

Flexible LED Display Series

LV-MR19 / LV-MR26 / LV-MR29 / LV-MR39

FLEXIBLE

High-refresh indoor LED display platform with 500 x 500 mm panels, rear maintenance and multiple pixel-pitch options for different viewing distances.

Pixel Pitch	1.953 / 2.604 / 2.976 / 3.91 mm
Refresh Rate	> 7680 Hz
Brightness	> 800 nits
Panel Size	500 x 500 x 78 mm
Viewing Angle	H160 deg / V140 deg
Life Span	100,000 Hours

Professional Flexible LED Display Solutions

Technical specifications compiled from the supplied data and the referenced Luxon Visual product page.

Series Comparison

Model	Pixel Pitch	Pixel Density	Pixel Structure	Avg. Power	Viewing Distance
LV-MR19	1.953 mm	262,144 pixels/sqm	SMD1415 + GOB	< 200 W/m2	> 1.9 m
LV-MR26	2.604 mm	147,456 pixels/sqm	SMD1415	< 180 W/m2	> 2.6 m
LV-MR29	2.976 mm	112,896 pixels/sqm	SMD2020	< 200 W/m2	> 2.9 m
LV-MR39	3.91 mm	65,536 dots/sqm	SMD2020	< 180 W/m2	> 3.9 m

Common Platform Specifications

Module Size	500 x 250 mm
Panel Size	500 x 500 x 78 mm
Module Arrangement	1 x 2 pcs
Refresh Rate	> 7680 Hz
Panel Weight	7.0 kg +/- 0.5 kg
Brightness	> 800 nits
Best Viewing Angle	H160 deg / V140 deg
Working Voltage	AC 100-240V (+/-10%)
IP Rating	Front IP20 / Rear IP20
Maintenance	Rear Maintenance
Max Power Consumption	< 580 W/m2
Life Span	100,000 Hours

LV-MR19 Flexible

Specification	Value
Pixel Pitch	1.953 mm
Resolution	262,144 pixels/sqm
Pixel Structure	SMD1415 + GOB
Module Size	500 x 250 mm
Module Resolution	256 x 128 dots
Panel Size	500 x 500 x 78 mm
Panel Resolution	256 x 256 dots
Module Arrangement	1 x 2 pcs
Refresh Rate	> 7680 Hz
Panel Weight	7.0 kg +/- 0.5 kg
Brightness	> 800 nits
Best Viewing Distance	> 1.9 m
Best Viewing Angle	H160 deg / V140 deg
Working Voltage	AC 100-240V (+/-10%)
IP Rating	Front IP20 / Rear IP20
Maintenance Way	Rear Maintenance
Max Power Consumption	< 580 W/m ²
Average Power Consumption	< 200 W/m ²
Life Span	100,000 Hours

LV-MR26 Flexible

Specification	Value
Pixel Pitch	2.604 mm
Resolution	147,456 pixels/sqm
Pixel Structure	SMD1415
Module Size	500 x 250 mm
Module Resolution	192 x 96 dots
Panel Size	500 x 500 x 78 mm
Panel Resolution	192 x 192 dots
Module Arrangement	1 x 2 pcs
Refresh Rate	> 7680 Hz
Panel Weight	7.0 kg +/- 0.5 kg
Brightness	> 800 nits
Best Viewing Distance	> 2.6 m
Best Viewing Angle	H160 deg / V140 deg
Working Voltage	AC 100-240V (+/-10%)
IP Rating	Front IP20 / Rear IP20
Maintenance Way	Rear Maintenance
Max Power Consumption	< 580 W/m ²
Average Power Consumption	< 180 W/m ²
Life Span	100,000 Hours

LV-MR29 Flexible

Specification	Value
Pixel Pitch	2.976 mm
Resolution	112,896 pixels/sqm
Pixel Structure	SMD2020
Module Size	500 x 250 mm
Module Resolution	168 x 84 dots
Panel Size	500 x 500 x 78 mm
Panel Resolution	168 x 168 dots
Module Arrangement	1 x 2 pcs
Refresh Rate	> 7680 Hz
Panel Weight	7.0 kg +/- 0.5 kg
Brightness	> 800 nits
Best Viewing Distance	> 2.9 m
Best Viewing Angle	H160 deg / V140 deg
Working Voltage	AC 100-240V (+/-10%)
IP Rating	Front IP20 / Rear IP20
Maintenance Way	Rear Maintenance
Max Power Consumption	< 580 W/m2
Average Power Consumption	< 200 W/m2
Life Span	100,000 Hours

LV-MR39 Flexible

Specification	Value
Pixel Pitch	3.91 mm
Resolution	65,536 dots/sqm
Pixel Structure	SMD2020
Module Size	500 x 250 mm
Module Resolution	128 x 64 dots
Panel Size	500 x 500 x 78 mm
Panel Resolution	128 x 128 dots
Module Arrangement	1 x 2 pcs
Refresh Rate	> 7680 Hz
Panel Weight	7.0 kg +/- 0.5 kg
Brightness	> 800 nits
Best Viewing Distance	> 3.9 m
Best Viewing Angle	H160 deg / V140 deg
Working Voltage	AC 100-240V (+/-10%)
IP Rating	Front IP20 / Rear IP20
Maintenance Way	Rear Maintenance
Max Power Consumption	< 580 W/m2
Average Power Consumption	< 180 W/m2
Life Span	100,000 Hours

HGV DISPLAY

Specifications are presented from the supplied LV-MR series data. Final project configuration should be confirmed before quotation or production.