

D Cinema Screen Checker: Easy guide

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The New D Cinema Screen Brightness Meter

- Measure screen brightness during lamp installation
- Take periodic readings to confirm DCI screen compliance
- Check screen consistency throughout the cinema.
- Displays instant accurate readings for both 2D and 3D screens
- Hand held and easy to use
- Battery powered
- Simple optical screen alignment viewer
- Calibrated within a screen brightness range of 0ft/L to 30 ft/L



The new D-Cinema Screen Checker is a low cost alternative for measuring foot Lamberts in both 2D and 3D. The light output from Xenon lamps does degrade over time, so it is essential that the digital projectors lamp current is increased periodically to maintain light output. The D-Cinema Screen Checker is an easy way to confirm this. D-Cinema Screen checker can also be used to calibrate older 35mm screens.

To take a screen measurement:

- Switch off all house lights and side lights, Screen Checker can detect stray light
- Project white light (test pattern) on screen
- Position yourself centrally in the auditorium and ¼ back from the screen
- Align the units optical viewer with the centre of the screen
- Press the front panel button and record the reading
- Adjust the projector lamp output to give the required light levels on 2D and 3D
- If measuring 3D you must have any polarization filters in place on the projector and take measurements through the 3D glasses

The Screen Checker kit includes a magnetic glasses holder. The glasses can be placed as shown or placed upside down in the holder for ease. The glasses must be kept straight on the horizontal frame, they cannot be at an angle.

