LED DISPLAYS

All-in-one solutions for a quick and easy out-of-the-box installation

Optoma

LED
Full HD 1080p

bnNETZE
CASE STUDY

"Optoma was the clear choice for us. In addition to easy and quick installation, which was very important in this case, we were also very impressed with the quality."

Maik Kohlbecker | Owner of Konferenzraum TV

Solution shown | FHDQ130

FHDQ130 (QUAD) AND FHDS130 (SOLO)

Easy install
Thanks to Optoma's simple 3 step process, we have reduced installation time from days to hours giving you more time to focus on calibration and ensuring the customer gets to enjoy the unparalleled quality of our QUAD and SOLO displays.

These simple one box solutions cover all installation options to include a wall and ceiling mount for install flexibility.

Power saving
Optoma's QUAD and SOLO displays can be switched on/off just like a TV. Additionally, units consume next to no power when in standby (0.5W) saving you money over the lifetime of the product vs traditional LED displays. In addition to low power consumption, the QUAD and SOLO displays can simply be plugged directly into the mains avoiding the need for custom installation.

Easy to use
Optoma's all-in-one solutions allow you to achieve great results with any possible image source (up to 4K UHD). In addition to the QUAD and SOLO handheld remotes, switching between different inputs can also be managed externally by RS232 or by our renowned Connect Q app which is the smartest way to interact with our QUAD and SOLO displays using an Android or iPhone device.

Easy to move
The QUAD and SOLO displays provide a lightweight, smart solution that can easily be wheeled around an office with the optional motorized stand and will fit through most doorways.**

Delivered in a dedicated low footprint flight case, all hardware required for a quick install is included.

**Screen height is 79.2" - please ensure local compatibility.

Brings light to your meeting
Not every end user has control over their ambient light conditions. Our QUAD and SOLO dislays feature between 600 and 800 nits of brightness. This allows for uncompromised long lasting quality in the brightest of environments and also comfort in dimly lit meeting rooms.

Quick calibration, no cables, no mess
The QUAD and SOLO come pre-calibrated out-of-the-box, removing the hassle of managing cables, software and the various associated files, whilst ensuring outstanding image quality.

QUAD

Flexible viewing angle
When your audience is positioned off-angle, image quality on most LED displays can be compromised. With the Optoma QUAD range, there is no need to compromise on image quality. With a 170 degree viewing angle, audiences can be assured of striking images in the tightest of seating arrangements, providing all viewers with the high quality content they deserve.

170°

FHDQ163 (QUADZILLA)

In addition to the QUAD, the QUADZilla display comes with many additional benefits.

Wireless content sharing

Speed up meetings by seamlessly connecting devices with the Optoma TapCast Pro app.

The FHDQ163 enables wireless content sharing for up to 4 devices simultaneously at the tap of a button. Enable BYOD, connect with any Windows / Android / iOS and Chromebook device so you can focus on the content while the screen does the rest.

Scalability

If your business grows, FHDQ163 grows with it: you can upscale your screen size by simply connecting multiple FHDQ163 displays. The extra-slim bezel is easily removable allowing you to build an even larger image.

Any input, powerful output

A wide range of connectivity options including dual HDMI, USB, RS232 and HDBaseT, gives you the freedom to choose between collaborating on an Excel spreadsheet or aiming for a new high score on the latest games.

When more speed is needed, the OPS slot allows you to plug an optional Intel compatible device to ensure you are never short on processing power.

Control in your hands

Whether you want to use your LED display to run motivating corporate content, presentations or the latest movie release, the FHDQ163 has pre-set picture modes so you always get the best viewing experience. In addition to pre-set modes, users can also customize and save image settings for ultimate flexibility.

ALL-IN-ONE LED DISPLAY RANGE

To overcome high energy costs, Optoma developed the all-in-one (AIO) range, starting with the world's first AIO LED display - FHDQ130. The AIO range features low power consumption when powered on, and an eco-friendly <0.5W standby mode, saving energy and reducing costs. More in line with a consumer electronic installation, they are also powered by a single power cable for a simple plug-and-play setup.

An Optoma AIO LED display costs a lot less to operate, versus standard modular LED displays:

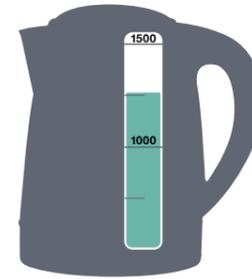|	Daily active usage (hours)	Days per week	Weekly hours on	Weekly hours in standby (Sby)	Weekly Sby consumption LED range KWh	Weekly Sby consumption traditional modular LED KWh	Amount of energy saved thanks to Optoma LED range KWh weekly
Meeting usage	4	5	20	148	0.074	148	147.926
Meeting and display usage	8	5	40	128	0.064	128	127.936
Display usage	16	7	112	56	0.028	56	55.972

The energy used here is the equivalent to:

- Boiling a kettle 1176 times
- Charging your phone constantly for 370 days (24 hours a day)
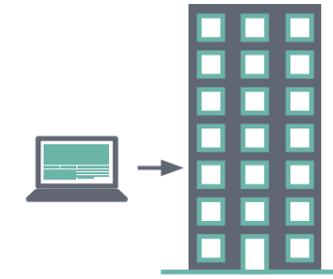- Operating 178 laptops during a standard workday

HOW DOES THIS TRANSLATE INTO WEEKLY SAVINGS?

What does 128kWh of electricity look like in the real world?
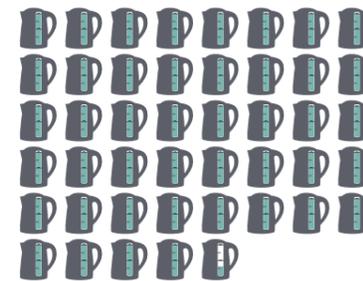
1279 kettles boiled
8953 cups of tea

948 laptops
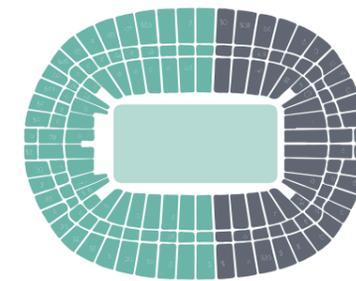Enough for each person working in a large office block building

79.5 lbs CO$_2$ Eq
Roughly the same as running an average saloon car for 4 days.
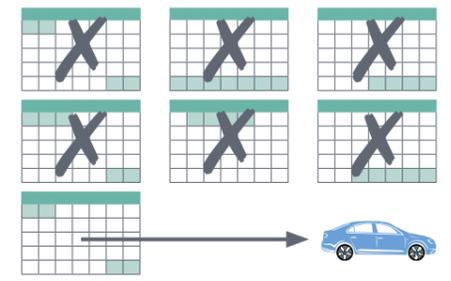
WHAT WILL THIS SAVE YOU EVERY YEAR?

What does 6652kWh of electricity look like?

66,527 kettles boiled
466,004 cups of tea

49,279 laptops
Enough for over half of the people sitting in Wembley Stadium.

4,151 lbs CO$_2$ Eq
The equivalent of running an average saloon car for over 7 months.

This would also equal 23,284 miles in an electric car. Almost enough to drive around the world.

E-CAMPUS
CASE STUDY

> *"For us, this is not only an image or a luxury we wanted to afford; this is a real tool. Several institutions, universities and teachers will come, so it is ideal for use with different sources: tablets, computers, or even with a USB key, for example. We needed a versatile, great quality screen because we will also work on international level, so sometimes there will be Visio conferences with audience interaction."*

Carl Lukalu | Director of the Eurometropolitan e-Campus

Solution shown | FHD20422

QUAD

Display	FHDQ130
Display resolution	FHD 1080P
Display size	130" (114.96" x 65.35")
Pixel pitch (H x V)	1.5 mm
Minimum viewing distance	4.9'
Contrast	5000:1
Panel depth (min/max)	38/71 mm
Standard panel weight	275.6 lbs
SMD structure	QUAD 4-in-1
Viewing angle	H/V 170˚
Brightness	600 nits
LED fixings	Front access
Operating temperature range	32°F - 104°F
Refresh rate	≥3000Hz
Lifespan	>100,000 hours
Mounting frame	Included
Included components	
Scaler-switcher	Built-in
Sender	Built-in

FHDQ163 (QUADZILLA)

Display	FHDQ163
Display resolution	FHD 1080P
Display size	163" (141.73" x 79.72")
Pixel pitch (H x V)	1.875 mm
Minimum viewing distance	6.25'
Contrast	5000:1
Panel depth (min/max)	35/79 mm
Standard panel weight	421.1 lbs
SMD structure	QUAD 4-in-1
Viewing angle	H/V 170˚
Brightness	600 nits
LED fixings	Front access
Operating temperature range	32°F - 104°F
Refresh rate	3840Hz
Lifespan	>100,000 hours
Mounting frame	Included
Included components	
Scaler-switcher	Built-in
Sender	Built-in

SOLO

Display	FHDS130
Display resolution	FHD 1080P
Display size	130" (114.96" x 65.35")
Pixel pitch (H x V)	1.5 mm
Minimum viewing distance	4.9'
Contrast	5000:1
Panel depth (min/max)	38/71 mm
Standard panel weight	275.6 lbs
SMD structure	SMD1010
Viewing angle	H/V 140˚
Brightness	800 nits
LED fixings	Front access
Operating temperature range	32°F - 104°F
Refresh rate	≥3000Hz
Lifespan	>100,000 hours
Mounting frame	Included
Included components	
Scaler-switcher	Built-in
Sender	Built-in

WARRANTY

Parts and labor limited warranty	2 Year

"We chose Optoma because Optoma has the best products but we didn't only choose Optoma for the products, we chose them because of their service and partnership with us. The building is 80% ready, just because we have the LED up and running. I saw it today and I thought 'WOW', I'm really excited to show our new redesigned headquarters to our guests and customers."

Pau-y Chow | Senior Product Manager in the Digital Innovations division at Schindler

Solution shown | FHD26528

optomausa.com