

**Specifications**

Project name	
LED Type	SMD1515x-A.rf
Power supply	Meanwell 230V
Housing material	Aluminum
Driving Chip	MBI 5252
Warranty	24 months
Brightness	> 4.500 cd/m <sup>2</sup>
Waterproof	IP65 front / IP55 back

**LED/m<sup>2</sup>**

Led Pitch Width	2.58 mm
Led Pitch Height	2.58 mm
Led Pixel Density	149.769 pixel/m <sup>2</sup>
Led Density	449.307 leds/m <sup>2</sup>
Total Cabinets/m <sup>2</sup>	4,064 cabinets
Total Weight	36kg/m <sup>2</sup>
Led Colors	3 LED colors - RGB
Display Colors	64 Billion Colors - RGB
Max Consumption	960 watt/m <sup>2</sup>
Avg Consumption	480 watt/m <sup>2</sup>
Brightness	4.500 cd/m <sup>2</sup>
Viewing Angle	140°/140° angle
Viewing Distance	2.58 meter and more
Frequency	>60 Hz
Temperature	T 0 to +65°C
Refresh Rate	>1920 Hz
Life Time	100000 hours
MTBF	50000 hours
White Balance	6500 K
Grayscale	65536 level
Contrast Ratio	5000:1 ratio
Aspect Ratio	1:1 ratio

**LED Module**

Module Size	W 248 mm x H 248 mm
Module Resolution	9216 total px -96 px width x 96 px height
Module Scan	16 scan
Leds Each Pixel	3 px
Driving Chip	MBI 5252
Led Module Voltage	4.2V - 5V

**LED**

Led color	RGB
Led brightness	0,83 Cd
Led brightness m <sup>2</sup>	4.500 nit
Led type	smd1515x
Led angle	140° / 140°

**LED Display Cabinet**

Cabinet Dimension	W 496 mm x H 496 mm
Cabinet Thickness	62 mm
modules	4/cabinet
Waterproof	IP65 front / IP55 back
Weight	8,86 kg
Coating Color	black
Maintenance	front/back maintenance
Mounting	on a backframe
Max Consumption	236 watt/cabinet
Avg Consumption	118 watt/cabinet
series Power Cables	14 max cabinets series power connected

**Controlling system**

Synchronization	Synchrone
Sender Card	Novastar VX4S
Receiving Card	A5 Receiving Card
Operating System	Windows 10
Input Connection	HDMI,DVI, CVBS, HDSDI, VGA and Displayport
Resolution	Max 1920x1200

**Electronic components**

Power Supply	230 V
Ethernet Cables	CAT 5
Cable Diameter	2,5 mm <sup>2</sup> max 3500 watt
Power Supply Brand	Meanwell 230V

**Transport**

Packing Weight	10 kg/box
Total Weight	75 kg/8 cabinets + packing
Shipment Boat	30 days
Shipment Air	8 days
Incoterm	EXW
Packing type	Extra strong carton packing

**MOQ - Minimum order quantity**

Led module	From 10 modules
Led cabinets	From 4 cabinets

**Warranty**

Spare parts	1% : LED's, drivers, shaders, hubcards, PSU's, cabling
Warranty	24 months
Production time	35 days

**After service**

Warranty	Carry-in warranty at EU Office Waarloos (B)
Repair time	10 days

**Payment terms**

Prepayment	70% Prepayment
Final payment	30% before pick-up of goods at EU Office Waarloos (B)

**Display controller functions**

**Novastar VX4S**

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Resolution	2048x1152@60Hz, 1920x1200@60Hz, 2590x960@60Hz (8-bit), ...
Video format	RGB, YCrCb4:2:2, YCrCb4:4:4
Brightness adjustment	direct on unit, via rotating knob
Video input	HDMI, DVI, VGA × 2, CVBS × 2, DP, SDI
Max Scanning	1-32 Scan
Frequency	60Hz
Grayscale	16Bit 65536 Level
Refresh Rate	3840Hz Scanning, 6000Hz Static
Monitor Function	optional monitor card
Brightness Sensor	optional
Card Connection	RJ45 150 Meter Distance