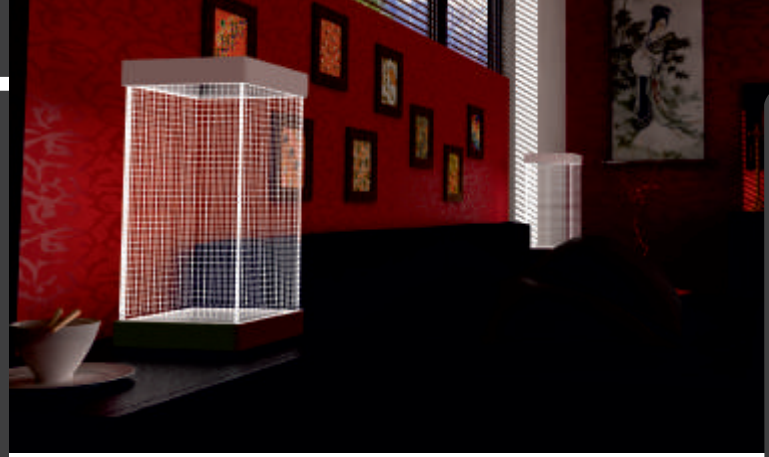
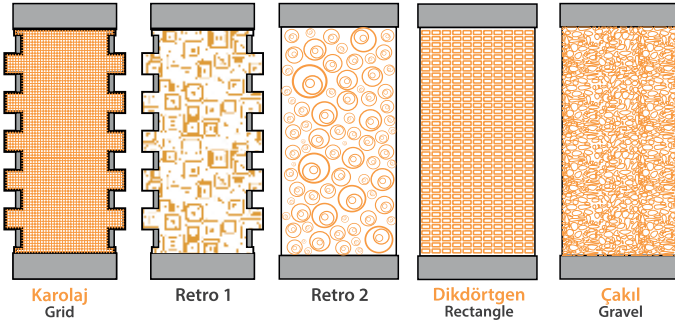
BOYUT / SIZE	557x557x21 mm
AGIRLIK / WEIGHT	3,9 kg
GİRİŞ VOLTAJ / INPUT VOLTAGE	100-240 V AC - 50/60hz
ISIK KAYNAĞI / LIGHT SOURCE	SMD LED
TÜKETİM GÜCÜ / POWER CONSUMPTION	60 W
ISIK RENKLERİ / CCT	3000K
KULLANIM ÖMRÜ / LIFE TIME	50.000 h(L70)
ORTAM SICAKLIĞI / AMBIENT TEMPERATURE	-25 °C / +45 °C
ISIK AKISI / LUMINOUS FLUX	4.800 lm
VERİMLİLİK / EFFICIENCY	80 lm/W
RENKSEL GERİVERİM DEĞERİ / CRI	≥80
GARANTİ (Yıl) / WARRANTY (Year)	2

LED Abajur

LED Lampshade

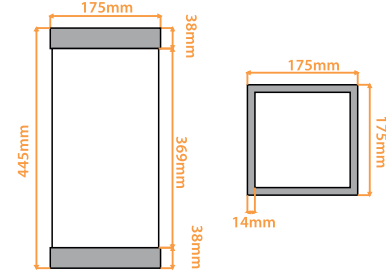


Desenler Pattern



LED Abajur

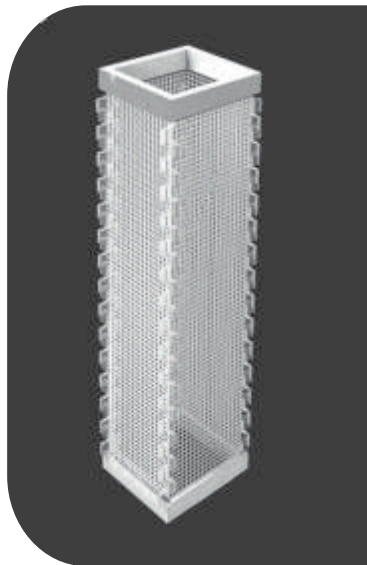
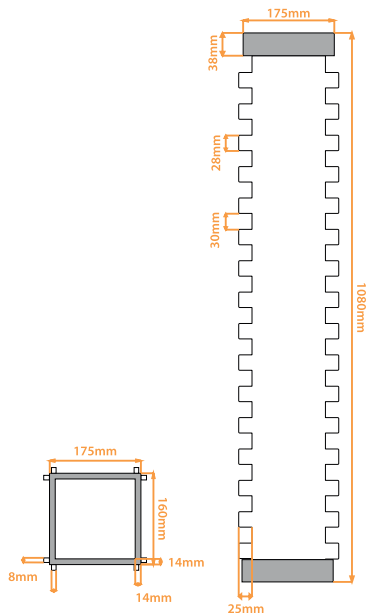
LED Lampshade



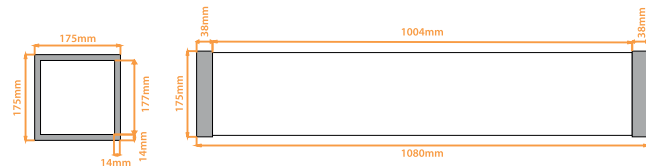
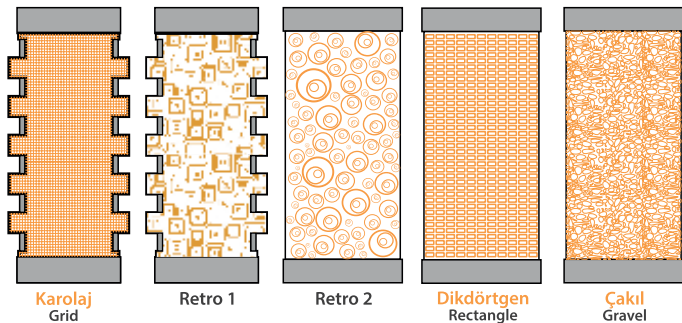
	Abajur	Abajur-K
BOYUT / SIZE	175x175x445 mm	175x175x420 mm
AĞIRLIK / WEIGHT	3,1 kg	3,3 kg
GİRİŞ VOLTAJ / INPUT VOLTAGE	100-240 V AC - 50/60hz	
İŞİK KAYNAĞI / LIGHT SOURCE	SMD LED	
TÜKETİM GÜCÜ / POWER CONSUMPTION	18 W	
İŞİK RENKLERİ / CCT	3000K	
KULLANIM ÖMRÜ / LIFE TIME	50.000 h(L ₇₀)	
ORTAM SICAKLIĞI / AMBIENT TEMPERATURE	-25 C / +45 C	
İŞİK AKISI / LUMINOUS FLUX	1.300 lm	
RENKSEL GERİVERİM DEĞERİ / CRI	≥80	
GARANTİ (Yıl) / WARRANTY (Year)	2	

LED Lambader

LED Floor Lamp



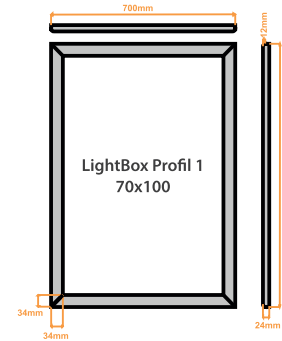
Desenler Pattern



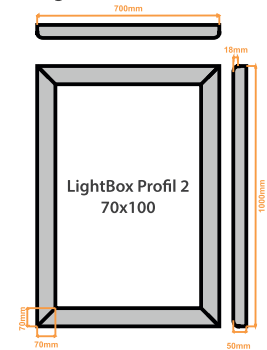
	Lambader	Lambader-K
BOYUT / SIZE	175x175x1080 mm	175x175x1080 mm
AGIRLIK / WEIGHT	8 kg	6,9 kg
GİRİŞ VOLTAJI / INPUT VOLTAGE	100-240 V AC - 50/60hz	
İŞİK KAYNAĞI / LIGHT SOURCE	SMD LED	
TÜKETİM GÜCÜ / POWER CONSUMPTION	36 W	
İŞİK RENKLERİ / CCT	3000K	
KULLANIM ÖMRÜ / LIFE TIME	50.000 h(L ₇₀)	
ORTAM SICAKLIĞI / AMBIENT TEMPERATURE	-25 C / +45 C	
İŞİK AKISI / LUMINOUS FLUX	2.600 lm	
RENKSEL GERİVERİM DEĞERİ / CRI	≥80	
GARANTİ (Yıl) / WARRANTY (Year)	2	



LightBox Profil 1



LightBox Profil 2



	LED LIGHT BOX	
	LED	FLORESAN
İŞIK TIPI / LIGHT SOURCE	LED	FLORESAN
İŞİK ÖMRÜ / LIFETIME	70.000 h	5.000 h
KAŞA KALINLIĞI / THICKNESS OF FRAME	24-50	100-300 mm
GENEL GÖRÜNÜM / GENERAL APPEARANCE	İNCE, ESTETİK VE HOMOJEN THIN, AESTHETIC AND EVEN	KÖTÜ VE VERİMSİZ POOR AND INEFFECTIVE
GÖRSEL DEĞİŞTİRME / CHANGING THE IMAGE	KOLAY / EASY	KOLAY / EASY
İŞLETME MALİYETİ / OPERATING COST	DÜŞÜK (%60 ENERJİ TASARRUFU) LOW (%60 ENERGY SAVING)	YÜKSEK / HIGH
MONTAJ MALİYETİ / INSTALLATION COST	DÜŞÜK / LOW	YÜKSEK / HIGH
BAKIM MALİYETİ / MAINTANCE COST	DÜŞÜK / LOW	YÜKSEK / HIGH

120x240cm max. ölçü olmak üzere, istenilen her ebatta Lightbox üretilmektedir.
The LED Lightbox which could be produced in any desired size within 120x240cm.

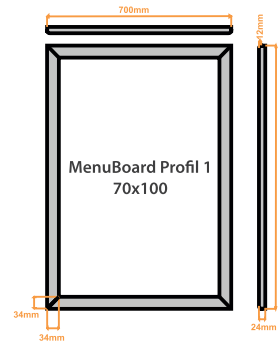
LED MenuBoard



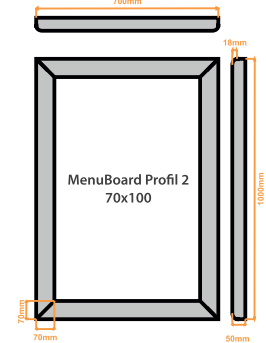
LED MenuBoard



MenuBoard Profil 1



MenuBoard Profil 2



KONVANSİYONEL
IŞIKLI PANO

	LED LIGHT BOX	FLORESAN
İŞIK TIPI / LIGHT SOURCE	LED	FLORESAN
İŞIK ÖMRÜ / LIFETIME	70.000 h	5.000 h
KASA KALINLIĞI / THICKNESS OF FRAME	24-50	100-300 mm
GENEL GÖRÜNÜM / GENERAL APPEARANCE	İNCE, ESTETİK VE HOMOJEN THIN, AESTHETIC AND EVEN	KÖTÜ VE VERİMSİZ POOR AND INEFFECTIVE
GÖRSEL DEĞİŞTİRME / CHANGING THE IMAGE	KOLAY / EASY	KOLAY / EASY
İŞLETME MALİYETİ / OPERATING COST	DÜŞÜK (%60 ENERJİ TASARRUFU) LOW (%60 ENERGY SAVING)	YÜKSEK / HIGH
MONTAJ MALİYETİ / INSTALLATION COST	DÜŞÜK / LOW	YÜKSEK / HIGH
BAKIM MALİYETİ / MAINTANCE COST	DÜŞÜK / LOW	YÜKSEK / HIGH

120x240cm max. ölçü olmak üzere, istenilen her ebatta Lightbox üretilmektedir.
The LED Lightbox which could be produced in any desired size within 120x240cm.



Custom Design LED Billboard



Bugüne kadar floresan ışık kaynakları ile aydınlatılmış tüm reklam mecraları artık LED dönüşümü yaşamaktadır.

TLT'nin geliştirdiği LED Billboard sistemleri ile artık büyük ebat(2x4mt, 3x6mt, 4x14mt, 6x18mt, 10x20mt) reklam üniteleri çok büyük avantajlar sunmaktadır. 70.000 saati geçen uzun ömürlüğü ile artık floresan lamba değişimine ve çok büyük elektrik faturalarına son. Şu anki standartlarda 3x6mt çift yüzütlü totem aydınlatması, floresanlı sistemlerde 1400W' ları bulurken, TLT'nin LED Billboard Sistemleri aynı parlaklıkla 350W ile sağlamak mümkün. TLT tamamı Türk mühendislerden oluşan AR-GE si ile aralıksız çalışmakta ve Türkiye 'de üretilen en ekonomik en kaliteli ürünleri sunmakta.

Until these days, billboards were illuminated by fluorescent lights. Now they're all transforming into LED's.

TLT developed a system for LED billboards which has a lot of advantages. First, they could be produced in big sizes such as 2*4mt, 3*6mt, 4*14mt, 6*18mt, 10*20mt. Their lifetimes are longer than 70.000 hours. So the trouble of changing fluorescent light is over now. And this system is the key of low electric bills. To see those advantages more clear let us give you an example:

For 3*6mt double-faced billboards with fluorescent light need 1.400W energy. Our LED system gives the same amount of brightness with only 350W.



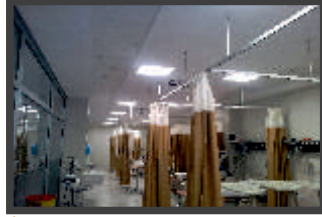
Totem

Frontlight





Carrefoursa Express (K.Bakkalköy)
Carrefoursa Express Supermarket



Iskenderun Gelişim Hastanesi Yoğun Bakım Odası
Iskenderun Gelişim Hospital Intensive Care Room



MİGROS M-JET (Ataşehir)
Migros M-Jet Supermarket



Kadıköy-Kartal Metro Hattı (Lightbox)
Istanbul Subway (Lightbox)



SunStop



FEM Derşhanesi (Taksim)
FEM Classroom



Amerikan Hastanesi
American Hospital



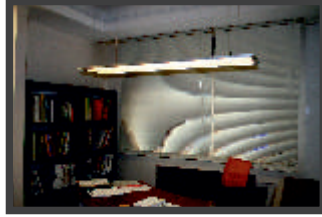
Sapphire AVM



Köfteci Ramiz (Akbatı AVM)



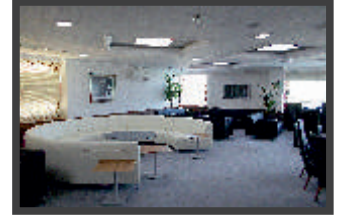
Eczane (Marmara Forum)
Pharmacy



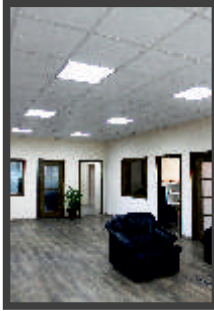
Atmosfer Mimarlık
Atmosfer Architectural Office



TJK Veliefendi Hipodromu Şeref Tribünü
TJK Hipodromme V.I.P. Tribune



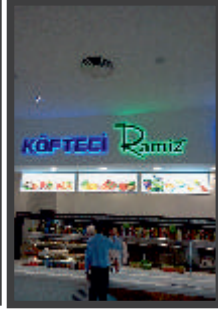
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TJK Hipodromme V.I.P. Tribune



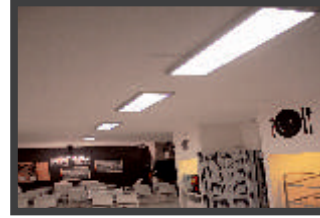
Klas Yemek
Klas Food



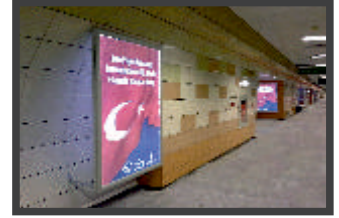
Koç Allianz



Köfteci Ramiz Re Media



Damat Tween Kafe
Damat Tween Cafe



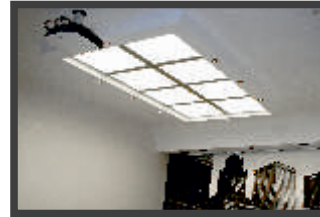
Kadıköy-Kartal Metro Hattı (Lightbox)
Istanbul Subway (Lightbox)



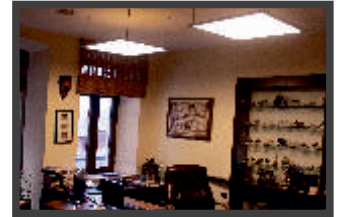
Istanbul Metrosu Taksim - H.Osman (Lightbox)
Istanbul Subway (Lightbox)



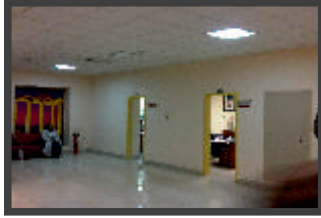
Istanbul Metrosu Taksim - H.Osman (Lightbox)
Istanbul Subway (Lightbox)



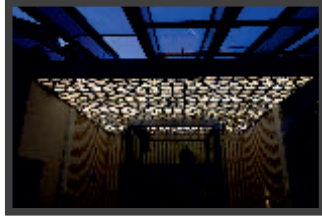
Atmosfer Mimarlık
Atmosfer Architectural Office



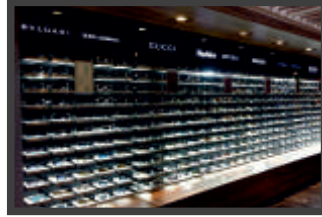
Best Elektrik
Best Electric Office



Antalya Eğitim ve Araştırma Hastanesi
Antalya Eğitim ve Araştırma Hospital



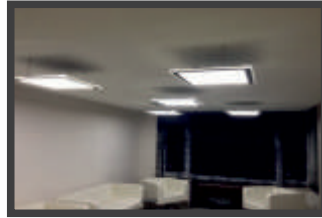
Cameks Cam Dizayn
Cameks Glass Design



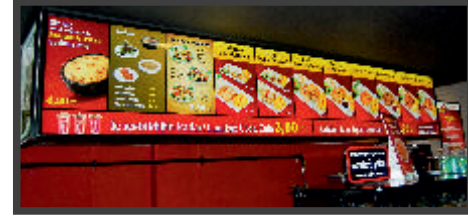
Setur Duty Free



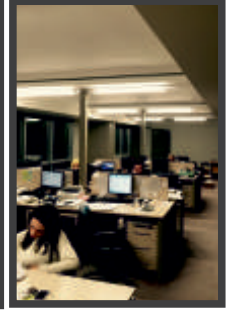
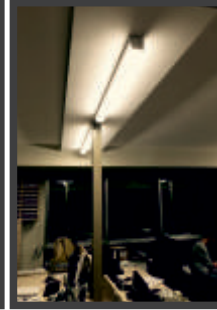
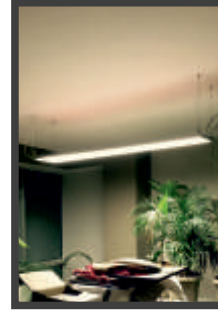
Islak Hacim
Wet Environments



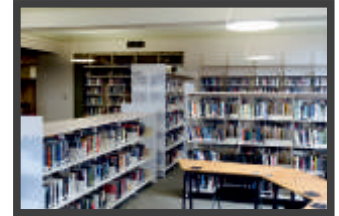
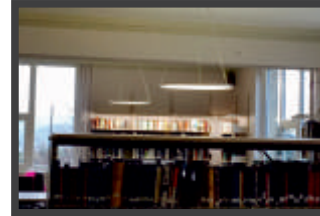
Diş Kliniği
Dental Clinic



Tavuk Dünyası (Yaylada AVM)



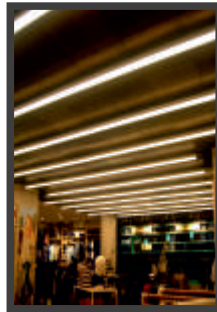
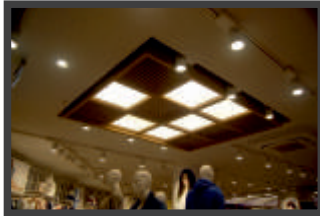
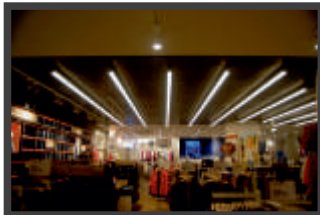
Aker



Robert Koleji
Robert College



Robert Koleji
Robert College



Colin's







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