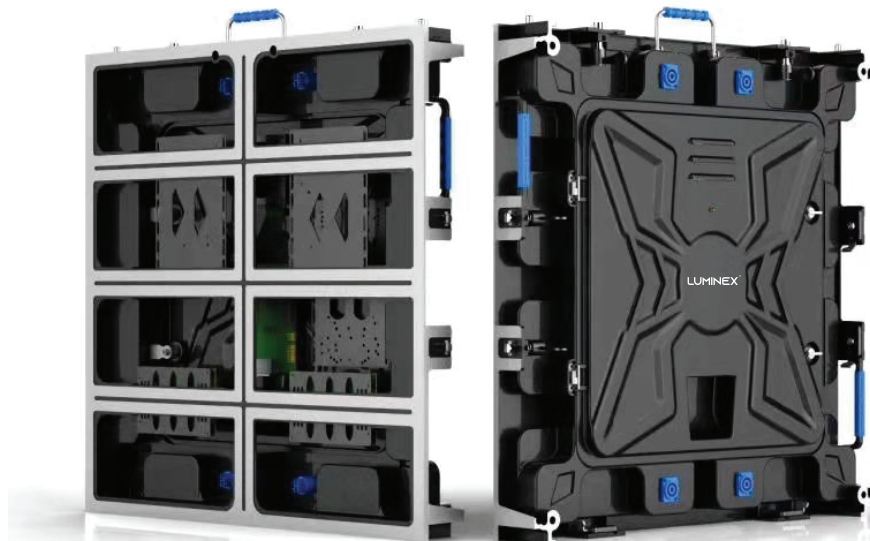


# LUMINEX™

## F Series

### TECHNICAL SPECIFICATIONS FLM - 640

Pixel Pitch	2mm	2.5mm	3mm	4mm
Pixel Density (Dots/sqm)	250000	160000	105625	62500
Led Encapsulation	SMD1515	SMD1515	SMD2020	SMD2020
Chip Brand	Nationstar/DSBJ	Nationstar/DSBJ	Nationstar/DSBJ	Nationstar/DSBJ
Viewing Angle	H:140 V:140	H:140 V:140	H:140 V:140	H:140 V:140
Min Viewing Distance (m)	2m	2.5m	3m	4m
Brightness (Nits)	450~900	450~900	450~900	450~900
Refresh Rate (Hz)	1920~3840	1920~3840	1920~3840	1920~3840
Frame frequency	50-60Hz	50-60Hz	50-60Hz	50-60Hz
Module Size (mm)	320*160	320*160	320*160	320*160
Cabinet Size (mm)	640*640	640*640	640*640	640*640
Cabinet Resolution	320*320px	256*256px	213*213px	160*160px
Cabinet Material	Die cast Aluminium	Die cast Aluminium	Die cast Aluminium	Die cast Aluminium
Cabinet Weight	≤ 20Kg/Sqm	≤ 20Kg/Sqm	≤ 20Kg/Sqm	≤ 20Kg/Sqm
Power Consumption (Avg/max . W/sqm)	208/439	216/457	200/413	230/465
Operating Temp/Humidity	-20°C~45°C 10~90%RH			
Storage Temp/Humidity	-25°C~50°C 10~90%RH			
Lifetime(hours)	≥100,000(Normal Temp)			
IP Grade	IP30	IP30	IP30	IP30
Grayscale	16 bits	16 bits	16 bits	16 bits
Driving method	1/40 scan	1/32 scan	1/26 scan	1/20 scan
Electrical Circuits 220V/20A (Recommended)	10 panels	10 panels	10 panels	10 panels
Receiving card	Novastar	Novastar	Novastar	Novastar
Environment	Indoor	Indoor	Indoor	Indoor



**NOVA STAR**