



INTRODUCING
PREMIUM LIGHT POLES
Powering the Future of Illumination



About **A1 Fence Oman**

A1 Fence Oman, part of the trusted A1 Security Group, brings over 25 years of expertise in providing Comprehensive Perimeter Security Solutions. Known for our commitment to excellence, we are pioneers in delivering integrated security systems that go beyond traditional fencing.

Where basic chain link and weldmesh once served, we now provide intelligent, impact-tested, and intrusion-resistant solutions for a wide range of critical infrastructures. From Perimeter Fencing, Access Control Gates, Crash-Rated Barriers to Ballistic Protection, Guardrails, Gabions and Intrusion Detection Systems, every solution we engineer is built with a single goal in mind:

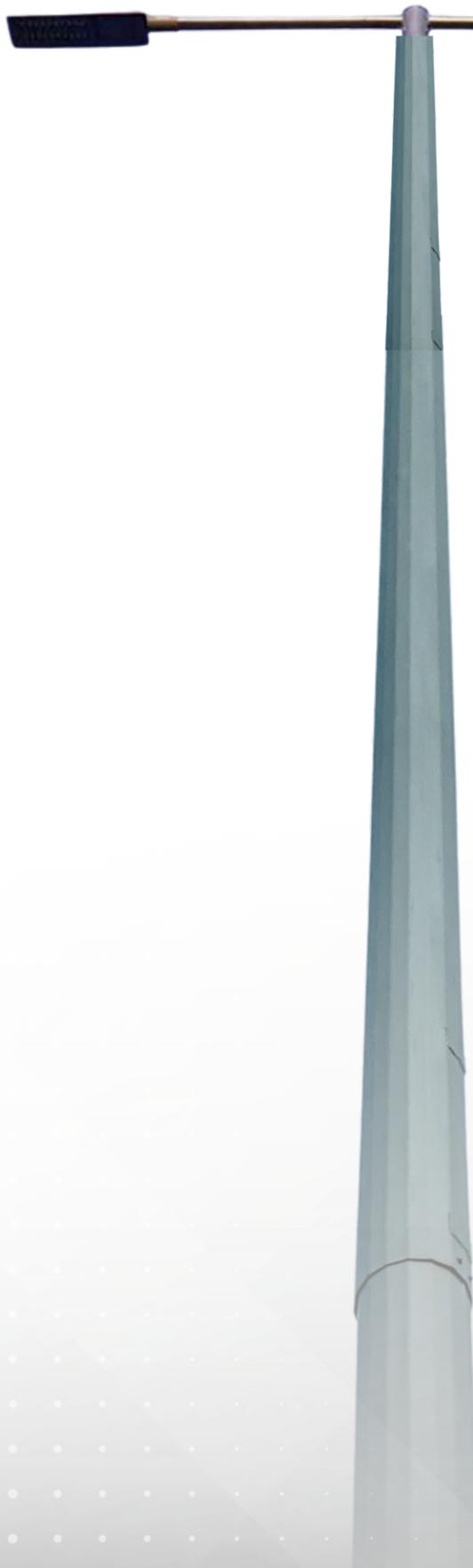
To offer peace of mind through protection that performs.

With an in-house R&D division, a team of expert engineers, and a dedicated design cell, we create customized solutions tailored to the specific needs of each project, ensuring that every installation is a perfect fit for its environment and security requirements. And now, we're proud to introduce our **Light Poles** range — a new offering designed to provide

sustainable, energy-efficient, and reliable lighting solutions for urban, commercial, and industrial applications. As with all our products, these poles are engineered with the same focus on performance, durability, and safety, ensuring they meet the lighting needs of tomorrow's cities while complementing our complete perimeter security systems.

At **A1 Fence Oman**, we don't just secure perimeters — we protect what matters most.

Introducing Our Premium Light Poles



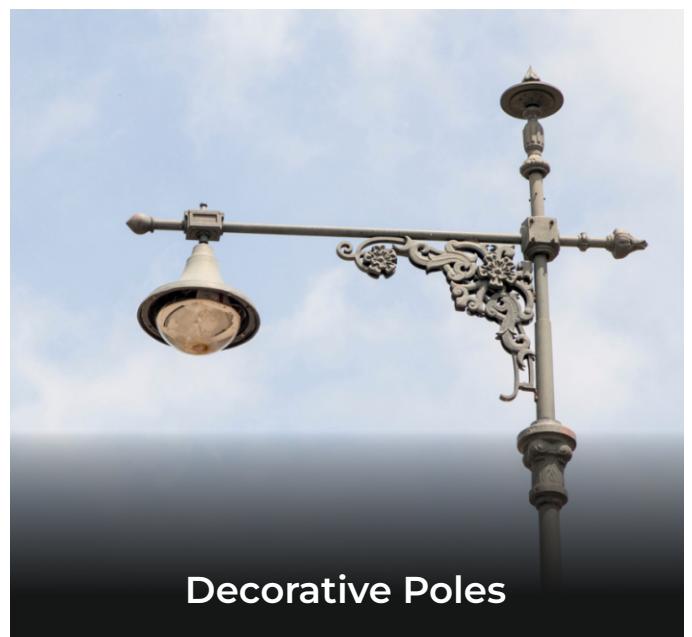
Light poles are essential for urban development and outdoor infrastructure. They not only provide necessary illumination for roads and streets but also contribute to safety and aesthetic enhancement in public and private spaces. At A1 Fence Oman, our light poles are crafted with cutting-edge technology and the finest materials, including a robust galvanization process that ensures maximum durability and resistance to corrosion. This process guarantees that our poles can withstand even the harshest environments, ensuring long-term performance with minimal maintenance. Designed to meet various needs, our poles are a perfect fit for streets, highways, parks, parking lots, and private estates. Whether you're designing a residential area, a city boulevard, or an industrial zone, our poles provide the ideal solution for all your lighting needs. With the added benefit of galvanization, they offer enhanced longevity, making them a reliable choice for projects requiring high-performance lighting solutions.

Our light poles are available in multiple styles and configurations, offering flexibility, cost-effectiveness, and environmental sustainability.



Types Of Light Poles

At **A1 Fence Oman**, we offer a wide variety of light poles tailored to meet the needs of any project. Our range includes:



STREET LIGHTING POLES

These poles are designed to light the way for local streets, highways, parking lots, and public spaces. They are available in multiple shapes, including octagonal, conical, polygonal, and square types, providing versatile options for urban and rural lighting needs.

Available up to 14 meters in height per segment

High durability and corrosion resistance

Customizable design for any required length

Ideal for urban streets, highways and large public spaces



TRAFFIC SIGNAL POLES

These poles are specifically designed to support traffic signals, providing clear and reliable signaling for drivers. They meet all relevant authority standards and regulations, ensuring the safety of road users.

Low-maintenance galvanized design

Can be used for traffic signs and signal boards

Available in custom heights and finishes

Meets regulatory requirements for road infrastructure



SMART POLES

A Smart Pole is an integrated urban infrastructure solution that combines multiple technologies into a single compact unit to make cities safer, smarter, and more connected. It supports smart lighting, traffic management, surveillance, communication, and environmental monitoring, all powered sustainably with solar energy. Designed for smart cities, industrial campuses, highways, and public spaces, Smart Poles reduce clutter by replacing multiple standalone installations with one unified system.

Smart Poles are powered by solar panels with a network rack, UPS and battery backup, ensuring continuous operation even during outages.

The integrated IoT gateway and Wi-Fi access point provide seamless connectivity for smart city applications.

Equipped with PTZ cameras for constant monitoring and public announcement system that allows quick communication.

Combining energy-efficient street lighting, smart traffic signals, and a dynamic LED display panel, Smart Poles improve road safety.

Advanced weather sensors measure parameters like temperature, humidity, wind, and air quality, helping city authorities manage environmental data and respond proactively.



HIGH MAST POLES

High mast poles are designed to illuminate large areas, such as stadiums, parking lots, and public arenas. These towering poles are capable of supporting numerous floodlights, making them the perfect solution for night events and large-scale outdoor areas.

Can support multiple floodlights for extensive area coverage

Available with raising and lowering mechanisms for easy maintenance

Built for durability in high-wind and harsh conditions

Ideal for sporting events, concerts and public safety lighting



DECORATIVE POLES

Decorative poles combine functionality with style. These poles are designed to enhance the visual appeal of streets, gardens, and luxury residential areas while still providing the required lighting performance.

Made from durable materials like aluminum, stainless steel and cast iron

UV-resistant coating for long-lasting color and protection

Available in a range of traditional and modern designs

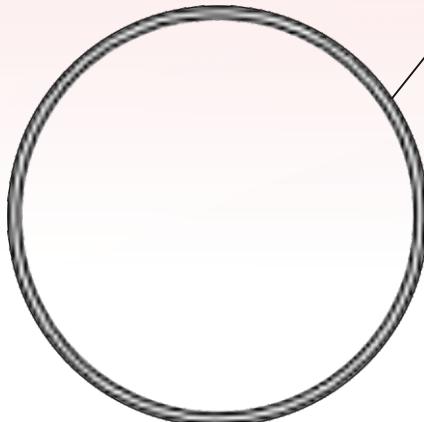
Perfect for urban planners and architects seeking stylish solutions

POLYGONAL POLES

Multi-faceted design for enhanced strength and rigidity.

Ideal for urban streets, highways, and commercial areas.

Provides a modern and sleek aesthetic to complement city landscapes.



TUBULAR POLES

Smooth, cylindrical design that ensures uniform stress distribution.

Suited for parks, residential areas, and aesthetic installations.

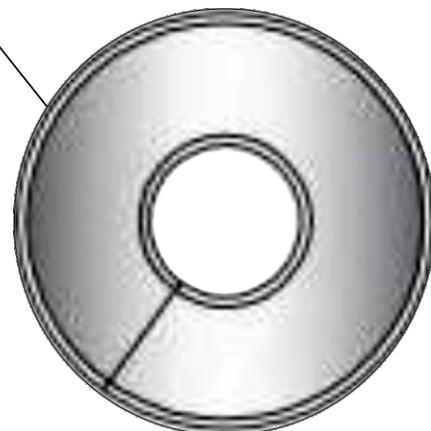
Reduces wind resistance while maintaining structural stability.

CONICAL POLES

Tapered design for optimized load-bearing capacity.

Perfect for highways, stadiums, and high-mast lighting applications.

Combines elegance with functional efficiency for a striking visual impact.



Each pole is hot-dip galvanized to provide superior corrosion resistance, ensuring longevity and low maintenance, even in harsh environments.

CROSS SECTION OF POLES

At A1 Fence Oman, we offer a variety of pole cross-sections to meet diverse structural and aesthetic requirements. Each design is engineered for maximum strength, durability, and ease of installation, while supporting various lighting and accessory configurations.



STANDARD SINGLE ARM



STANDARD DOUBLE ARM



BENDED SINGLE ARM



BENDED DOUBLE ARM



DECORATIVE SINGLE ARM



DECORATIVE DOUBLE ARM

ARM TYPES

At A1 Fence Oman, we offer a variety of pole cross-sections to meet diverse structural and aesthetic requirements. Each design is engineered for maximum strength, durability, and ease of installation, while supporting various lighting and accessory configurations.

GALVANIZATION

ENSURING STRENGTH AND LONGEVITY

At A1 Fence Oman, durability is at the heart of every light pole we manufacture. Our poles undergo hot-dip galvanization, a process that provides a robust protective coating of zinc over the steel surface, ensuring long-lasting performance even in harsh environments.

Why Galvanization Matters:

- **Superior Corrosion Resistance**

Protects poles from rust, moisture and environmental wear.

- **Extended Lifespan**

Significantly increases service life, reducing maintenance costs and replacements.

- **Weather Resilience**

Ideal for the harsh climates of Oman, including coastal and desert areas.

- **Low Maintenance**

Galvanized poles retain their strength and finish without frequent upkeep.

- **Sustainable Choice**

Reduces waste and resource consumption over the product's lifecycle.

By combining advanced engineering with high-quality materials, our galvanized light poles not only perform reliably but also maintain a sleek and professional appearance for years to come.



ADVANCED COATINGS FOR DURABILITY AND AESTHETICS

At A1 Fence Oman, we go beyond strength—our light poles are engineered to last and look exceptional. Protective coatings, including Thermoplastic Coating (TPC), ensure long-term performance in harsh environments.

Key Benefits:

- **Corrosion Protection**

TPC adds an extra layer over galvanization to resist rust and extend lifespan.

- **Weather Resistance**

Withstands sun, rain, and desert conditions without fading or cracking.

- **Durability**

Scratch and impact-resistant, reducing maintenance needs.

- **Custom Colors & Finishes**

Available in a range of colors to enhance urban design and architecture.

- **Sustainable**

Non-toxic and environmentally friendly, reducing repainting or replacement.



A1 Fence Oman's light poles, with advanced coatings like TPC, combine strength, resilience and visual appeal, making them ideal for streets, highways, parks, residential areas and industrial zones.

Offerings from our Comprehensive Perimeter Security Solutions Portfolio

Perimeter Security Solutions

- A1 Akat
- A1 Alcazar AVR (Rope Barrier)
- Chainlink Fence
- Anti-Drone Fence

Other Offerings

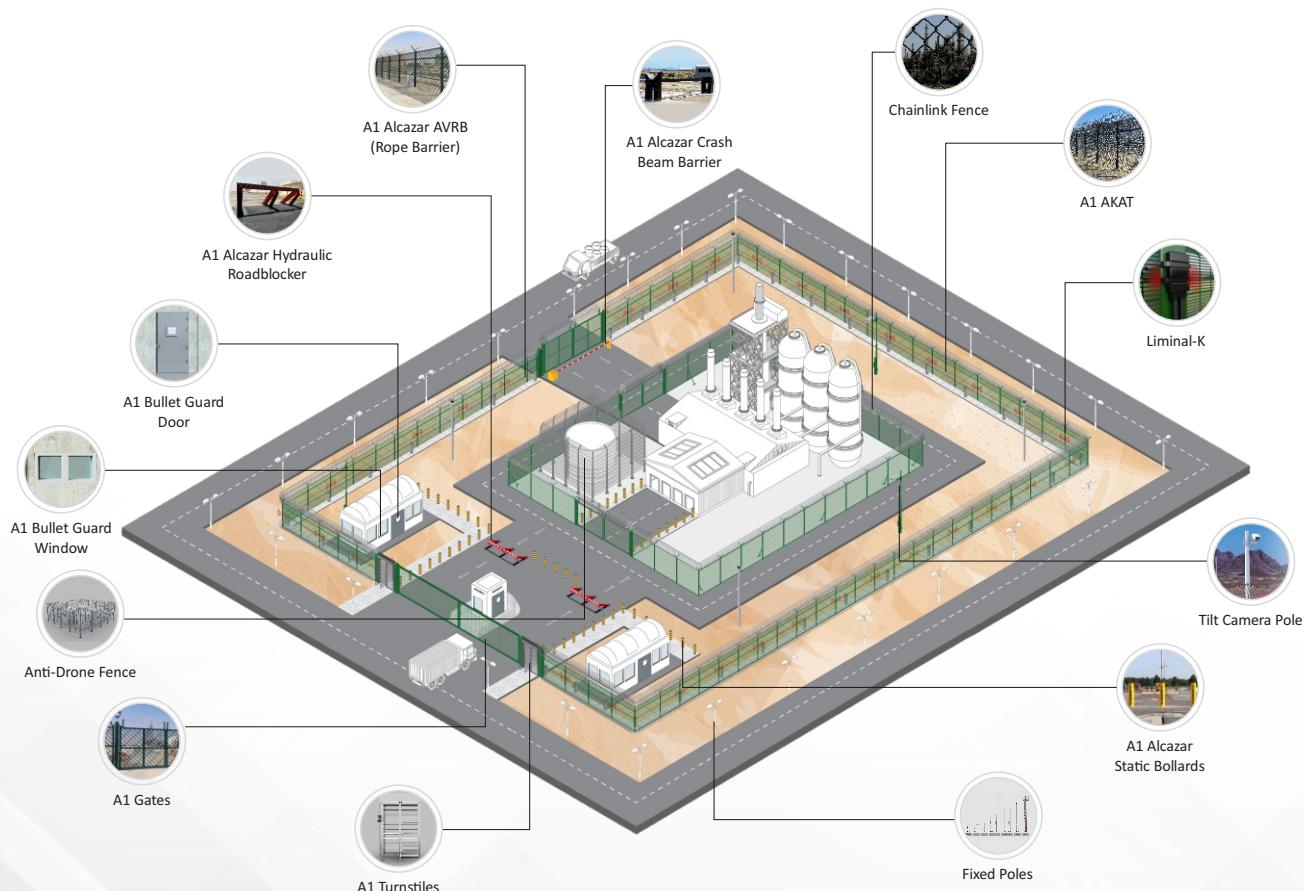
- Gabions
- Guardrails

Entrance Control Solutions

- A1 Alcazar Hydraulic Roadblocker
- A1 Alcazar Static Bollards
- A1 Alcazar Crash Beam Barrier
- A1 Gates
- A1 Turnstiles
- A1 Bullet Guard Door & Window

Perimeter Intrusion Detection System (PIDS)

- Liminal-K
- Liminal-F
- Fixed Poles
- Tilt Camera Pole



WHY CHOOSE US?



Oman Made Products



Compliant with International Standards



Comprehensive Security Solutions



End-to-End Solutioning

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A-1 FENCE OMAN
PROTECTING ASSETS, BORDERS AND PEOPLE

A1 Fence Oman is a leading provider of innovative perimeter security solutions with over two decades of experience in the high security domain, making it a trusted provider of certified security solutions in Oman. With our commitment to innovation and customer satisfaction, A1 Fence Oman is the best choice for your perimeter security needs.

