



VS 15 – CV LED

Technical parameters:

Pixel spacing (pitch):	15 mm
Light source in a pixel:	1 pc. red, 1 pc. pure green and 1 pc. blue
Pixel density:	4444 pixels/m ²
Maximum display intensity ¹ :	>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:	64 (V) x 96 (H) pixel
Power consumption of a module:	max. 2.1 kW (1 kW 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	2.76	1920	1440	4/3
3 x 3	144 x 192	6.22	2880	2160	4/3
3 x 4	144 x 256	8.29	3840	2160	16/9
4 x 4	192 x 256	11.06	2840	2880	4/3
5 x 5	240 x 320	17.28	4800	3600	4/3
6 x 6	288 x 384	24.88	5760	4320	4/3
6 x 8	288 x 512	33.18	7680	4320	16/9
8 x 8	384 x 512	44.24	7680	5760	4/3