

LED Mediastripe®

Transparent Media Façade Solution



Key applications

- Architecture integration
- In-window installation without loss of view
- City advertising
- Façade installations
- High profile corporate branding

Key features

- Transparent display
- Weatherproof
- Ultra-lightweight aluminium design
- Flexible installation options



Transparent and lightweight outdoor media façade solutions
PSD Bank, Muenster/ Germany



Transparent and lightweight indoor media screen solutions
HAMAD international Airport, Doha/ Qatar



Façade



Outdoor
Indoor



LED



25 mm
31.25 mm



Up to 8,000 nits
Up to 86%
transparency

Specifications

Mediastripe®		EXP25 LED-O MS	EXP31.25 LED-O MS
Pixel & Stripe	Pixel pitch (h) [mm]	25	31.25
	Pixel composition	1R1G1B	
	Lamp type	DIP347	
	LED package dimension	3.5 mm oval	
	Stripe resolution [pixel per stripe length]	40/60/80	32/48/64
	Pixel density [m ²] / Vertical pixel pitch [mm]	1,600/25 800/50	1,024/31.25 512/62.5
	Stripe permutation	Horizontal/Vertical	
Physical	Stripe size [mm]	10.5x1,000/1,500/2,000	
	Weight aluminium profile [kg/m]	0.33 single stripe	
	Stripe color (material)	Aluminum anodized nature (other colors possible)	
	Service access	Front	
Electrical	Input voltage (nominal) [VAC] ± 10%	100-240	
	Input power frequency [Hz] ± 10%	50-60	
	Signal connector	Serial or DMX interface	
	Max power consumption per m [W/m]	12 (0.3/pixel)	10 (0.3/pixel)
	Max power consumption [W/m ²] / Vertical pixel pitch [mm]	480/25 240/50	310/31.25 155/62.5
	Lifetime [h]	>100,000	
Approvals & Environmental	Protection level [IP]	66	
	Cooling	Passive (system based per gaps between stripes)	
	Operating temperature (environmental)	-20°C - +60°C	
	Humidity (non-condensing)	10% - 90%	
	Eco-labels	PFC, RoHS, EMC	
Video	Visual resolution [visual pixels per stripe length]	40/60/80	32/48/64
	Transparency [%] / Vertical pixel pitch [mm]	58/25 79/50	66/31.25 83/62.5
	Viewing angle	120°H/60°V	
	Recommended viewing distance [m]	>25	>32
	Brightness (calibrated) [nits or cd/m ²]	5 cd/pixel	
	Brightness [nits] / Vertical pixel pitch [mm]	8,000/25 4,000/50	5,000/31.25 2,500/62.5
	Color temperature (calibrated) [kelvin°]	3,200 - 9,300 (adjustable)	
	Refresh rate standard chip driver (*) [Hz]	<2,000	
	Drive method	Constant current, PWM	
	Processing depth [bits]	16	
	Greyscale	RGB 65536	

Installation / Mounting principle:

