

# LUMINEX™

## R Series

### TECHNICAL SPECIFICATIONS RLM - 1000

Pixel Pitch	2.604mm	2.976mm	3.91mm	4.81mm
Pixel Density (Dots/sqm)	147473	112909	65409	43222
Led Encapsulation	SMD1010	SMD2121	SMD1921	SMD2727
Chip Brand	Nationstar	Nationstar	Nationstar	Nationstar
Viewing Angle	H:120 V:120	H:120 V:120	H:120 V:120	H:120 V:120
Min Viewing Distance (m)	2m	3m	4m	5m
Brightness (Nits)	3000~5000	3000~5000	3000~5000	3000~5000
Refresh Rate (Hz)	1920~3840	1920~3840	1920~3840	1920~3840
Frame frequency	50-60Hz	50-60Hz	50-60Hz	50-60Hz
Module Size (mm)	250*250	250*250	250*250	250*250
Cabinet Size (mm)	1000*500*80	1000*500*80	1000*500*80	1000*500*80
Cabinet Resolution	192*384px	168*336px	128*256px	104*208px
Cabinet Material	Die cast Aluminium	Die cast Aluminium	Die cast Aluminium	Die cast Aluminium
Cabinet Weight	15Kg	15Kg	15Kg	15Kg
Power Consumption (Avg/max . W/sqm)	320/640	300/620	280/600	250/580
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	16 bits	16 bits	16 bits	16 bits
Driving method	1/16 scan	1/16 scan	1/8 scan	1/4 scan
Electrical Circuits 220V/20A (Recommended)	6 panels	8 panels	10 panels	10 panels
Receiving card	Novastar	Novastar	Novastar	Novastar
Environment	Indoor/Outdoor	Indoor/Outdoor	Indoor/Outdoor	Indoor/Outdoor



**NOVA STAR**