Multi-Form Cabinet Design

Compatible with SMD, GOB, and COB

Seamless Curves

Easy Maintenance

Superior Protection

High Contrast Ratio

INDOOR CREATIVE LED DISPLAY

The DV Flux series offers versatile multi-form cabinets—including flat, concave, convex, edge-cut, circular, and custom curved configurations—compatible with SMD, GOB, and COB display panels. Its die-cast aluminum frames are CNC-machined for perfectly smooth curves, with custom angle plates ensuring precise joints and uniform transitions. Optional redundancy for dual receiving cards and power supplies, along with a hard-link module design without cables, enhance stability and simplify maintenance. With 14-bit grayscale, high contrast, and GOB surface protection, the displays deliver vibrant, detailed images that resist water, dust, impact, and static. All this combines to ensure the DV Flux series delivers smooth curves, consistent color, and superior durability.

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DV FLUX

Newline DV FLUX Indoor Creative LED Display Specifications - SMD / SMD+GOB				
Pixel Pitch (mm)	**1.25**	**1.56**	**1.87**	**2.5**
LED Type	SMD / SMD+GOB			
Pixel Density (dots/m²)	640,000	409,600	284,444	160,000
Cabinet Size (mm) (W x H x D)	300 x 675 x 58			
Cabinet Size (inches) (W x H x D)	11.81 x 26.58 x 2.29			
Cabinet Resolution (W×H)	240 x 540	192 x 432	160 x 360	120 x 270
Cabinet Material	Die-cast aluminum			
Module Size (mm) (W×H)	300 × 168.75			300 × 337.5
Module Size (inches) (W×H)	11.81 x 6.64			11.81 x 13.29
Weight (kg)	5.7 /cabinet			
Weight (lbs)	12.57 /cabinet			
Viewing Angle	160°(V) / 160°(H)			
Brightness (nits)	600			
Brightness Uniformity	≥98%			
Contrast Ratio	7,000 : 1			
Refresh Rate (Hz)	3840			
Gray Scale	14 bit			
Color Calibration	Pixel to Pixel			
Color Temperature	2,000~10,000K			
A.C. Inputs	100 ~ 240 V			
Frame Rate	50 / 60 hz			
Power Consumption (Max.)	≤500W/m²	≤500W/m²	≤400W/m²	≤400W/m²
Power Consumption (Avg.)	≤170W/m²	≤170W/m²	≤130W/m²	≤130W/m²
Redundancy	Optional			
Serviceability	Front			
Operation Temperature (°C)	-10 ~ 40			
Operation Temperature (°F)	14 ~ 104			
Operation Humidity	10% ~ 85%RH			
Ingress Protection	IP20 rear / IP 40 front			
Exterior/Interior	Interior			
Lifespan	100,000 hrs			
Certificates	CE, FCC, CB, ETL			

DV FLUX

Newline DV FLUX Indoor Creative LED Display Specifications - COB						
Pixel Pitch (mm)	**0.625**	**0.78125**	**0.9375**	**1.25**	**1.5625**	**1.875**
LED Type	COB					
Pixel Density (dots/m²)	2,560,000	1,638,400	1,137,778	640,000	409,600	284,444
Cabinet Size (mm) (W x H x D)	300 x 675 × 58					
Cabinet Size (inches) (W x H x D)	11.81 x 26.58 x 2.29					
Cabinet Resolution (W×H)	480 x 1080	384 x 864	320 x 720	240 x 540	192 x 432	160 x 360
Cabinet Material	Die-cast aluminum					
Module Size (mm) (W×H)	150 x 168.75		300 x 168.75			
Module Size (inches) (W×H)	5.91 x 6.64		11.81 x 6.64			
Weight (kg)	5.7 /cabinet					
Weight (lbs)	12.57 /cabinet					
Viewing Angle	170°(V) / 170°(H)					
Surface Treatment	Black matte					
Brightness (nits)	800-1000					
Brightness Uniformity	≥98%					
Contrast Ratio	15,000 : 1					
Refresh Rate (Hz)	3840-7680					
Gray Scale	14 ~ 16 bit					
Color Calibration	Pixel to Pixel					
Color Temperature	2,000 ~ 10,000K					
Color Gamut	≥97% DCI-P3 optional					
HDR	HLG / HDR / HDR 10+					
A.C. Inputs	100 ~ 240 V					
Frame Rate	50 / 60 hz					
Power Consumption (Max.)	300-450 W/m²					
Power Consumption (Avg.)	100-150 W/m²					
Redundancy	Optional (receiving card)					
Serviceability	Front					
Operation Temperature (°C)	-10 ~ 40					
Operation Temperature (°F)	14 ~ 104					
Operation Humidity	10% ~ 90%RH					
Ingress Protection	IP54 front / IP20 rear					
Exterior/Interior	Interior					
Lifespan	100,000 hrs					
Certificates	CE, FCC, CB, ETL					