



TLVISION



12mm Indoor LED Ribbon System

The Trans-Lux TL Vision 12mm LED Ribbon delivers 12mm resolution that rivals flat panel display quality. It boasts 281 trillion colors for outstanding color reproduction and a flexible module configuration to fit virtually any size or shape your application requires. Make any indoor environment more engaging with 12mm LED solutions from Trans-Lux.

Everything looks bigger and better when viewed on a Trans-Lux TL Vision 12mm LED Ribbon. It's the perfect pitch for indoor digital display applications that want the best in performance and value. Configure it in virtually any size and shape you can imagine to fit the locations you want – and it's all but guaranteed to attract attention to your content. Now that's engaging.



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12mm Indoor LED Ribbon System Specifications

Module Parameters	TL-MC-IR12	TL-CR-IR12	TL-IR12
Pitch(mm)	12.0		
Pixel Configuration	SMD 3 in 1		
LED Type	SMD 3030 Black	SMD 3528 Black	
Module Dimensions(mm)(HxW)	192*192		
Module Resolution(HxW)	16*16		
Cabinet Parameters			
Pixel Density(pixel/m ²)	6944		
Cabinet Configuration(HxW)	4*4		
Cabinet Dimensions(mm)(HxW)	768*768		
Cabinet Material	Aluminum		
Cabinet Resolution(HxW)	64*64		
Cabinet Area(m ²)	0.59		0.589
Weight(KG/m ²)	32		43
IP Rating (Front/Rear)	IP30		
Opto Parameters			
Max White Balance Brightness(Nits)	2000		
Viewing Angle(H/V)	160°/160°		
Pixel Level Brightness Calibration	Yes		
Pixel Level Color Calibration	Yes		
Contrast	3000:1		
Brightness Control Mode	Manual/Auto/Programmable		
System Parameters			
Max Power Consumption(W/m ²)	765	790	1000
Average Power Consumption(W/m ²)	268	277	350
Power Supply	AC120/208±10%,47~63Hz		
Typical Lifetime(hours)	100,000		
Working Temperature(°C)	-20 – +50		
Working Humidity(%RH)	10 – 90		
Serviceability	Front/Rear		
Certificate	CCC CE UL		
Image Processing			
Frame Rate(Hz)	60		
Refresh Rate(Hz)	≥3840		1500
Driving Method	1/2 dynamic scan		

Specifications are subject to change without notice.



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