



VS 20 – CV LED

Technical parameters:

Pixel spacing (pitch):	20 mm
Light source in a pixel ¹ :	1 or 2 pcs. red, 2 pcs. pure green and 1 pc. blue
Pixel density:	2500 pixels/m ²
Maximum display intensity ¹ :	5-7000 NIT (cd/m ²)
Number of possible colour:	more than 16 million
Brightness control:	8 steps (independent from the colours)
Refreshing time:	same as video source, 2000 frames/sec on the LED surface
Viewing angles	Horizontal: 150° Vertical: -45° + 25°
Temperature range for Storage:	-20°C to + 60°C
Temperature range for Operation:	-10°C to + 35°C without air conditioning -20°C to + 60°C with air conditioning
Relative humidity:	10 - 95 % non condense
Life duration of LED:	50000 - 100000 hour
Life duration of display board:	25 years +
Modul size:	32 (V) x 48 (H) pixel
Power consumption of a module:	max. 800 W (400 W average)

Notes:

- 1: The final specification depends on the applied LEDs.
- 2: The above parameters can change because of the continous technical development.



Typical board sizes:

Moduls:	Resolution: [pixels (Y x X)]	Area: [m ²]	X: [mm]	Y: [mm]	Screen ratio
2 x 2	96 x 128	4.92	2560	1920	4/3
3 x 3	144 x 192	11.06	3840	2880	4/3
3 x 4	144 x 256	14.75	5120	2880	16/9
4 x 4	192 x 256	19.66	5120	3840	4/3
5 x 5	240 x 320	30.72	6400	4800	4/3
6 x 6	288 x 384	44.24	7680	5760	4/3
6 x 8	288 x 512	58.98	10240	5760	16/9
8 x 8	384 x 512	78.64	10240	7680	4/3