

## 1.5M FULL VIDEOBALL

Designed in the UK by Malham Lighting, the 1.5M Videoball has a custom pixel pitch design enabling video to be played directly from a DVI signal with no significant change in aspect ratio.

Initially designed as a dancefloor centrepiece, the Videoball is also perfect for advertising applications and displaying text and logos in a 360° format without complex video processing.

**pixel pitch** min 4.8mm - max 18.1mm

**LED composition** SMD LED 3528

**LED wavelength** R 625-630nm G 525-530nm B 470-475nm

**total pixels** 29,824 dots

**colour configuration** 1R 1G 1B

**screen diameter** 1500mm

**screen weight** 230kg

**viewing distance** 5m-100m

**viewing angle** H 140° V 140°

**ambient storage temperature** -40°C to +80°C

**ambient operation temperature** -20°C to +60°C

**ambient humidity** 10% - 90%

**IP rating** IP31

**max power consumption** 800W

**ave power consumption** 400 - 450W

**operation voltage** AC220 ± 10% 60Hz

**driving mode** ¼ duty

**brightness** 800 nits

**frame rate** = 60 Hz

**refresh rate** = 800 Hz

**colour / greyscale** 17.2 billion

**overall lifespan** 40,000 hrs

**LED lifespan** 80,000 hrs

**rate of pixel failure** < 0.02 %

### CONTROL

synchronised with computer

**video card** DVI

**control system / software** DBstar receiver / send card / software

**effective control distance** 120m without relay

