



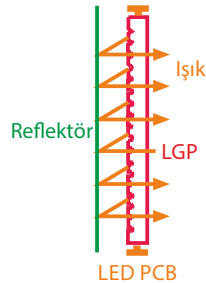
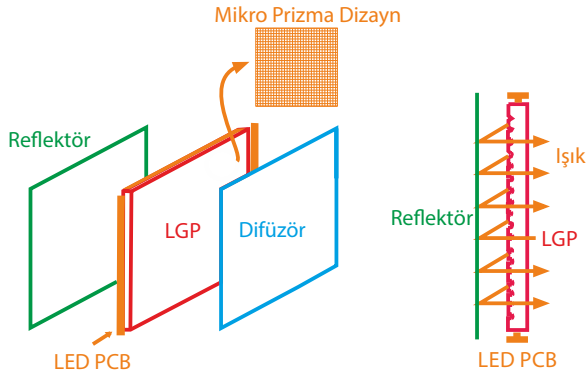
Aydınlatma Projelerinize
Benzersiz Ürünler
Unique Products for Your Lighting Projects

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

120×240 cm maksimum ebat olmak üzere, bu plaka içerisinde istenilen her ölçüde üretilebilen ışık kılavuz panelleri (LGP), TLT LED Panellerin temelini oluşturmaktadır. TLT Paneller, konvansiyonel aydınlatma armatürlerine kıyasla yaklaşık %60 daha az enerji tüketir. Ayrıca LGP teknolojisi gereği endirekt bir aydınlatma sağlayan TLT LED Paneller, difüzör tabaka (diffuser plate) yüzeyindeki kamaşma yapmayan (unglare) yapısıyla da göz sağlığı dostudur. LED Panellerin kullanım alanları çok geniş; başta ofisler olmak üzere, alışveriş merkezlerinde, iş merkezlerinde, okullarda, hastanelerde, otoparklarda kısaca söylemek gerekirse aydınlatma ile ilgili aklınıza gelebilecek her yerde bu ürünleri kullanabilirsiniz. Mimari uygulamalarda ve dekoratif aydınlatmada da tercih edilen LED paneller aynı zamanda reklam sektöründe de light box olarak kullanılıyor.

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.

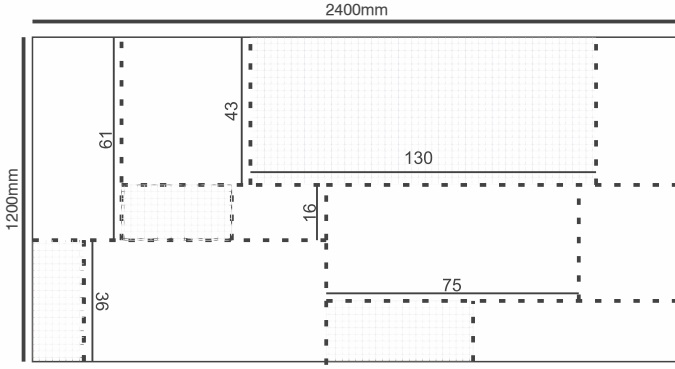
Light guide panels (LGP), which can be produced in any desired size from 120x240 cm acrylic plate, form the basis of TLT LED Panels. TLT Panels consume approximately 60% less energy compared to conventional lighting fixtures. In addition, TLT LED Panels, which provide indirect lighting due to LGP technology, are eye health friendly with their non-glare (unglare) structure on the diffuser surface. LED Panels have wide usage areas like offices, malls, trade center, 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.



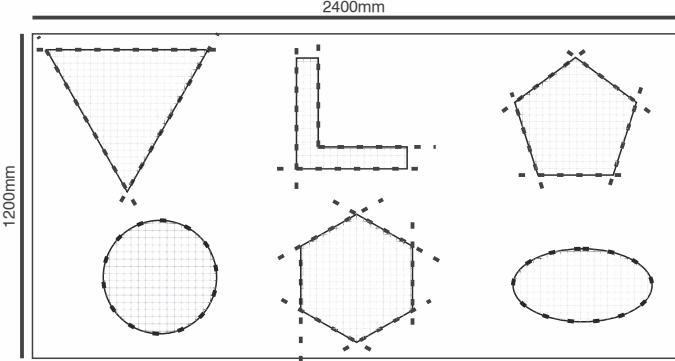
- 1 - Difüzör / Diffuser
- 2 - Çerçeve Profil / Aluminum Frame
- 3 - LED PCB
- 4 - LGP
- 5 - Reflektör / Reflector



Patent no : TR 2011 11145 B



Tüm Ölçüler / Any Size



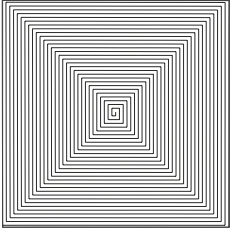
Tüm Şekiller / Any Shape

Max. Ebat 1200mmx2400mm
İstenilen her ölçüde...

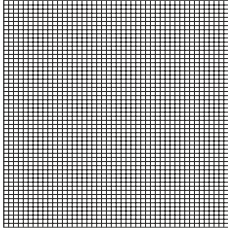
Max. Size 1200mmx2400mm
In any desired size

İstenilen her modelde...

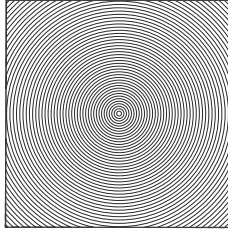
In every desired model...



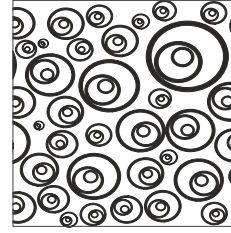
Spiral



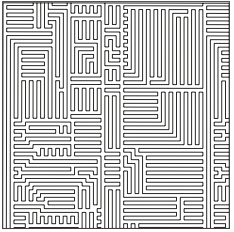
Karolaj / Grid



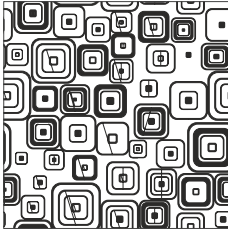
Çember / Circle



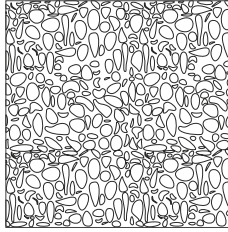
Retro 2



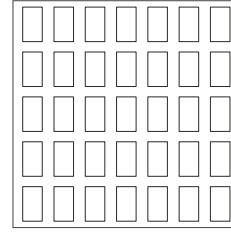
Labirent / Maze



Retro 1



Çakıl / Pebble



Dikdörtgen / Rectangle

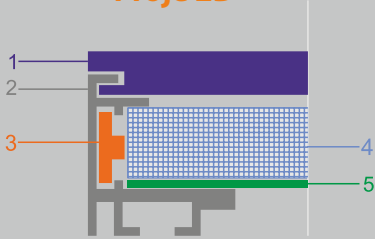


veya dilediğiniz bir desen...
or any pattern you want...

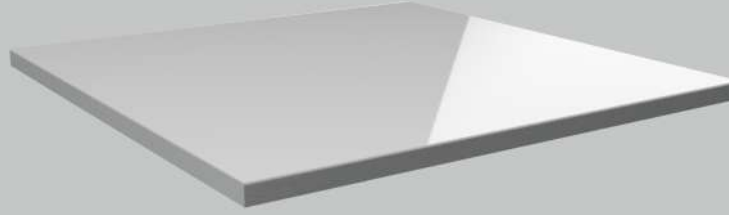
Yüzeyde görmek istediğiniz desene sahip LED Panel (Opal Difüzörsüz).

LED Panel (without Opal Diffuser) with the pattern you want to see on the surface.

Proje 2D



- 1 - Difüzör / Diffuser
- 2 - Alüminyum Profil / Aluminum Profile
- 3 - LED Pcb
- 4 - LGP
- 5 - Reflektör / Reflector

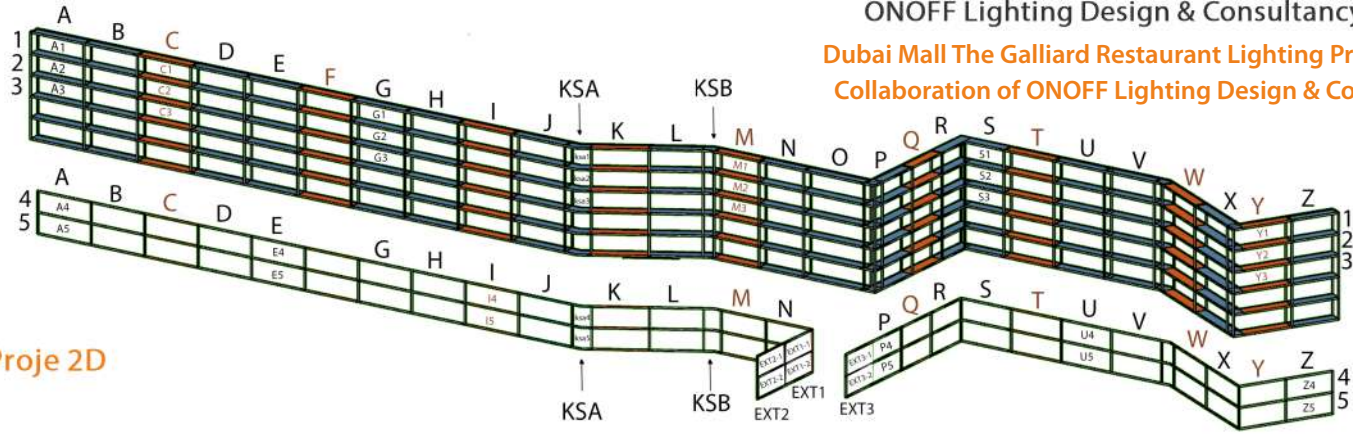


Kenar çerçevelerden dolayı oluşan ışısız alanları ortadan kaldıran Çerçevesiz LED Paneller daha dekoratif yüzeyler sunuyor.

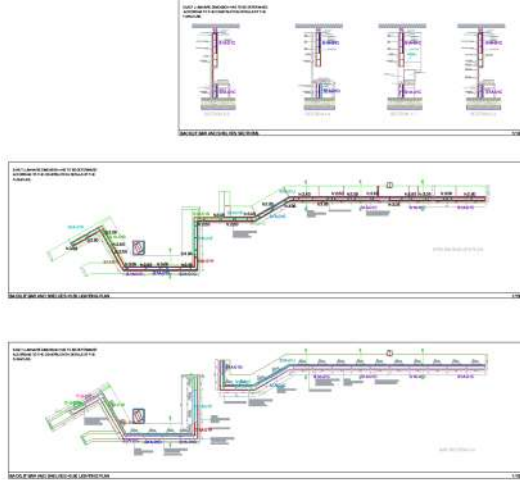
Frameless LED Panels, which eliminate the unilluminated areas caused by frames of panel, offer more decorative surfaces.



Proje 3D

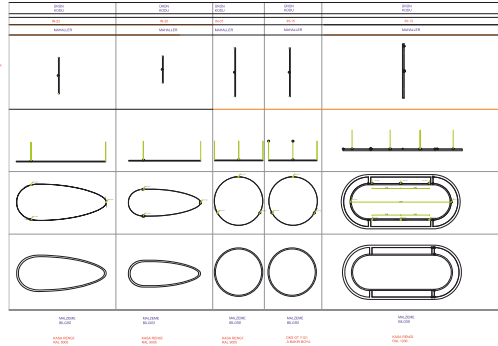


Proje 2D

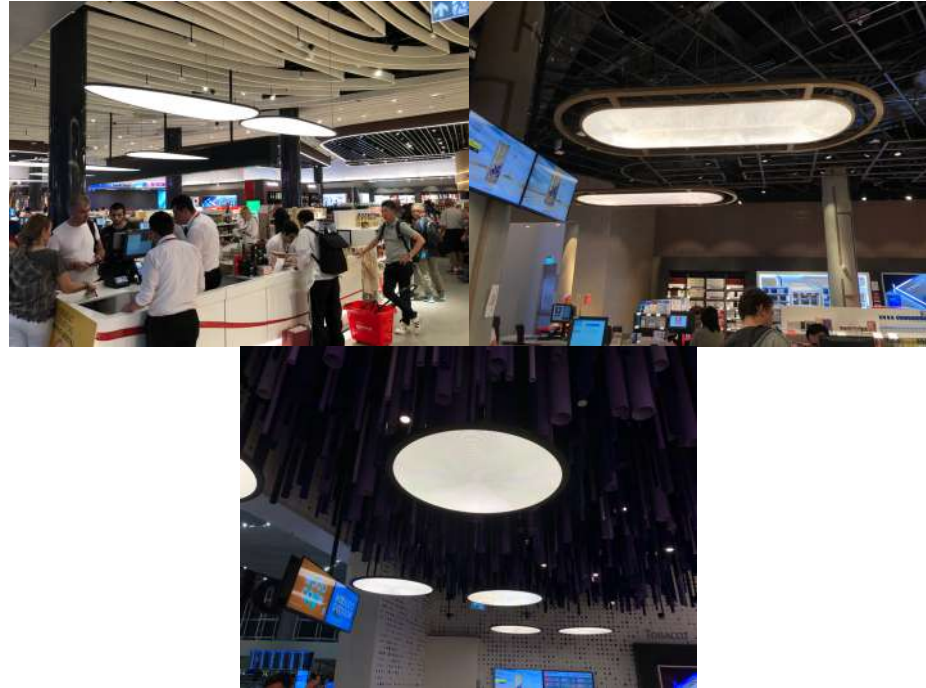


Projeler / Projects

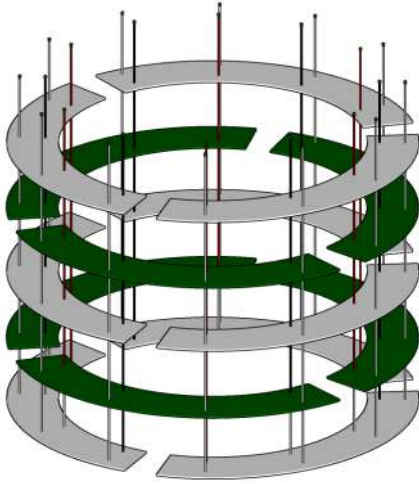
Proje 3D



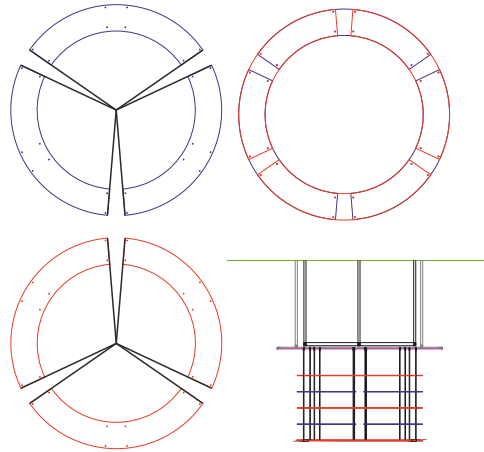
Proje Ayrıntı / Project Detail



Proje 3D



Proje 2D

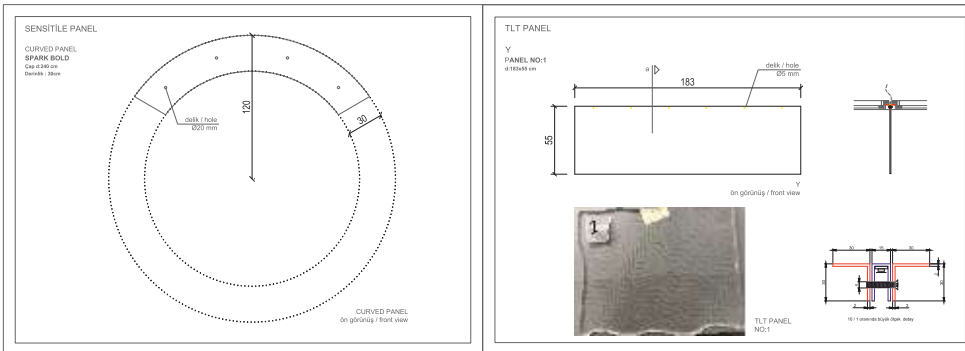


Metropol AVM Aydınlatma Projesi
Sanat Yapı İş Ortaklığı

Metropol AVM Lighting Project with Collaboration of Sanat Yapi

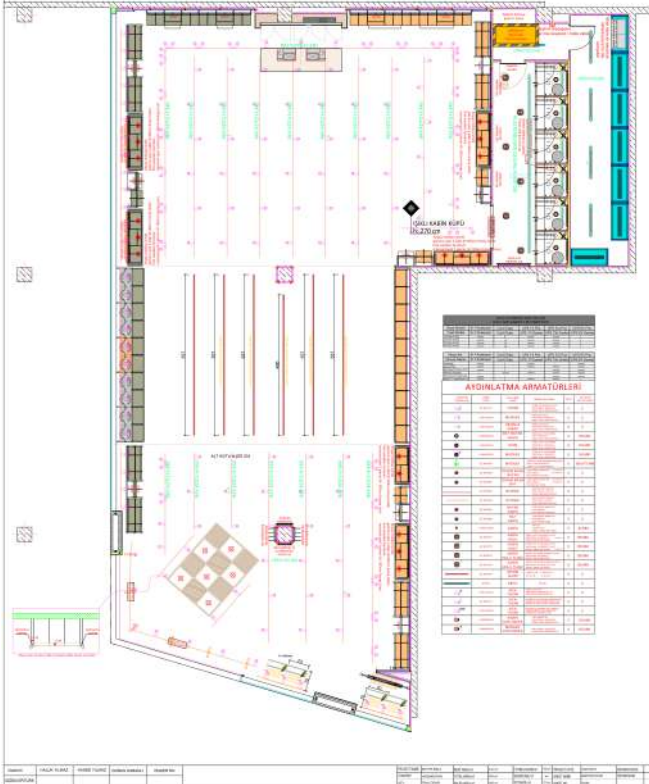


Proje Ayrıntı / Project Detail



COLIN'S

COLINS GLOBAL ARCHITECTURAL DEPARTMENT



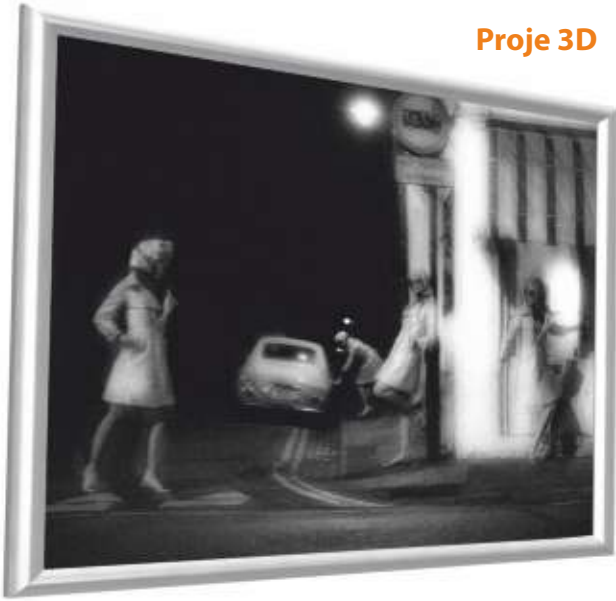
In linear lighting solutions, one piece is produced up to 7 meters.



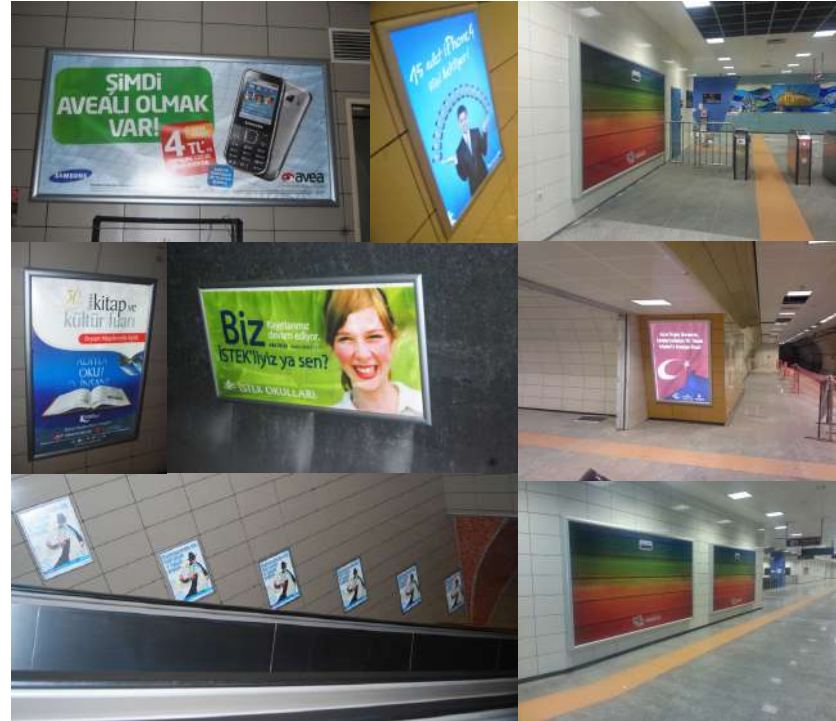
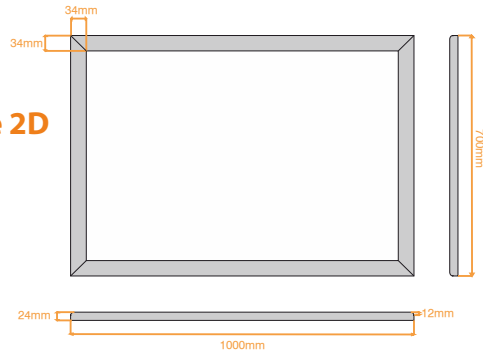
İstanbul ve İzmir Metroları Lightbox Projesi

Lightbox Project of Istanbul and Izmir Subway Stations

Proje 3D

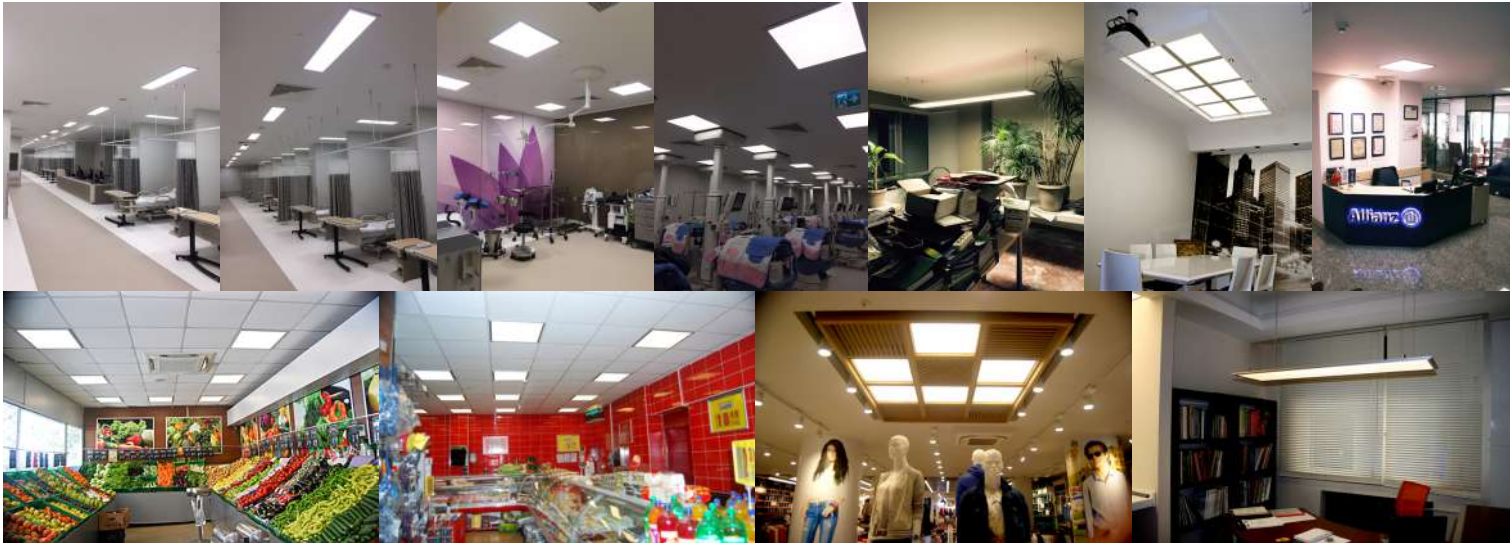
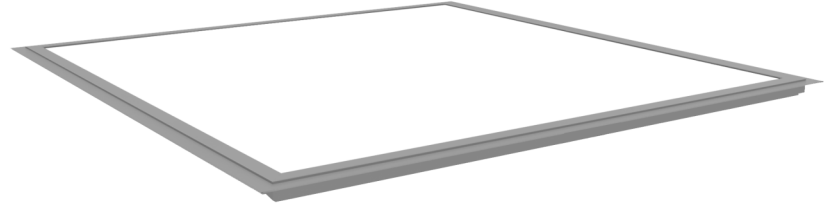


Proje 2D

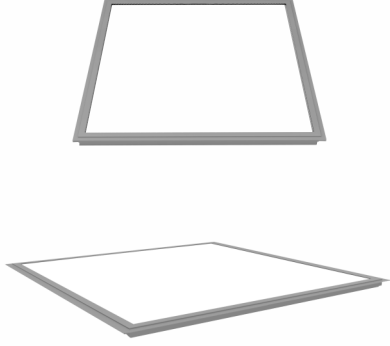




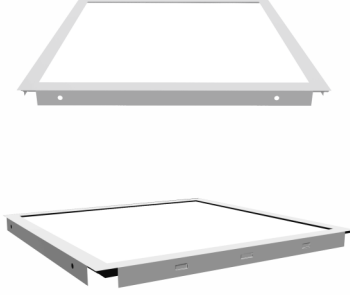
- 1 - Difüzör / Diffuser
- 2 - Çerçeve Profil / Frame Profile
- 3 - LED PCB
- 4 - LGP
- 5 - Reflektör / Reflector



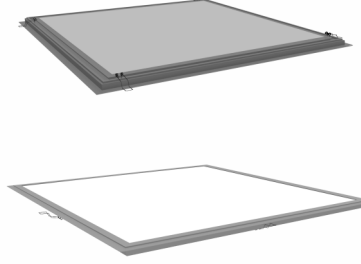
LED Panel Taşyünü Tavan
LED Panel Recessed



LED Panel Clip-In



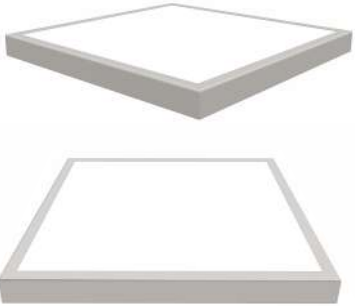
LED Panel Alçıpan Tavan
for the Gypsum Board



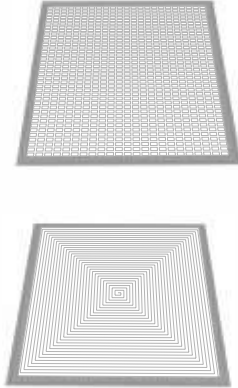
LED Panel Sarkıt
Pendant



LED Panel Sıvaüstü
Surface Mounted



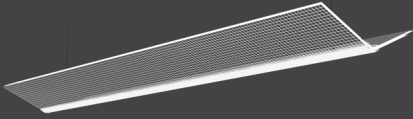
LED Panel Desenli
Patterned



**İstenilen ölçü, şekil ve desendeki LED Paneller,
projenize uyumlu montaj seçenekleri sunar.**

**LED Panels in the desired size, shape and pattern
offer mounting options according to your project.**

LED Dekopanel -V



LED Dekopanel -Y



LED Dekopanel -E



LED Dekopanel -D



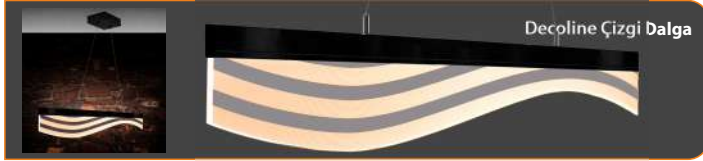
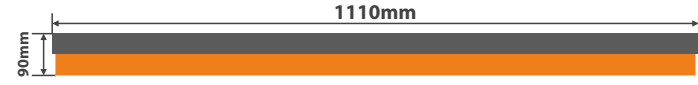
LED Dekopanel -K



Robert Koleji Aydınlatma Projesi
Robert College Lighting Project



15mm
90mm



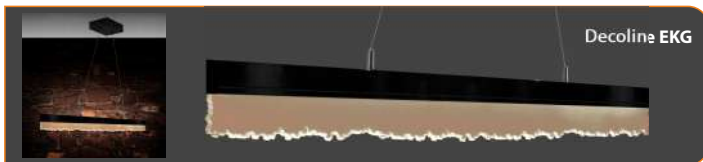
15mm
160mm



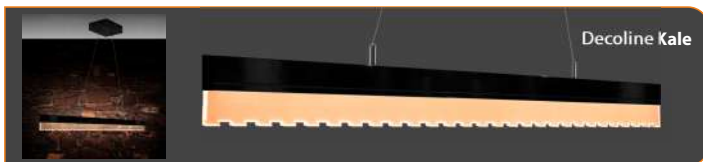
15mm
90mm



15mm
90mm



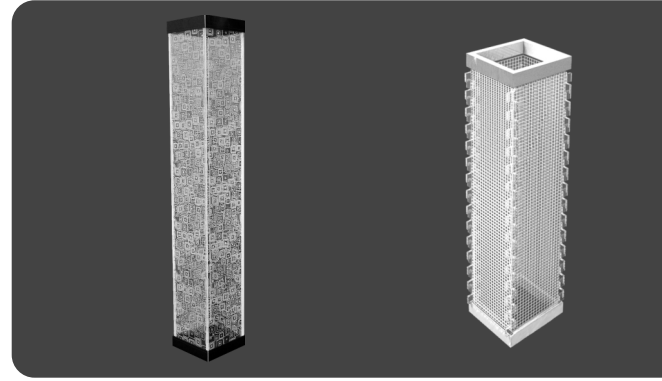
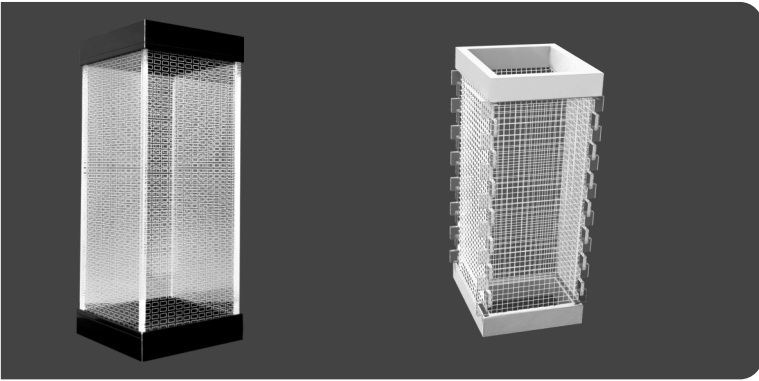
Decoline EKG

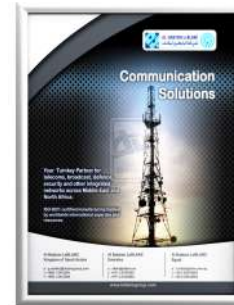


Decoline Kale

Ölçü, şekil ve deseni siz belirleyin

You choose the size, shape and pattern







MOD1001



MOD1002



MOD1003



MOD1004



MOD1005

www.ar-on.com



AR-ON

Mini Avize Serisi

www.ar-on.com

AR-ON Mini Avize / AR-ON Mini Chandelier



Carrefoursa Express Süpermarket



İskenderun Gelişim Hastanesi



TJK V.I.P Tribün



TJK V.I.P Tribün



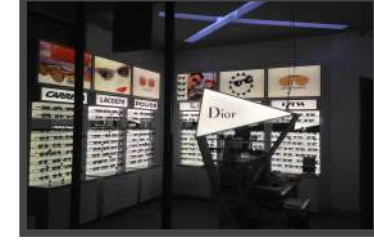
Migros M-Jet Süpermarket



İstanbul Metro (Lightbox)



SunStop



SunStop



Özel Dershane



American Hospital



Sapphire AVM



Köfteci Ramiz



Eczane



Mimarlık Ofisi



Tavuk Dünyası



Robert Koleji



Damat Tween Kafe



Klas Yemek



Koç Allianz



Köfteci Ramiz



Aker



Antalya Eğitim ve Araştırma Hastanesi



Köfteci Ramiz



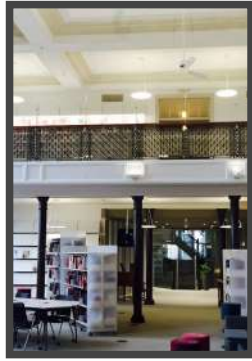
İstanbul Metro (Lightbox)



Setur Duty-Free



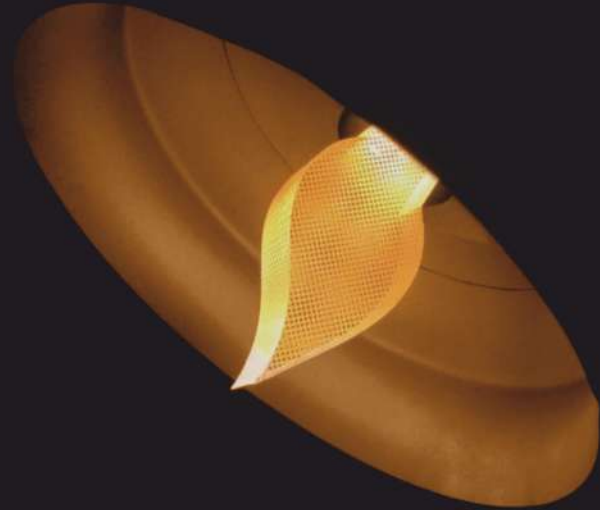
Mimarlık Ofisi



Robert Koleji

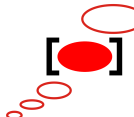


Colin's





Sertifikalar / Certificates



TURKISH
PATENT
INSTITUTE





[osaka]
led Panel

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Huzur Mahallesi Oto Sanayi Sitesi 4. Levent Menderes Caddesi No:16

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