

The logo for VALO, featuring the word "VALO" in a bold, white, sans-serif font. The letters are closely spaced, and the 'V' and 'A' are particularly prominent. The logo is centered horizontally and positioned in the upper left quadrant of the page.

# VALO

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Corporate Profile  
2022

now you see

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# ACCELERATING FUTURE TECHNOLOGIES

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VALO is an Australian advanced technology company with its core in ultra high-powered LED lighting. VALO is committed to accelerating disruptive and sustainable technologies, supported by significant investment in automated electronic circuit board manufacturing using Surface Mount Technology.

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The company was founded in 2012 and has completed a range of lighting and visual display installs across the country. VALO is transitioning from importer to manufacturer and is planning to export its Australian designed and manufactured LED lighting product with the Zenith Gen-V, VALO's flagship stadium light.

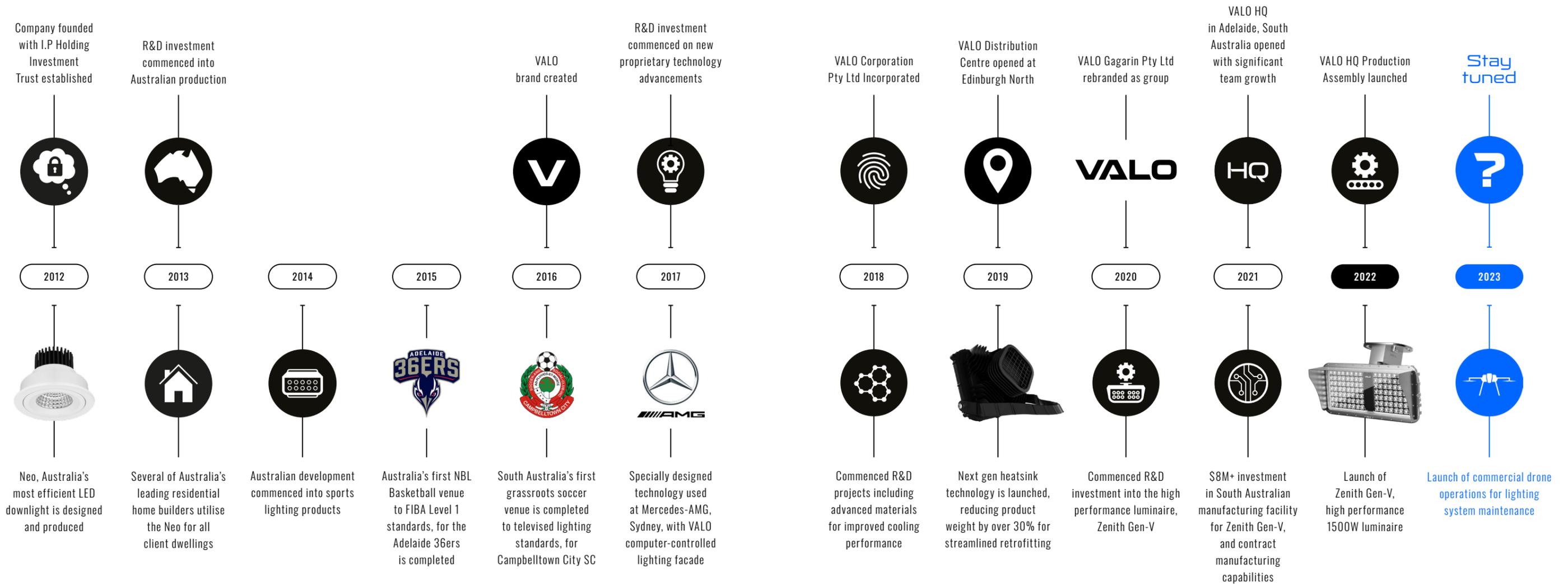
VALO exists to identify, create and implement visionary technologies that can sustainably enhance human experience and capabilities.



VALO's vision is to accelerate high-tech manufacturing in Australia.

VALO's mission is to capture the imagination of like-minded people and deliver Australian made product to the world.

# VALO TIMELINE

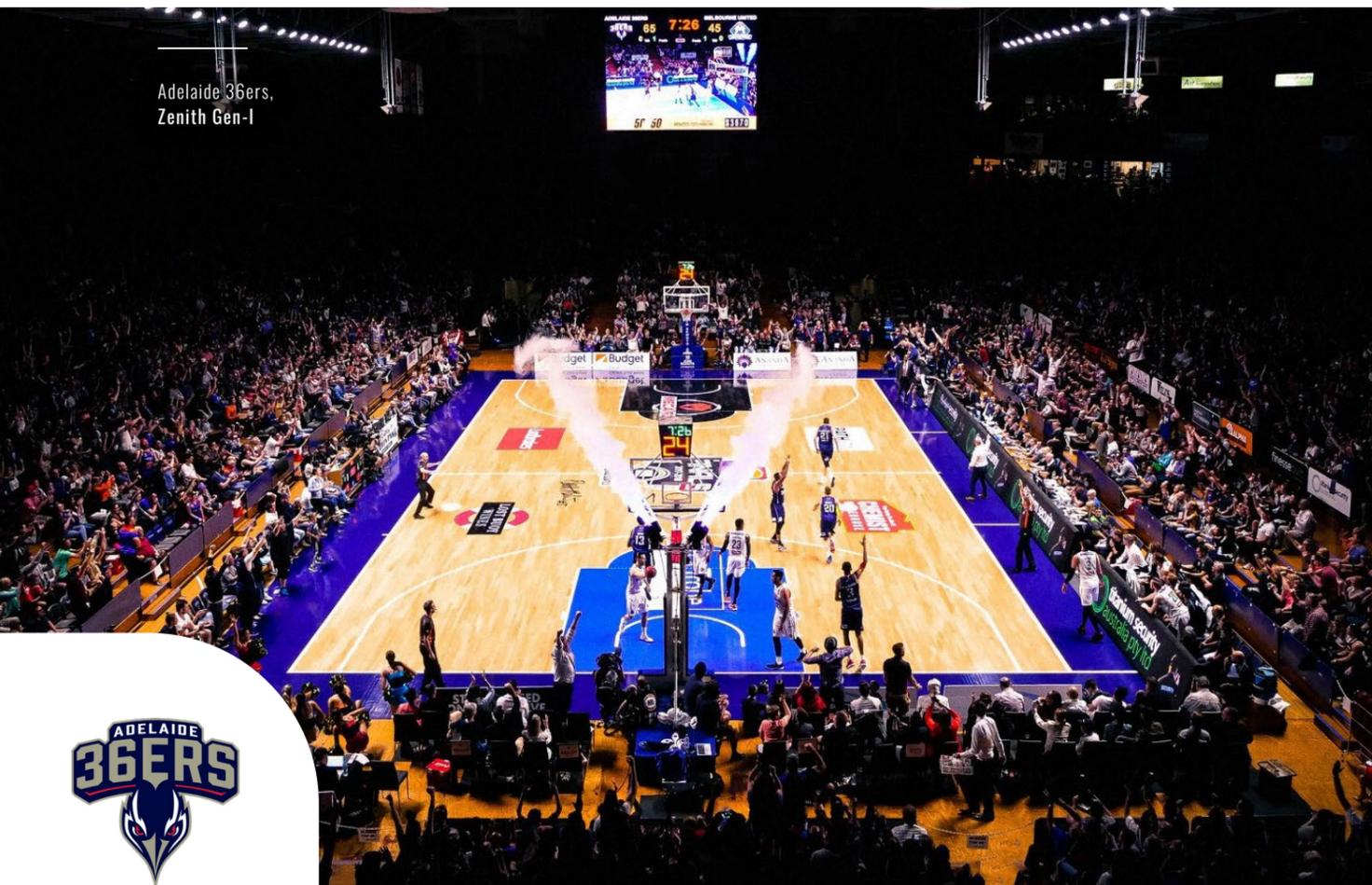


# TECHNOLOGY TIMELINE

# ADELAIDE 36ERS ARENA

Project showcase

Completed in 2015 by VALO as the first National Basketball League (NBL) arena to achieve the International Basketball Association (FIBA) level one lighting standards in Australia. Adelaide 36ers Arena (formally Titanium Security Arena) was home to the Adelaide 36ers for several NBL season fixtures, televised on Foxtel and noted as the best appearance court on screen due to the quality of VALO's Zenith Gen-I luminaires and uniformity distribution.



Adelaide 36ers,  
Zenith Gen-I



# STEVE WOODCOCK SPORTS CENTRE

Project showcase

VALO secured numerous football pitch lighting projects with Football South Australia (FSA) including the \$1.5m upgrade of the Steve Woodcock Sports Centre for Campbelltown City Soccer Club. Featuring the latest in VALO LED technology at the time, the upgrade provided broadcast quality lighting performance and helped the club attract players and continued to grow its male and female junior and senior players.



Campbelltown City SC,  
Zenith Gen-II



# VALO CLIENTS

[View more](#)



Norwood Football Club  
Norwood Oval  
South Australia



Mercedes-AMG Sydney  
Mascot  
New South Wales



Campbelltown City SC  
Steve Woodcock Sports Centre  
South Australia



Adelaide City FC  
Oakden and Park 19  
South Australia



Adelaide 36ers  
Adelaide 36ers Arena  
South Australia



West Torrens Birkalla SC  
Jack Smith Park  
South Australia



North Shore BMW  
Mosman  
New South Wales



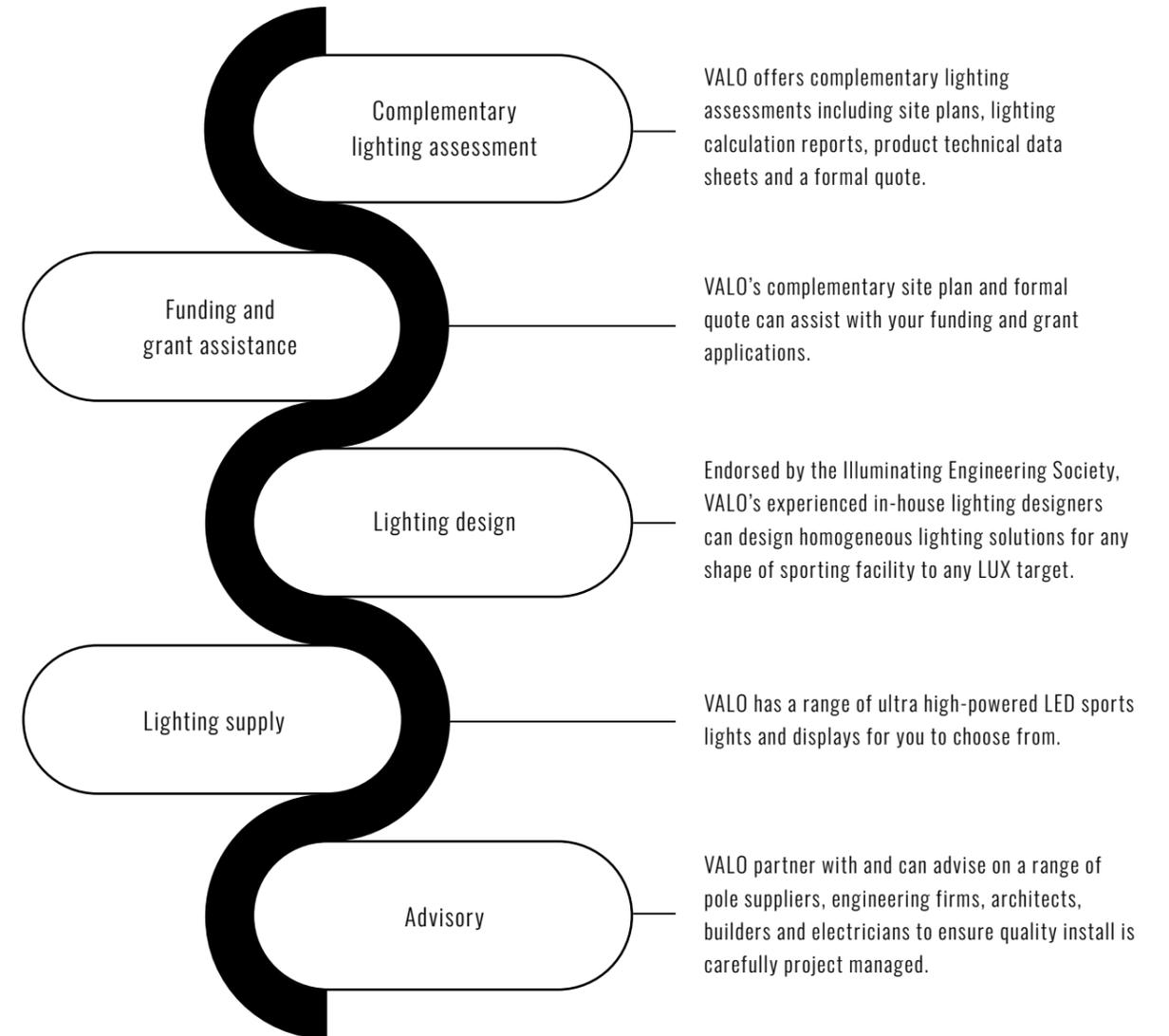
Adelaide Croatia Raiders SC  
Croatian Sports Complex  
South Australia



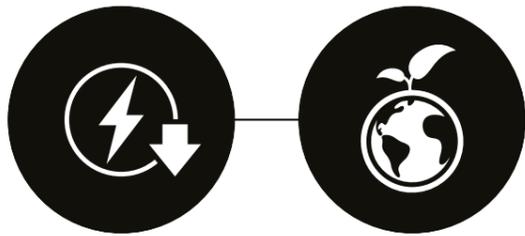
Hahndorf SC  
Hahndorf Sport & Recreation Ground  
South Australia

# VALO SERVICES

Offering individual services or a full turn-key solution, VALO can assist you through your lighting project.



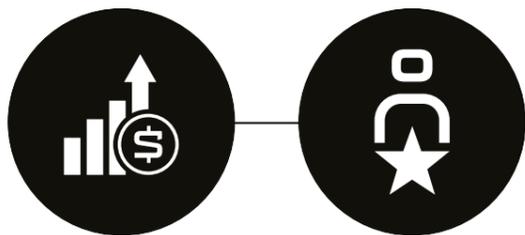
# BENEFITS OF THE VALO SOLUTION



Decrease energy costs

Positive financial and sustainable future

Made from recyclable materials, LEDs use up to 80% less energy, emit 90% less CO2 emissions and last 25 times longer than any other lighting – reducing energy costs, increasing efficiency, and reducing landfill, thus contributing to a financially and environmentally sustainable future (source: australia.gov.au).



Grow revenue

Improve customer experience

Grow revenue through commercialisation of your assets, improving customer experience while decreasing costs by using less energy and reducing the need of the replacement lights.



Adopt smart technology

VALO offers a simple software solution to control your energy consumption, turn the lights down for training or increase the performance on game day, creating a better show for crowds and reducing your overall costs.



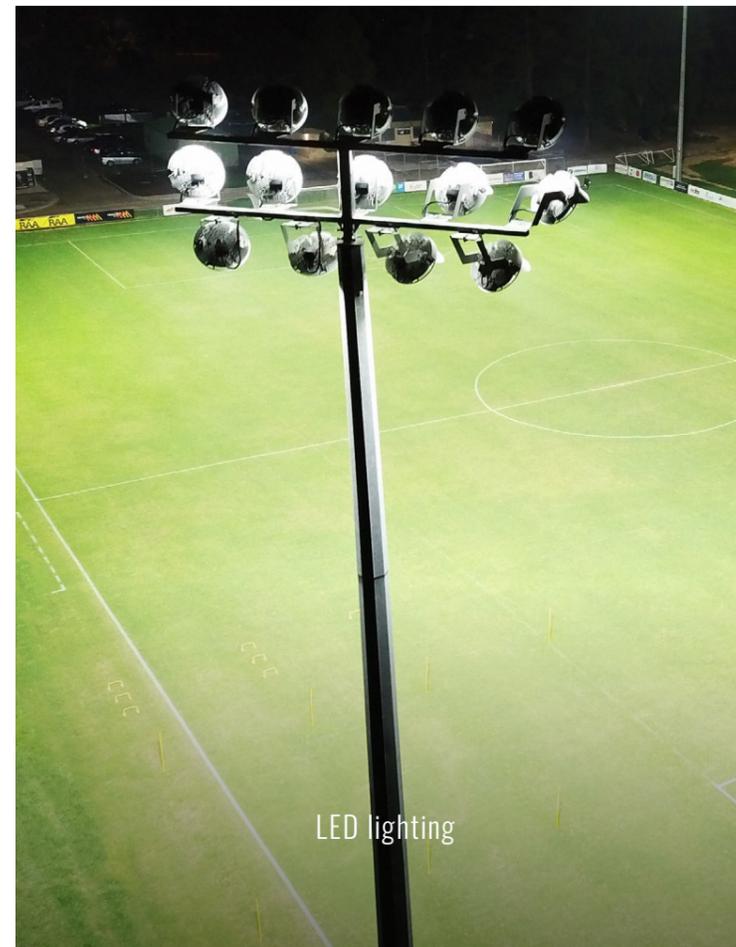
VALO warranty

VALO's 10-year lighting warranty for the Zenith Gen-V and five-year warranty for screens exceeds industry standards without compromising on cost.

# VALO PRODUCTS

VALO LED lighting products offer ultra-high-powered lighting efficiency as well as boasting some of the lowest-in-class weights and more than 100,000 hours of lifespan. Additionally, its superior LED visual display screens can be supplied in a range of pixel densities, in modular form to meet varied specifications and offer functionality for dynamic brand storytelling.

VALO's flagship stadium light, the Zenith Gen-V will be the first product manufactured in Australia with other products to follow. Accelerating high-tech manufacturing in Australia creates considerable local jobs while saving clients substantial lead time and delivery costs thanks to VALO's geographical proximity.



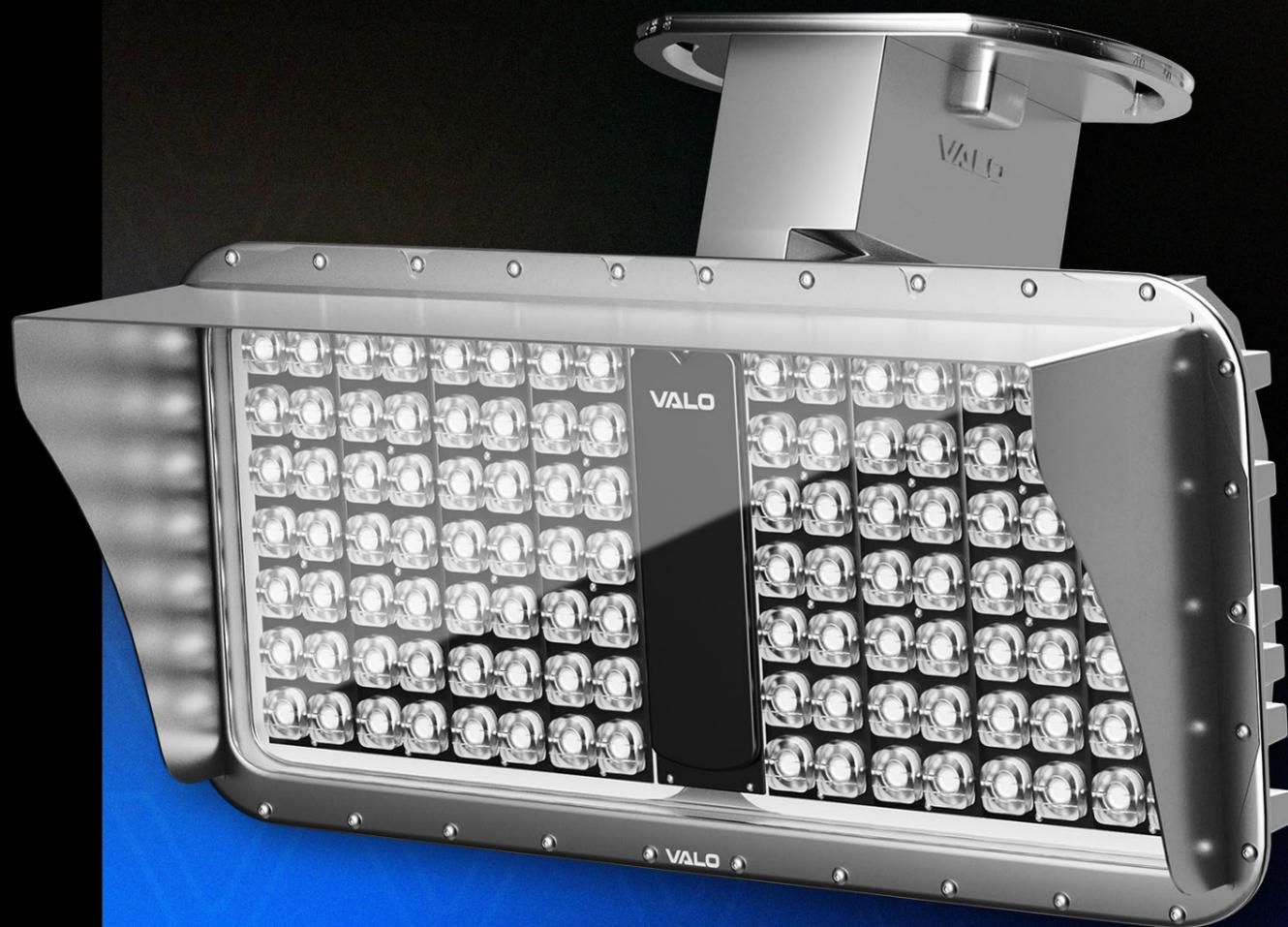
LED lighting



LED visual displays

# ZENITH GEN-V 1500W LED STADIUM LIGHT

Australian designed and manufactured with one of the lowest-in-class weights of 24kg. The Zenith Gen-V offers ultra-high efficiency with over 130 lumens per watt, taking sports lighting performance to the next level.



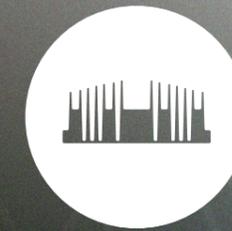
## MECHANICAL



Australian designed  
& manufactured  
Adelaide, South Australia



Light weight  
24kg



Heatsink  
Keeps the luminaire as cool  
as possible



IP66 rating  
Fully dust and waterproof

## PERFORMANCE



More power,  
less fittings  
Ultra efficient



Over 70k  
lifetime hours  
In extreme conditions



A decade guarantee  
No compromise on cost

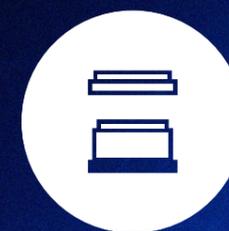


Made for  
extreme conditions  
Automatic overload protection

## AESTHETIC



Dimensions  
Minimal size,  
maximum power



No discolouring  
Tempered glass lens



Housing material  
Best balance of strength, heat  
transfer and light weight

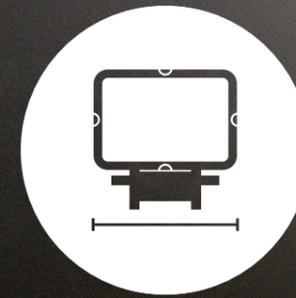


Bird proof and  
bird safe  
No external cabling

# PARALLAX LED SPORTS LIGHT

Contact for full Parallax range

Parallax is optimised for, but not limited to court lighting such as tennis, netball and lawn bowls. Parallax delivers a lifetime of over 60,000 hours in extreme conditions and is available in various wattages.



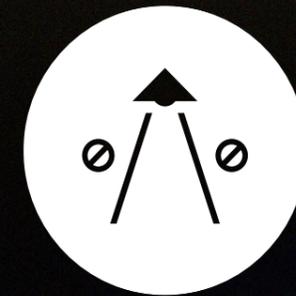
**Dimensions**  
Reduces sail area and installation labour



**Light weight**  
Improves windage and minimises infrastructure



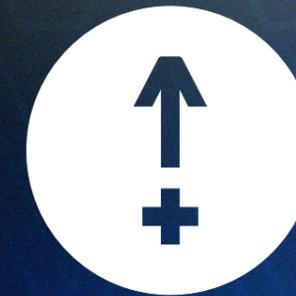
**Power**  
Available in various wattages



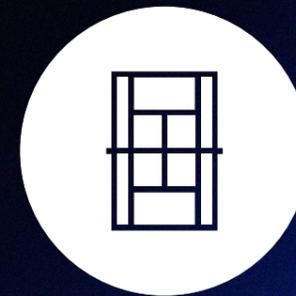
**Minimal spillage**  
Lighting control has never been more direct



**60k lifetime hours**  
In extreme conditions



**High efficiency**  
140 lumens per watt



**Optimised for court sports**  
Taking court lighting performance to the next level



**IP66 rating**  
Fully dust and waterproof



**Housing material**  
Best balance of strength, heat transfer and light weight

# HORIZON LED VISUAL DISPLAYS

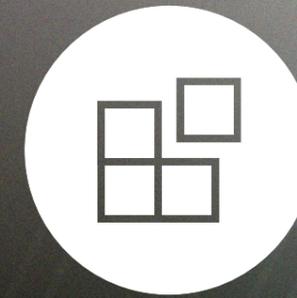
Contact for full Horizon range

Delivering seamless visual performance through outstanding pixel pitches and densities, the Horizon LED visual display range offers energy efficient, uninterrupted viewing. Most suitable for perimeter sports signage, scoreboards and advertising.



### Viewing

Outstanding pixel density and allows over 4.4 trillion colours



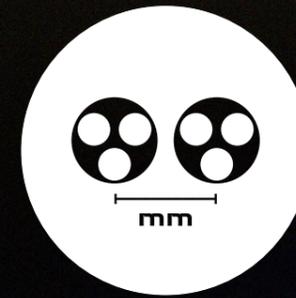
### Modular design

Change the shape and dimensions of your screens



### Light weight

Enables retrofit applications and easy install for one person



### Various pixel pitches

Choose the right pixel pitch for your viewing distance



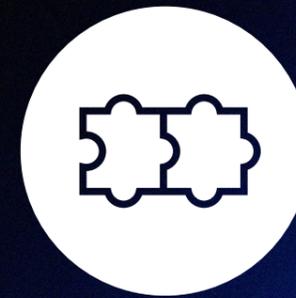
### Maintenance

Ease of access for maintenance, front or rear



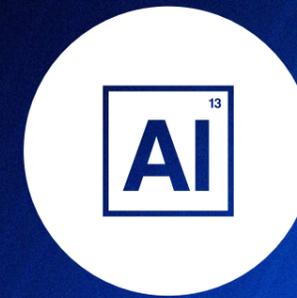
### Outstanding durability

Impact resistant and great for sport



### Seamless

No gap between modules



### Profile material

Best balance of strength, heat transfer and light weight



### Over 100k lifetime hours

In extreme conditions

# RESEARCH & DEVELOPMENT

Over \$8m has been invested in R&D, plant and equipment in the past few years. This includes investment in a Surface Mount Technology (SMT) automated assembly system to manufacture Printed Circuit Board Assemblies (PCBAs) on site at VALO's new state-of-the-art, carbon neutral facility in Adelaide, South Australia.

The facility also houses the assembly of VALO's high-performance lighting products. Utilising a scalable, modular assembly system for production, with a focus on product quality, every lighting product manufactured is 100% inspected and then stress-tested in a custom designed test facility before being ready to despatch.

# PhD PROGRAM

VALO is committed to working with like-minded partners, manufacturers, research institutions and universities. It has the agility to design, test, validate and present high value solutions to clients. Running university PhD programs, VALO is exploring world leading research in mass-scale production technologies.

Premika Govindaraj, candidate of VALO's inaugural PhD program has since joined the company as Research Scientist. The program was supported by the Australian Federal Government's Innovative Manufacturing Cooperative Research Centre (IMCRC) and the National Research Internships Program. Coming from Swinburne University of Technology, Premika explored leveraging recent advancements in nanomaterials to improve heat transfer and dissipation. The development and use of these new technologies is expected to result in improved energy efficiency, increased lighting performance, reduced product weight and an overall increase in the useful life of VALO's LED luminaire product range.

As VALO further identify and develop products, significant investment in R&D continues to grow and will advance the PhD program to tap into these areas. The program gives each candidate real life industry experience and links VALO with universities to resource, and offer opportunities to the talent pool of Australia's future scientists.

# VALO DESIGN & MANUFACTURING

VALO's lighting products are Australian designed and manufactured to withstand the harshest environmental conditions, delivering consistent performance over a sustained period. Passionate about bringing manufacturing back to South Australia, CEO & Founder Aaron Hickmann is transitioning VALO from importer to exporter, delivering Australian made products to the world. VALO's flagship stadium light, the Zenith Gen-V will be the first product made in Australia with other products to follow.

Accelerating high-tech manufacturing in Australia creates considerable local jobs while saving clients substantial lead time and delivery costs thanks to VALO's geographical proximity.

With Australia having some of the world's strictest labour, safety and quality control standards, VALO's product quality is unparalleled. With a deep commitment to culture, employees enjoy superior work conditions.



“ Local manufacturing is vitally important to develop products fast and effectively, and in terms of exporting to help drive Australia's economy. ”

> GRANT TINNEY  
CEO, Stärke Advanced Manufacturing Group

# VALO TEAM

VALO has a dynamic group of executives, engineers, researchers, lighting designers, sales, communication, and administrative team members.

[View more](#)



**Aaron Hickmann**  
Chief Executive Officer & Founder



**Penelope Bettison**  
Chief Operating Officer



**Sam Vial**  
Chief Commercial Officer



**Steve Olech**  
General Manager - Sport Sector



**Josh Dolan**  
Business Development Manager



**Michael LeVene**  
Product Development Executive



**Rupak Baniya, PhD**  
Senior Lighting Designer



**Graham Dawson**  
Lighting Designer & Sales Support

# VALO PARTNERS

[View more](#)



**Hawthorn Football Club**  
Official Lighting and LED Signage Partner



**Adelaide United FC**  
A-League Men Platinum Partner



**Adelaide Football Club**  
AFL Official Partner



**Football South Australia**  
Official LED Lighting Partner



**Baseball Australia**  
Official LED Lighting Partner



**Illuminate Adelaide**  
Illuminate Partner



**Sport NSW**  
Official LED Lighting Partner



**Sport SA**  
Official LED Lighting Partner



**Vicsport**  
Official LED Lighting Partner

# VALO

now you see



**VALO HQ**

47 King William Street  
Kent Town SA 5067  
Australia

valo.com.au  
1300 153 338  
hello@valo.com.au

