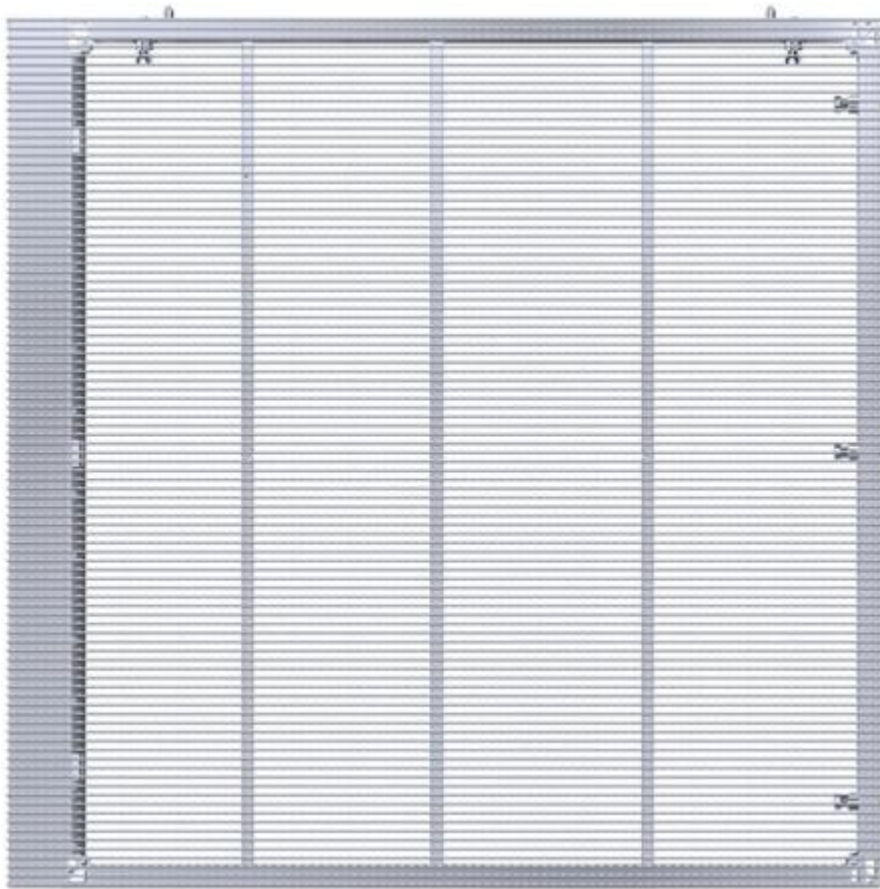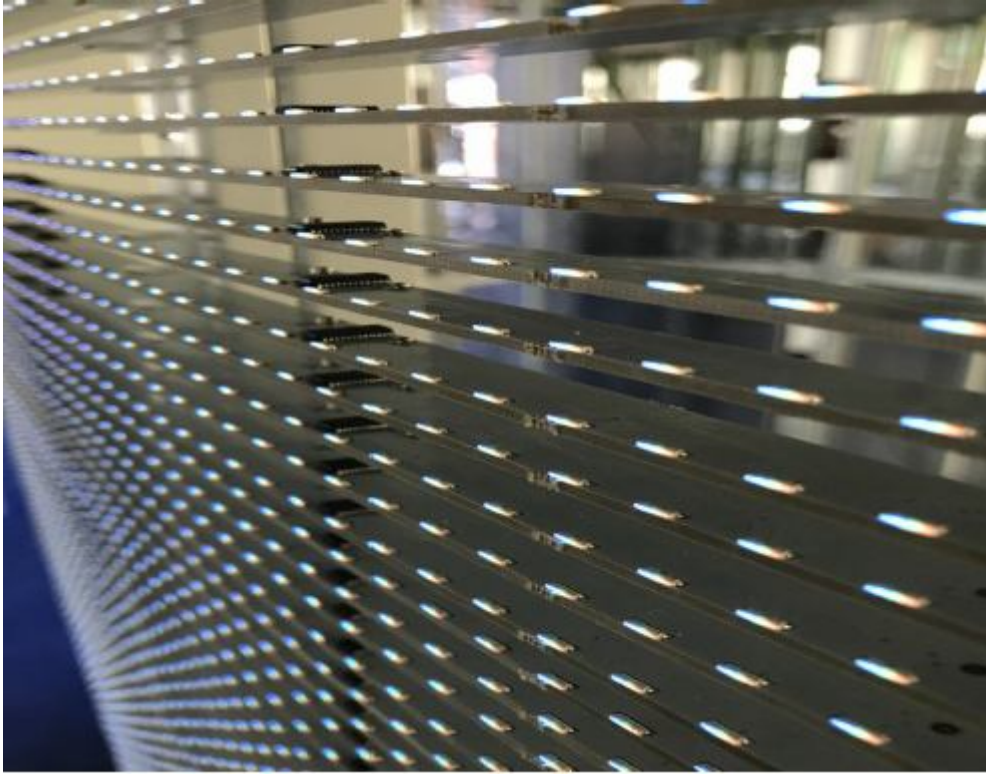# Transparent LED display

(Media Facade)

Transparent LED display features high transparency. It is an innovative solution which is specially designed for glass facades.

Due to its high brightness the transparent LED display is readable and visible even in the sun light while mounted behind glass facade. Furthermore, its extremely lightweight design requires minimum structure to support it and the hidden cable design minimizes the interference of the view, making it perfect not only for glass facades, but also for retail applications, product demonstrations and exhibitions.

1. Feature- High Transparency Rate

LED lamps (Customized Nation Star SMD 3806) and driver ICs are mounted on the side of the PCB, enhancing transparent rate to the maximum while reducing interferer of the view to the minimum.

2. Specifications

Model No.	TLD4.46	TLD6.25	TLD10.42	TLD15.63
Pixel pitch	4.46 mm	6.25 mm	10.42 mm	15.63 mm
LED type	SMD 3806 (NationStar)	SMD 3806 (NationStar)	SMD 3806 (NationStar)	SMD 3806 (NationStar)
Resolution	112 x 112	80 x 160	96 x 96	64 x 64
Pixel density	50176 pixels/m^2	25600 pixels/m^2	9216 pixels/m^2	4906 pixels/m^2
Transparency Rate	42%	70%	83%	92%
Brightness	6000 nits	5500 nits	5000 nits	6000 nits
Power consumption	Max.850 W/m^2	Max. 700 W/m^2	Max. 800 W/m^2	Max. 650 W/m^2
IP rating	Indoor only			
Serviceability	Back			
Refresh rate	1920 Hz			
Color depth	14 Bit			
Viewing angle	Horizontal 160°; Vertical 140°			
LED lifetime	80,000 hrs (50% brightness)			
Operational temperature	-20℃～+45℃ / -4℉ ～ +113℉			
Operational humidity	10%～80%			
Input voltage	100～240V / 50～60Hz			
Dimensions	500*500*80 mm	500*1000*80 mm	1000*1000*80 mm/39.37*39.37*3.15 inch	
Weight	4 kg (8.2 lb)/m2	6.5 kg (14.33 lb)/m2	10.35 kg (22.82 lb)/m2	