

Specifications

Project name	
LED Type	Kinglight 2020 copperwire
Power supply	RD/GW 230V
Housing material	Aluminum
Driving Chip	MBI 5153
Warranty	24 months
Brightness	> 1.000 cd/m ²
Waterproof	IP 43/20

LED/m²

Led Pitch Width	2.81 mm
Led Pitch Height	2.81 mm
Led Pixel Density	126.025 pixel/m ²
Led Density	378.075 leds/m ²
Total Cabinets/m ²	4,064 cabinets
Total Weight	36kg/m ²
Led Colors	3 LED colors - RGB
Display Colors	64 Billion Colors - RGB
Max Consumption	960 watt/m ²
Avg Consumption	480 watt/m ²
Brightness	>1.000 cd/m ²
Viewing Angle	140°/140° angle
Viewing Distance	2.81 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	7744 total px -88 px width x 88 px height
Module Scan	22 scan
Leds Each Pixel	3 px
Driving Chip	MBI 5153
Led Module Voltage	4.2V - 5V

LED

Led color	RGB
Led brightness	0,70 Cd
Led brightness m ²	>1.000 Cd
Led type	smd2020x
Led angle	140° / 140°

LED Display Cabinet

Cabinet Dimension	W 496 mm x H 496 mm
Cabinet Thickness	55 mm
modules	4/cabinet
Waterproof	Indoor - IP43 front / IP20 back
Weight	7,86kg
Coating Color	none
Maintenance	front 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 ² max 3500 watt
Power Supply Brand	RD/GW 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

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