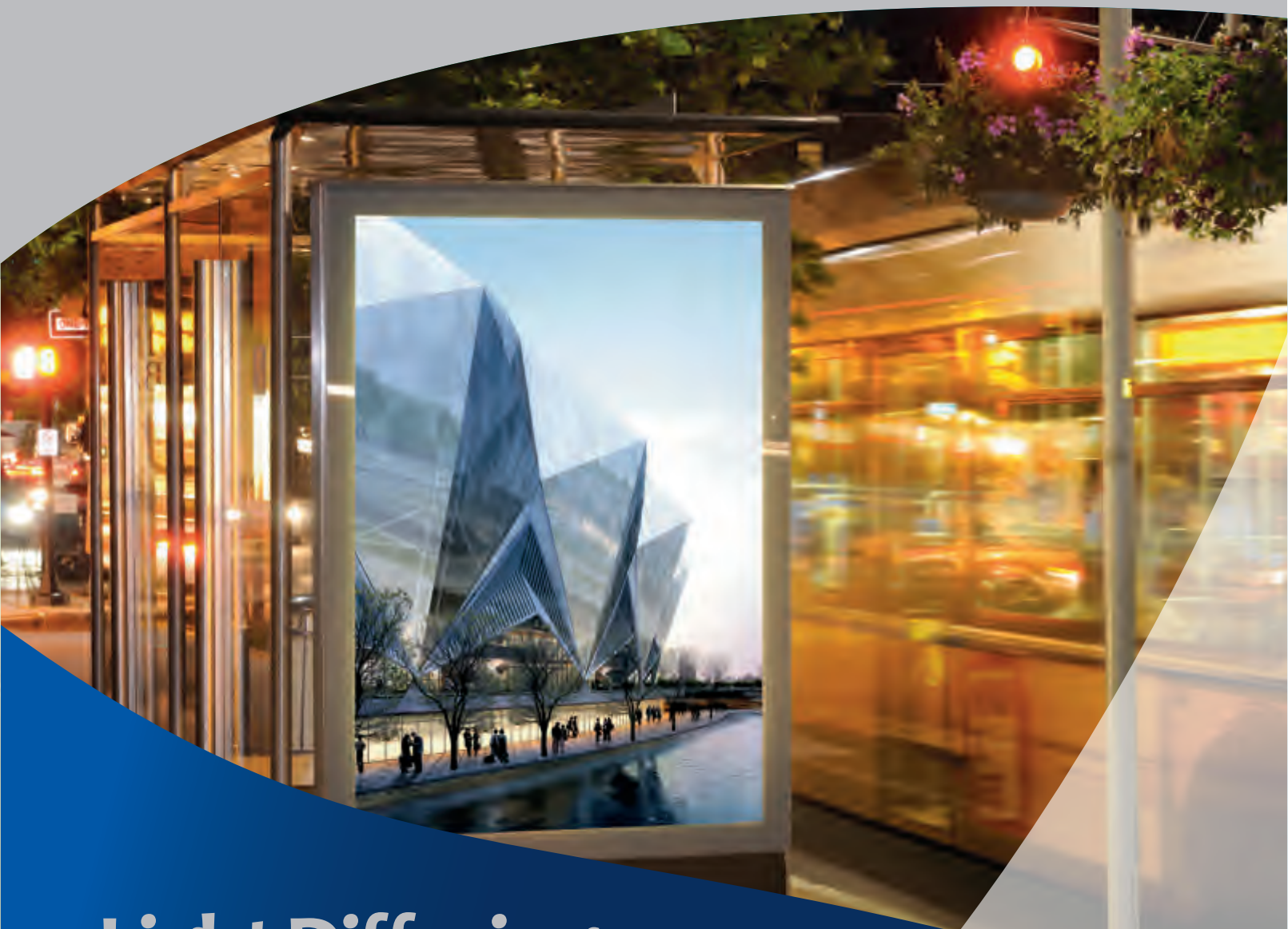


REGALON 力佳龍®

Innovative Daylighting Solutions
创新采光方案引导者

www.innovoplas.com



**Light Diffusing
Polycarbonate Sheet**
PC 光扩散

◎ 发光均匀 Homogeneous lighting

不管是点光源还是面光源，力佳龙® PC 微结构扩散板都具有良好的光扩散效果，发光面亮度均匀度可达 98% 以上。

No matter for spot light source or for area light source, the Regalon® microstructure diffusion plates all have good light diffusion effect. The homogeneous level of the luminous surface can reach over 98%.

◎ 环保性 Environment protection

通过 ROHS 检测，符合欧盟环保要求。

Pass the test of the ROHS to reach the environmental protecting requirements of the EU.

◎ 色温稳定 Stability of the color temperature

使用了力佳龙® PC 微结构扩散板的平板灯，完全保持 LED 灯珠的本色。
The panel lamps of the Regalon® microstructure diffusion sheets, totally maintain the original colors of the LED beads.

Light Diffusing Polycarbonate sheet

PC 光扩散

板材表面漫反射层，使光线的反射呈散射状态，雾度优良！

The diffuse reflect layer on sheet surface, make the light with scattering reflection, get a good incrustation.



力佳龙® PC 光扩散板在保留聚碳酸酯原有技术性能不变的情况下，可使光线经过板材的瞬间产生散射、折射效果，从而增强了光线穿透，使点光源均匀的分布在板材背面，得到最佳的视觉效果。力佳龙® PC 光扩散板极高的光扩散和匀光功能，使其在 LED 灯罩、发光标识、广告灯箱等领域得到了广泛应用。



While maintaining the polycarbonate's original technical performance, the Lijialong's® light diffusion sheets can make the light scattered and refracted when it passes through the panel. Thus, the penetration of the light is strengthened and the spot light source is distributed evenly on the back of the panel to get the best visual effect. The Lijialong's® light diffusion sheets have the extreme strong light diffusing function and able to make the light homogeneous, so that it is widely used in the fields like LED lamp casing, luminous signs and billboards.

鉴于市场上点光源（直下式）面光源（侧发光）两种结构的平板灯对光扩散板扩散性与透光性要求不同，力佳龙 PC 光扩散板有高扩散型（HD）和高透光型（HT）两种系列可供选择，高扩散型（HD）适用于点光源（直下式）的平板灯，而高透光型（HT）则适用于面光源（侧发光）结构的平板灯。

In consideration to the different requirements of market on the diffusivity and transmittance of the two kinds of panel lamps, i.e., spot light source (straight down type) and surface light source (sideway lighting), the Lijialong® provides two options, i.e., high diffusion (HD) and the high transmitting (HT). The high diffusion (HD) is applicable to the spot light source (straight down type) and the high transmitting (HT) is applicable to the surface light source (sideway lighting).

优异的光学性能 Outstanding optical performance

力佳龙® 高扩散型（MHD）PC 微结构扩散板的雾度 $\geq 98\%$ ，相对透过率大于 75%，特别适用于直下式平板灯，可使平板灯更薄、更节省成本。

The haze of the Regalon® high diffusion type (MHD) PC microstructure diffusion plates is $\geq 98\%$, and the relative transmittance is over 75%. It is especially applicable to the straight down type panel lamps, capable of making the panel lamps thinner and less costly.

产品规格 Products' specifications

标准厚度 / Standard thickness: 1.5mm、2.0mm

标准规格 / Standard specification: 1830x1220mm

我公司还可提供如下标准平板灯对应规格尺寸的板材：

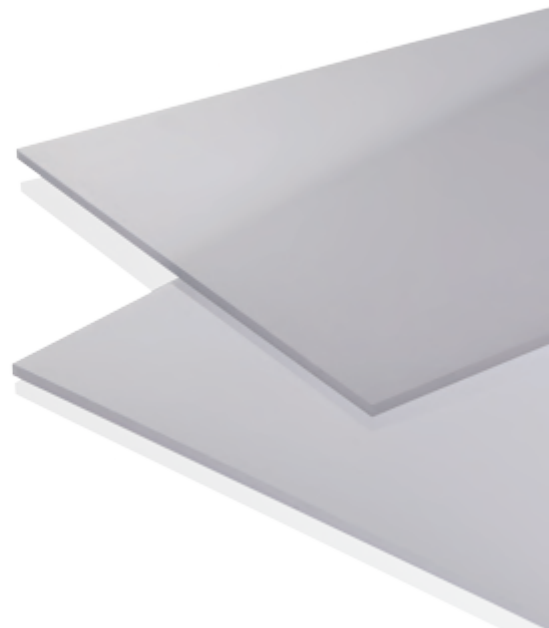
Our company also provides the panel of the corresponding specification and size of the following standard panel lamps:

标准平板灯规格 (mm) The specification of the standard panel lamps	300x300	300x600	300x1200	600x600	600x1200
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应用 Applications

LED 筒灯、LED 平面灯、LED 医疗灯、LED 广告灯、超薄灯箱等。

LED tubular lamps, LED planar lamps, LED hospital lamps, LED billboard lamps, super thin billboards, etc.



Typical physical properties 典型物理性能

系列 Series	型号 Model	厚度 (mm) Thickness	雾度 (%) Haze	相对透光率 (%) Relative transmittance of light	高宽比 Ratio of height to width	防火等级 Fire-protection rating
高扩散 High diffusion	MHD2315	1.5	≥ 98	75	0.7~1:1	UL94V2
	MHD2320	2	≥ 98	72	0.7~1:1	
	MHD5115VO	1.5	≥ 98	75	0.7~1:1	UL94VO
	MHD5120VO	2	≥ 98	72	0.7~1:1	
高透光 High transmitting	MHT3315	1.5	≥ 98	82		UL94V2
	MHT3320	2	≥ 98	80		
	MHT6115VO	1.5	≥ 98	82		UL94VO
	MHT6120VO	2	≥ 98	80		



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HUASHILONG Polycarbonate Sheet Has Certified ISO9001:2008
企业通过 ISO9001:2008\ISO14001:2004 国际质量体系认证

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