

# QUAD LED DISPLAY RANGE

Total cost of ownership



- Energy saving
- Lower energy bills
- Smaller carbon footprint

# LED DISPLAYS

When looking into purchasing an LED big screen display solution, it is important to take into account the total cost it takes to own and run such a product.

Traditional modular LED displays are power hungry devices with a 1080p 2.0mm pixel pitch screen using 1kw of power when in standby.\* This information is important when looking to specify an installation, ensuring end user budgets are managed correctly and the hidden cost of running charges are known upfront.

Optoma wants to help you make sense of what this really means, by putting the numbers into everyday running costs.



Company - Badenova | Installer - Konferenzraum TV

## OPTOMA QUAD LED RANGE

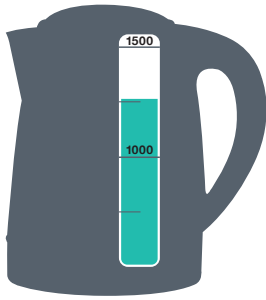
To overcome high energy costs, Optoma has developed the QUAD range, with the world's first all-in-one LED display - FHDQ130. The QUAD displays comply with European ErP requirements meeting 0.5w when in standby and are also powered by a single fixed power supply similar to a standard TV.

The running cost saving of an Optoma QUAD LED display compared to a traditional modular LED display are clear to see:

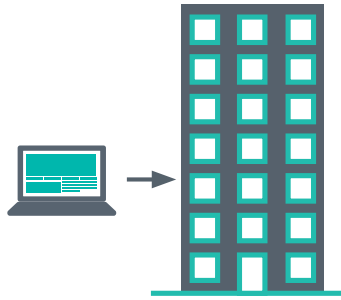
	Daily active usage (hours)	Days per week	Weekly hours on	Weekly hours in standby (Sby)	Weekly Sby consumption QUAD LED range KWh	Weekly Sby consumption traditional modular LED KWh	Amount of energy saved thanks to Optoma QUAD LED range KWh weekly
Meeting usage	4	5	20	148	0.074	148	147.926
Meeting and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

# HOW DOES THIS TRANSLATE INTO WEEKLY SAVINGS?

What does 128kWh of electricity look like in the real world?



**1,279 kettles boiled**  
8,953 cups of tea



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



**36kg CO<sub>2</sub> Eq**  
Roughly the same as running an average saloon car for 4 days.

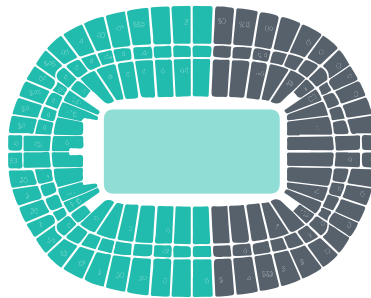
*Calculations are based on typical office usage. (8 hours usage a day, 5 days a week).*

# WHAT WILL THIS SAVE YOU EVERY YEAR?

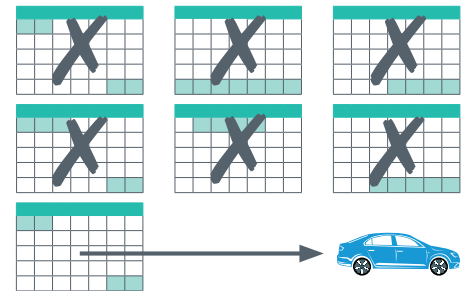
What does 6652kWh of electricity look like?



**66,527 kettles boiled**  
466,004 cups of tea



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



**1883kg CO<sub>2</sub> Eq**  
The equivalent of running an average saloon car for over 7 months.

*Calculations are based on typical office usage. (8 hours usage a day, 5 days a week).*

This would also equal 23284 miles in an electric car. Almost enough to drive around the world.



# CARBON FOOTPRINT

With the world becoming more and more conscious on the impact we all have on the planet, we're committed to delivering longer-lasting products with lower power consumption resulting in reduced CO2 emissions.

## Kilograms of CO2 used over 10 years in standby

Generic Product  
18841.1392kg

Optoma QUAD  
9.4205696kg



## GO GREENER

Save 868 trees  
when choosing an  
Optoma QUAD LED

*Savings based on a 10-year lifecycle at 8hrs/day usage.*

[optoma.com](http://optoma.com)

All of the information in this brochure is correct as of December 2020. The statistics in this document are based on average values and generic products. All comparisons made are taken as an average between other competitors display solutions and the Optoma QUAD FHDQ130. Copyright © 2020, Optoma and its logo is a registered trademark of Optoma Corporation. Optoma Europe Ltd is the licensee of the registered trademark. All other product names and company names used herein are for identification purposes only and may be trademarks or registered trademarks of their respective owners. Errors and omissions excepted, all specifications are subject to change without notice. All images are for representation purposes only and may be simulated. 4/12/20 V1