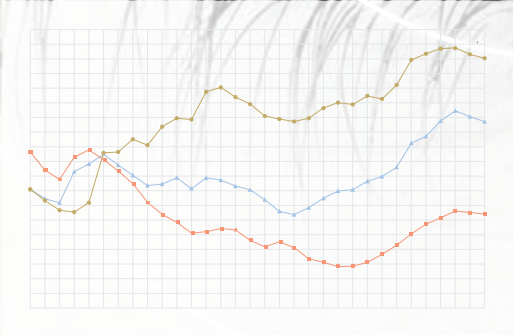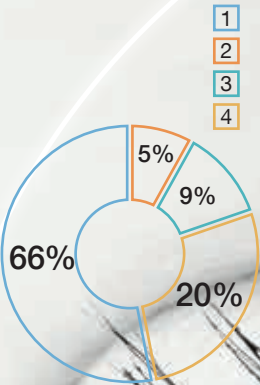# Choosing the right display

What should you look for in a display?

This guide will explore the importance of display size, content legibility, image quality and more increasingly sustainability, helping you find the right optimum display for your workplace.

When you're choosing the right display there's a lot to consider. One of the first questions to ask is whether you need an all-in-one display solution, a whiteboard or a flat panel.

Achieving the optimum display to ensure the audience can see the content is critical to delivering successful presentations. A key advantage of Epson display solutions is that they offer a scalable display size up to 500" which meet the varying requirements of just about any room.

Full HD
displays up to
500"[1]

Great images and the right display size

Finding the right display size for your room is extremely important, because it makes content easy to view and maximises the level of audience understanding and engagement. Unlike fixed flat panel displays, Epson display solutions project incredible quality, scalable Full HD displays up to 500", which opens up a wealth of opportunities for perfect presenting and sharing in a range of situations.

Unrestricted viewing experiences

A viewing experience is more satisfying when viewers are free to relax and concentrate on the information being presented. Every time and in every situation, Epson display solutions present content that is easier to see compared to flat panels which are often too small for the room size. Having the right display size in a room, with no blind spots, finger prints or reflections increases motivation, productivity and delivers the results to be successful in everything we do. It's as important as that.

Intuitive, creative workspaces

Combine an Epson display solution and whiteboard to enable creative, collaborative presentation workspaces. Whereas a flat panel is only useful when it's turned on. Epson display solutions and a whiteboard can be used on its own or to display and annotate digital content.

Lamp or Laser technology?

Epson's high quality displays ensure a professional performance every time.

In general terms, Epson lamp models require a lower initial investment. Our laser models offer true fit-and-forget maintenance and are ready to go in an instant.

Lamp

Lower purchase cost

Low TCO, great for dual budgets

Affordable lamps

Up to 12,000 hours lamp life

TCO Certified[6]

Laser

Premium purchase cost

Reduced cost over lifetime

No lamps

Up to 30,000 hours light source life

Instant on/off

Fit-and-forget maintenance, ideal for permanent or harder-to-reach locations

TCO Certified[6]

An end to maintenance cycles

Epson's fit-and-forget display solutions combine next generation performance with reliability that makes maintenance cycles a thing of the past. Ownership now means lower costs, longer life cycles and impressive warranties up to 5 years.

You can count on up to 12,000 hours life for lamps or 30,000 hours for our laser light sources[5]. Even Epson genuine lamp replacements are much more affordable than people think. In fact, our laser display solutions don't have lamps so they never need replacing.

Hassle-free connectivity

Epson display solutions have comprehensive support and connectivity to match any set up or situation. Our dedicated apps and software are versatile and make it easy for people to make contributions from their own devices whether in the room or in another country and supports BYOD.

A sustainable IT choice with TCO Certified

At this pivotal time when scientists are calling on us to reduce our environmental impact it's good to know that Epson products have been designed with sustainability in mind and are TCO Certified.

TCO Certified is independent affirmation that Epson is making responsible choices and reaching sustainability standards that are recognised across the globe. This strict initiative applies to technology companies and is based on tough social and environmental criteria that apply throughout the entire product life cycle.

The right display – seeing is believing

It starts with finding the right screen size for your room. This simple choice is so important – you need to see content clearly to have effective meetings, while also ensuring that you adhere to health and safety standards.

Meet minimum screen size requirements with ease

Working at a desk where the screen is too small is not good for your eyes and can compromise the quality of on-screen content, so it's essential to have the correct screen size for your meeting room. This is why Epson display solutions exceed the health and safety standards for the equivalent desktop display experience. (EU Directive 90/270/EEC – Display Screen Equipment).

Effective viewing distances

The display size scalability and functionality of our display solutions is not available from traditional flat panel displays. With Epson, regardless of viewing distances the content shown is the right size, of high quality and clearly visible to all so that everyone in the room has the same opportunities to share and engage.
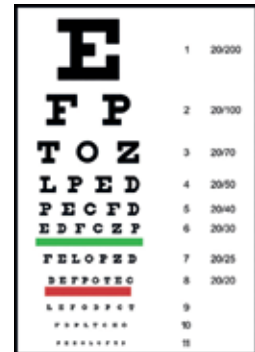
With the Snellen eyesight test, you can ensure you have the right screen size for your meeting room.

Those with 20/20 vision should be able to see line 8 of the chart from a distance of 20ft. If they can't, it may be an indicator that you do not have the right display for your working environment.
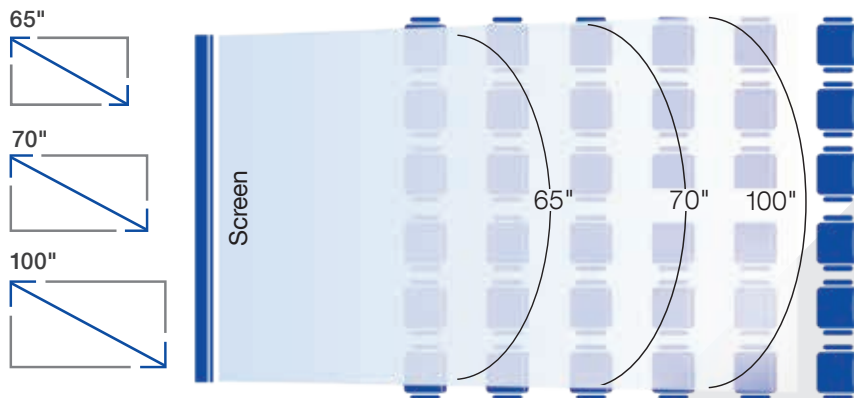

Based on a typical room length of 6 metres

Choosing your solution

Achieving the optimal display means replicating the average desktop experience for all participants in your meeting, including those furthest away from the screen.

According to the Snellen eyesight test, to make an image appear the same size when it is twice as far away, it needs to be twice as tall, or four times the size in area.
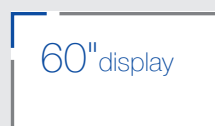
60" display feels like a 14" monitor
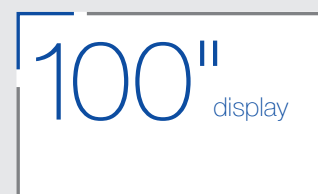
100" display feels like a 25.2" monitor

Based on a room size of 4x3 metres

Unrestricted viewing

Epson display solutions maximise comfort and increase productivity. They deliver higher quality images from any angle, which prevents the frustrations, tiredness and misunderstandings that can result from not being able to see content clearly and properly.

Unrestricted viewing

Some flat panels have restricted viewing angles, making it hard to see content on the screen when viewed from the side of a room. This is not the case with Epson display solutions, unlike flat panels our displays have no blind spots, are free of finger marks, enabling everyone to easily view the content clearly.

Flat panel   Epson display solution   180°

Kinder on the eyes

Flat panel RGB screens can appear pixelated when viewed up close for long periods, such as during interactive presentations or prolonged collaboration. This can potentially cause strain to the eyes. Epson display solutions have less pixelation than flat panel displays and can be viewed in comfort for longer periods.

Flat panel   Epson display solution

Display solutions for an working environment

Our Light Optimiser technology ensures the best performance in any room regardless of how light or dark it is. Ambient light conditions in the room are detected and the level of brightness is changed accordingly.

Bright room   Dark room

Enhanced productivity and results

Ensure everybody in the room gets the best from meetings and classes by working more efficiently and sharing information in more flexible and effective ways. Get a better response and complete audience engagement with images that are clear, bright and free of finger marks and reflections.

Create, Share and Collaborate

Epson Full HD professional interactive display solutions are all-in-one alternatives to separate flat panel screens, flip charts and whiteboards. These maintenance-free, fit-and-forget meeting space displays provide a scalable display sizes that extends up to 100"[1], for a single fixed cost.

All-in-one solution

Epson display solutions are only a fraction of the price of flat panel displays over 80". And because they are significantly lighter, they are easier and far more cost-effective to install. An Epson display solution also offers similar connectivity to a flat panel display, and with no license fees or software costs the solution generates measurable return on investment straight out of the box.

Enhanced productivity and success

Inefficient meetings or lectures can be a huge source of frustration and wasted time. Turn meetings into lively discussions with on-screen dual pen interactivity or fingertouch controls across the entire screen, and project onto just about any flat surface including a tabletop. Discuss and develop ideas, then save and print results or e-mail documents directly to MS Outlook contacts with Lightweight Directory Access Protocol (LDAP) support.

Add whiteboard functionality

Connect your whiteboard via DVI out and project the image onto a large secondary screen. View content and annotate directly from up to 15 laptops or tablets via a web browser and then save, send or print. Whiteboard functionality can also be kept secure with password-protected access.

Collaborate via high quality video conferencing

Project wirelessly from mobile devices
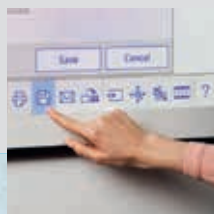
Save, share and print

Annotate with unrivalled precision

A sustainable IT choice with TCO Certified

TCO Certified is the world's most comprehensive sustainability certification for IT products. It helps purchasers and manufacturers to reduce social and environmental risks with a more sustainable life cycle for workplace electronics. It also adds energy efficiency to our presenting solutions and enables whisper quiet operation.

www.epson.co.za/tcocertified

Eliminate maintenance cycles

Epson's fit-and-forget display solutions combine next generation performance with reliability that makes maintenance cycles a thing of the past. Ownership now means low cost, long lasting lamps, next generation laser light sources and impressive warranties up to 5 years - for added piece of mind.

Small room or huddle space

Viewing distance: 1 to 2 metres

Typical screen size: 30" to 100"

On the go presenting, one to one or one to many in collaborative environment

Content: Presentations, videos, images and project plans

Medium sized collaboration space

Viewing distance: 2 to 3 metres

Typical screen size: 65" to 200"

Collaborative environment, demanding desktop equivalence and remote access possibilities

Content: Interactive whiteboard documents, presentations and training modules

Large meeting and conference rooms

Viewing distance: 3 to 11 metres

Typical screen size: 100" to 500"

One-to-many presentations and information sharing

Content: Presentations, charts, videos and websites

	Epson display solutions	Flat panel
Display size (diagonal)	Scalable up to 500"[1]	Average interactive flat panel 65" – 75"[2]
Adjustable display size	Yes, scalable display size at one fixed cost	No – fixed display size only
Impact	Correctly sized displays maximise visibility and impact, encourage collaboration and increase productivity	Displays of an inappropriate size minimise impact and visibility, restrict interaction and are limited to small rooms
Installation and maintenance	Light weight, low cost, long lifecycle fit-and-forget technology	Heavy, takes four people to install and dismantle for repair
TCO Certified for sustainability	Yes	No

Find out more at:
www.epson.co.za/display-size-matters

A7448_Corporate_Projector_vs_flat_panel_Guide_1EN-ZA_02/19

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