

LUMINEX™

F Series

TECHNICAL SPECIFICATIONS FLM - 960

Pixel Pitch	4mm	5mm	8mm	10mm
Pixel Density (Dots/sqm)	62500	40000	15625	10000
Led Encapsulation	SMD1921	SMD2727	SMD3535	SMD3535
Chip Brand	Nationstar/DSBJ	Nationstar/DSBJ	Nationstar/DSBJ	Nationstar/DSBJ
Viewing Angle	H:120 V:120	H:120 V:120	H:120 V:120	H:120 V:120
Min Viewing Distance (m)	4m	5m	7m	9m
Brightness (Nits)	4000~6500	4000~6500	4000~6500	4000~6500
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)	960*960	960*960	960*960	960*960
Cabinet Resolution	240*240px	192*192px	120*120px	96*96px
Cabinet Material	Die cast Aluminium	Die cast Aluminium	Die cast Aluminium	Die cast Aluminium
Cabinet Weight	≤ 28Kg/Sqm	≤ 28Kg/Sqm	≤ 28Kg/Sqm	≤ 28Kg/Sqm
Power Consumption (Avg/max . W/sqm)	360/900	400/850	280/700	400/880
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	IP65/54	IP65/54	IP65/54	IP65/54
Grayscale	14 bits	14 bits	14 bits	14 bits
Driving method	1/16 scan	1/16 scan	1/8 scan	1/4 scan
Electrical Circuits 220V/20A (Recommended)	5 panels	5 panels	5 panels	5 panels
Receiving card	Novastar	Novastar	Novastar	Novastar
Environment	Indoor/Outdoor	Indoor/Outdoor	Indoor/Outdoor	Indoor/Outdoor



NOVA STAR