



TLVISION



20mm Indoor LED Ribbon System

The Trans-Lux TL Vision 20mm LED Ribbon will make your content stand out even in the busiest indoor environments. Its image detail, color and brightness will make all of your content engaging to captivate audiences. And you can customize it to virtually any size and shape to meet your specific design and installation requirements.

The TL Vision 20mm LED Ribbon produces brilliant images with great color reproduction. In fact it's capable of reproducing up to 281 trillion colors to deliver extreme accuracy of any hue. And with a 20mm LED pitch, its high resolution will floor you. Watch it engage your audience.



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20mm Indoor LED Ribbon System Specifications

Module Parameters	TL-MC-IR20	TL-CR-IR20	TL-IR20
Pitch(mm)	20.0		
Pixel Configuration	SMD 3 in 1		
LED Type	SMD 3535 Black		SMD 3535
Module Dimensions(mm)(HxW)	160*320		
Module Resolution(HxW)	8*16		
Cabinet Parameters			
Pixel Density(pixel/m ²)	2500		
Cabinet Configuration(HxW)	6*4		
Cabinet Dimensions(mm)(HxW)	960*1280		
Cabinet Material	Aluminum		
Cabinet Resolution(HxW)	48*64		
Cabinet Area(m ²)	1.23		1.228
Weight(KG/m ²)	32		43
IP Rating (Front/Rear)	IP30		
Opto Parameters			
Max White Balance Brightness(Nits)	3000		2200
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)	450	350	420
Average Power Consumption(W/m ²)	158	123	147
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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