



1.5M HALF 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.

For situations where headroom restrictions apply. With an installed drop of under 800mm, the Half Video Ball has been used effectively with ceiling heights as low as 3.3 metres.

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

