



LEADING THE WAY
WITH LED

ALTSA leads with LED

Cutting-edge LED lighting and electrical solutions for Africa.

- ALTSA is a leading commercial and industrial LED Lighting Solutions provider in Africa, as well as the largest lighting replacement company in Africa.
- ALTSA operates in eight countries on the African continent: South Africa (Head office), Nigeria, Tanzania, Democratic Republic of Congo, Uganda, Kenya and Mozambique, Botswana and Ghana (agency).
- Since 2011, ALTSA has grown significantly throughout Africa within its own network as well as through agency networks.
- ALTSA currently employs 150+ people internationally.
- ALTSA distributes its own premium range of LED lamps and luminaires, assembled in South Africa, to regional offices both nationally and internationally.

We transform the way energy is consumed by providing sustainable, environmentally friendly lighting solutions to benefit people, improve communities and impact positively on society as a whole.

We aim to be the leading supplier of ground-breaking LED lighting solutions, cutting-edge technology.

CUSTOMER ORIENTATED

We staff are dedicated to go the extra mile in building long-term relationships while helping customers feel good in their environments, with compliant lighting solutions and profitable return on investment (ROI).

We partner with our customers on their journey to sustainable energy.

OUR VALUES

INTEGRITY:

We are honest, fair and demonstrate respect to our customers and colleagues.

ACCOUNTABILITY:

We follow through with what we say and hold ourselves to the highest standards.

HARD WORK:

We deliver outstanding results through our culture of exceptional service.

TEAM WORK:

We support one another to deliver results for our customers and our company.

INNOVATION:

We seek creative and innovative ways to solve our customers' challenges.





BBBEE Rating

We are a proudly South African, certified Level 1 Broad Base Black Economic Empowerment Contributor. We are committed to accelerating black economic empowerment by actively creating employment opportunities through the local assembly of all our products:

CERTIFIED LEVEL 1

COMMUNITY DEVELOPMENT

EMPOWERING PEOPLE

ALTA 5-Year Guarantee

We take immense pride in our ISO9001 national and internationally certified product range. We offer our customers a 5-year guarantee with an option to extend to 10 years.

Compliance

ALTA ensures compliant lux levels over the full warranty period.

Product Range

ALTA offers Indoor, and outdoor lighting solutions that are ideally suitable for commercial and industrial sites - especially areas that require robust, hard-wearing and explosion-proof luminaires.

mpower ratings
Ensuring Change through Empowerment
QSE DTT Sector Code **B-BBEE** Verification Certificate
Certificate No: 20191

Alternative Lighting and Technical Solutions for Africa (Pty) Ltd
Registration Number: 2011/004211/PT
Address: 87 Mowbray Road, Greenfield, Johannesburg, 2193

LEVEL ONE CONTRIBUTOR			
Category	Score	Weighted Score	Target Score
Ownership	10.00	10.00	10.00
Management Control	10.00	10.00	10.00
Skills Development	10.00	10.00	10.00
Enterprise and Supplier Development	10.00	10.00	10.00
Socio-Economic Development	10.00	10.00	10.00
Total Score	100.00	100.00	100.00
Procurement Registration Level	100.00%		100.00%
Procurement Principles Applied	Yes		100.00%
Employment Supplier	Yes		100.00%
Financial Year End	28 February 2020		28 February 2020
Year Number	478020000		478020000
Issue Date	10 May 2020		10 May 2020
Expiry Date	N/A		N/A
Expiry Date	10 May 2024		10 May 2024

Technical Signatory: **Isabel Phisoane**
Certificate Number: **AL1007900/05/2020**

The information on this certificate and in the verification report represent an independent opinion based on verification procedures and models created for the purposes of the certificate and is not intended to be used for any other purpose. The Department of Trade and Industry's Code of Good Practice for Broad Based Black Economic Empowerment is applicable.

mpower ratings
The Link, 175 Oxford Road, Sandown, Johannesburg, 2196
Tel: +27 (0) 11 800 0000 Fax: +27 (0) 11 800 0015
www.mpowerratings.co.za

sanas
SANS 10001
SANS 10002

ALTA takes pride in distributing a locally assembled range of 190+ lamps and luminaires:

- Long life - up to 100,000 hrs.
- High efficiency - up to 200lm/W.
- Compact, High-quality Profile Designs.
- Wide Operating Temperature Range -50° C to +55° C and up to 80° C on thermal resilient models.
- Easy Installation and low maintenance.
- Manufactured to withstand high, consistent volumes of dust and moist offering IP ratings of up to IP68.
- High electrical and mechanical specifications.
- All products carry a range of SANS and IEC certifications.
- Our EX range carries IECEx certification.
- All products have battery backup and sensor options.

Lighting the way to your commercial success

AL TSA offers cutting-edge LED lighting solutions that can be tailored to suit your project needs, and meet compliance and regulatory considerations across a wide range of commercial sectors.

We understand the key issues and drivers for your industry sector, as well as the services, standards and solutions to address those challenges.

Benefit your bottom line

AL TSA LED lighting solutions offer:

High energy efficiencies: this is achieved through LED chipsets converting 90% of the energy consumed into light.

Longer Lifespan: luminaires last up to a minimum of 50,000 hours and come with a standard 5-year guarantee.

Low/Zero Maintenance: AL TSA luminaires are stress, vibration and temperature resistant making them ideal in hard working environments.

Increased light quality: improved colour rendering and a more natural looking light makes our luminaires ideal for industrial and commercial workplaces.



What makes ALTSA a preferred supplier

1. Product Guarantee

ALTSA's indoor, outdoor range and speciality product ranges are manufactured from the highest quality components, locally assembled.

5 Year Guarantee

- Our 5 Year guarantee comes standard on light output with a lifespan up to 25 years.

Service Commitment

- We commit to replace luminaire failures, service and maintain installed products.

ISO9001

- We offer the highest quality products and services that meet customer needs and comply with regulatory requirements.

2. Unequalled Technical Specification

Whatever your lighting demands, our product range offers unequalled technical specifications.

Specifications

- Our functionality and sustainability specifications are unmatched in our industry.

Efficiencies

- ALTSA luminaires offer light efficiencies of up to 200 lumen per Watt.

Light Angles

- Many of our products are adaptable and can be purpose-built, offering unique distribution angles.

Sustainability

- Designed to last, our products can deliver in hot or harsh environments and for 50,000 to 100,000 hours.

ALTSA's customer promise:

ALTSA provides the lowest total cost of ownership over extended periods, offering our customers significant returns on their investment



3. Professional Lighting Design Office

Our design team's technical expertise ensure our customers get the best design that drives your business' sustainability journey.

Design

- We always offer our professional lighting designs and source the best solution.

Turnaround

- We are proud of our record for delivering complete design plans, quickly.

Quality

- All our designs are of the highest quality including reticulation design work that indicates lux levels.

4. Installation & Onsite Replacement

ALTSA is the largest LED light installation company in South Africa and we pride ourselves on our experience in meeting the lighting demands of commercial businesses throughout Africa.

Speed & Efficiency

- Our teams work efficiently and effectively on site ensuring projects offer almost zero impact on your business productivity.

Electrical Capability

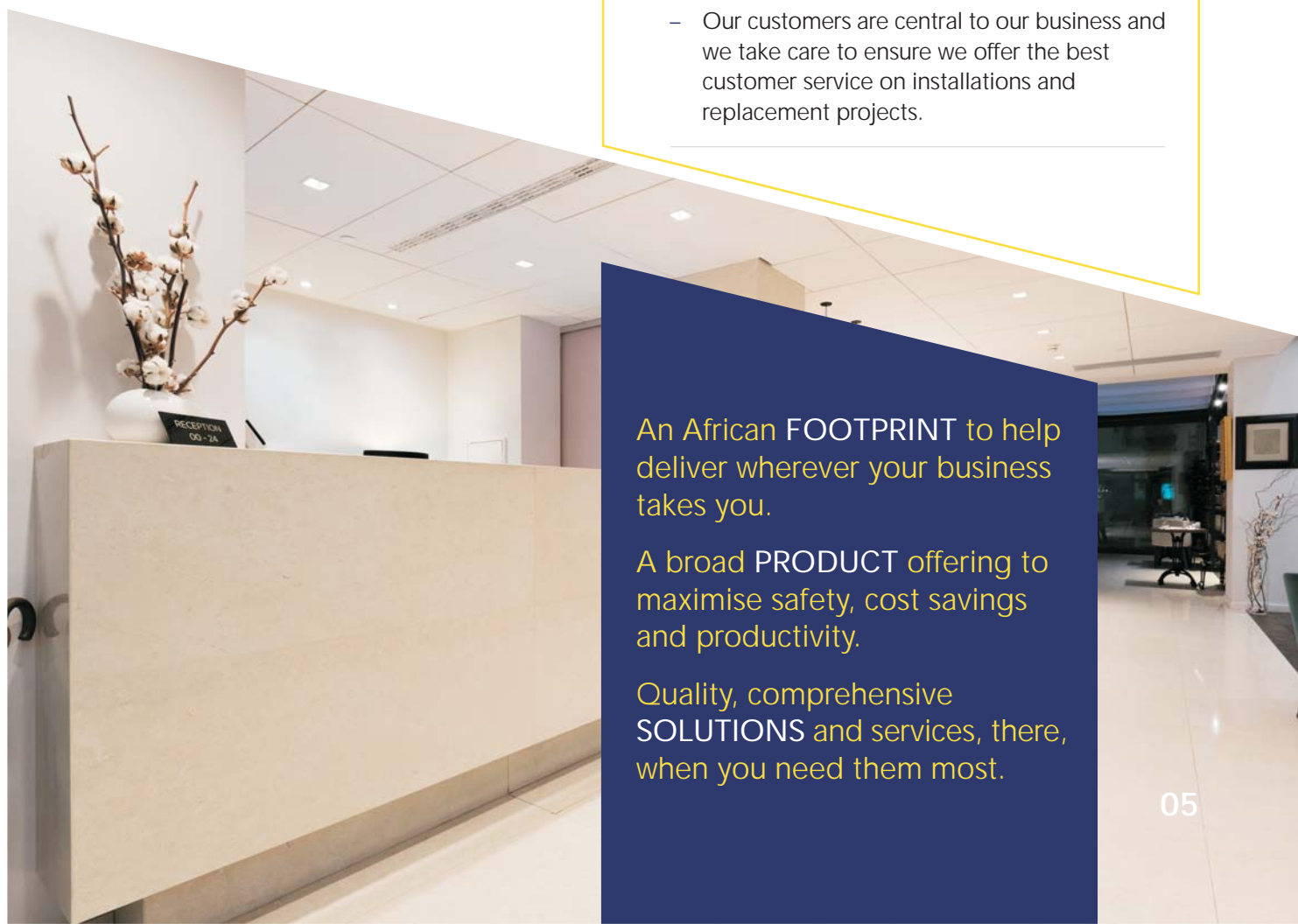
- Our technical teams have a diverse skillset and are qualified to perform major electrical work.

Footprint

- ALTSA's experience reaches across a number of industries throughout Africa, and we are actively growing our presence into new regions.

Service

- Our customers are central to our business and we take care to ensure we offer the best customer service on installations and replacement projects.



An African FOOTPRINT to help deliver wherever your business takes you.

A broad PRODUCT offering to maximise safety, cost savings and productivity.

Quality, comprehensive SOLUTIONS and services, there, when you need them most.

5. Pricing Office & Delivery

ALTSA offers four financial options for your investment into your business' sustainability journey.

Turnaround

- Our estimators work to ensure a 24 hour turnaround on standard quotes.

Competitive

- Business-model allows for very competitive pricing.

Expedient

- Quick and on-time delivery.

6. Local Content & Custom Built Lighting Solutions

Any of our products from either our indoor or outdoor ranges can be customised to your specific needs.

Assembly

- Our high quality products are locally assembled.

Turnaround

- We are able to offer fast turnaround on product assembly.

Luminaires

- We have capacity to offer 8-week delivery on non-standard luminaires.

Our lighting solutions are suitable for the following applications:

Corporate buildings &
Office/Business Parks

Roads, Urban Areas & Bridges

Schools

Hospitals

Retail

Residential

Warehousing

Factories

Petrol Stations

We cater for large-scale Industry:

Mining

Oil & Gas

Quarrying

Handover Project Files:

The ALTSA team provides you with:

- Summary
- Lighting Design
- BOQ - Costing Summary and Detail
- Data Sheets
- Lighting Design Files (incl, CAD/Revit files)
- IES Files

Support Services Process

1 STEP:

Receive drawings: Drawings are vital to our design and quoting offices. Pole and bracket drawings, floor layout drawings, single line drawings, CAD drawings, and 3Ds file. Our quoting office prices according to the specifications on the drawings in terms of lighting poles, mounting brackets for light fittings (spigots, wall mounting, ceiling mounting), and substations/ kiosk according to single line drawings. Our design team uses the floor layout drawings, CAD drawings and 3Ds files to complete their design according to the clients required layout

2 STEP:

Analyse lighting applications: CALTSAs technical office analyses the application of the light fittings required, different applications require different types of light fittings, our technical team are highly qualified and highly experienced in the lighting industry and propose the best type of fitting to produce the highest quality of lighting output for the required application.

3 STEP:

Complete total design: ALTSA offers our customers lighting designs and electrical reticulation designs.

4 STEP:

Summarise lighting design: Lighting design is a specialized field that focuses on the planning and implementation of lighting systems to enhance the visual environment of a space. It involves a careful consideration of various factors to create effective and aesthetically pleasing illumination. Here are some key points to summarize lighting design:

- Aesthetic Enhancement
- Energy Efficiency
- Layered Approach
- Color Temperature
- Control Systems
- Maintenance and Sustainability
- Safety and Regulations
- Functionality





Right solution for your application

General product features

ALTSAs indoor and outdoor range offers innovative lighting especially for commercial applications:

Efficiency: Up to 200 lumen/Watt

Lifespan: 50,000hours - 100,000hours

IP Rating: Up to IP 68

Robust: Impact rating up to IK10
Vibration resistance

Corrosion: Resistant

Versatility: On beam angle and light distribution

Power supply: High quality

Certifications: Strict adherence

ALROS: Web-based maintenance and replacement
management system

Product Lifespan

Hours: Up to 100 000 Hours is realistic

Luminous flux: L90B10

Test reports: LM79 & LM80 reports consistent with TM21 test



Power Supply Quality and Functionality features

Manufacturer:	Meanwell, Shenzhen, Sosen
Voltage Range:	90 - 305VAC
Power Factor:	0.95
THD:	Less than 20% - (< 10% available)
Over Voltage Control:	Shut down & re-power
Temperature:	Working Temperature -40°C - 90°C
Vibration Resistance:	10 ~ 500Hz, 5G 12min./1cycle, period for 72min
Efficiency:	Greater than 92%
Compliance:	Dali Compliant
Surge Protection:	4kV to 20kV
EMC Immunity:	Compliance to EN61000-4-2, 3, 4, 5, 6, 8, 11; EN61547



Our 5-Year guarantee

We take immense pride in our SABS approved product range and we are confident of our quality and expertise.

We deliver on our promise to deliver every time, and our guarantee comes standard on:

LUMINANCE:

Achieving recommended and regulatory Lux levels.

WORKMANSHIP:

Quality installations

PRODUCT:

Indoor, Outdoor and Speciality ranges



INDUSTRY CERTIFIED

Our excellence is recognised

We ensure our diverse range of indoor, outdoor and speciality lighting adheres to the highest industry standards. Which is why our products have received multiple National and International certifications.

We are proud to have been awarded several accolades, shining a light on our position as leaders in the LED industry.





A proven track record

AL TSA is proud to have completed major, large-scale installation projects at more than 400 local and multi-national businesses throughout South Africa and the African continent.

We look forward to partnering with your business and positively impacting our society, together.

CLIENTS



We have an extensive range of cutting-edge, energy-efficient luminaires for all your lighting solutions that can be used in a variety of applications:

- | | | | |
|--------------|------------------------|---------------|-----------------------|
| 1. Oil & Gas | 4. Schools | 7. Retail | 10. Petrol Stations |
| 2. Mining | 5. Corporate Buildings | 8. Warehouses | 11. Sports Facilities |
| 3. Hospitals | 6. Road & Urban | 9. Factories | 12. Public Lighting |
| | | | 13. Heavy Industrial |

PANEL LIGHT



SIDE LIT
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BACK LIT
[VIEW DATASHEET](#)



MEDICAL
[VIEW DATASHEET](#)



LOUVRE
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IP65 RECESSED
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FRAME LIGHT
[VIEW DATASHEET](#)



ANTI GLARE
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TROFFER
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INDIRECT TROFFER
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FORTIS GRILL
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PENDANTS



GLIDER
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PELICAN
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ROUND
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CLASS ROOM
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CIRCULAR
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HIGHLINE
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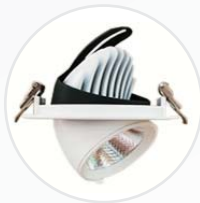


HEXA
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DOWNLIGHTS



SLIM ROUND SQUARE
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GIMBLE
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BRILLIANCE
[VIEW DATASHEET](#)



IP65 SPOTLIGHT
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BAW & BMW
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IP64 WATERPROOF
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SURFACE MOUNT
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TRACKLIGHT
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DEEP REFLECTOR
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SQUARE BRILLIANCE
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TUBES & LAMPS



LED BULBS
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GU10 BULB
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IP65 PAR38 & GL
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LED TUBES
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HIGH POWER LAMPS
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IP65 LAMPS
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TUBERON
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2G11 TUBE
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LINEAR



IP65 VAPOUR PROOF
[VIEW DATASHEET](#)



INTEGRATED
VAPOUR PROOF
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ITB TRI-PROOF
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H BATTEN
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OMEGA BATTEN
LINKABLE
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SLIM BATTEN
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BETA BATTEN
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GAMMA BATTEN
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LIGHT BAR LINEAR
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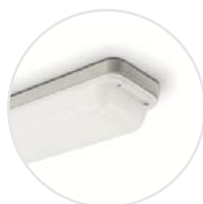
AL TSA BATTEN
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OFFICE LINEAR
SERIES
[VIEW DATASHEET](#)



LINEAR TRUNKING
SYSTEM
[VIEW DATASHEET](#)



VANDAL GUARD
LINEAR
[VIEW DATASHEET](#)



AL TSA CYRUS
LINEAR
[VIEW DATASHEET](#)



WRAP AROUND
BATTEN
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TP TRI-PROOF
BATTEN
[VIEW DATASHEET](#)



T-SERIES
TUNNEL LIGHT
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OWM STRIP LIGHT
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INDOOR/OUTDOOR

HIGH BAYS



FLAT HIGH BAY
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SATURN HIGH BAY
[VIEW DATASHEET](#)



LINEAR HIGH BAY
SERIES
[VIEW DATASHEET](#)



GALAXY LINEAR
HIGH BAY
[VIEW DATASHEET](#)



LINEAR SERIES
HIGH BAY
[VIEW DATASHEET](#)



MAX LINEAR
HIGH BAY
[VIEW DATASHEET](#)



MX LINEAR
HIGH BAY
[VIEW DATASHEET](#)



HONEYCOMB
LINEAR HIGH BAY
[VIEW DATASHEET](#)



LINEAR SERIES
HIGH BAY
[VIEW DATASHEET](#)

BULKHEADS



MAX BULKHEAD
[VIEW DATASHEET](#)



UP & DOWN
[VIEW DATASHEET](#)



ADJUSTABLE
WALLPACK
[VIEW DATASHEET](#)



SKEO WALL LIGHT
[VIEW DATASHEET](#)



CANOPY BULKHEAD
[VIEW DATASHEET](#)



VANDAL GUARD
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MID BULKHEAD
[VIEW DATASHEET](#)



BULKHEAD SERIES
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WALL PACK
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POST TOPS | SPOTLIGHTS | BOLLARDS



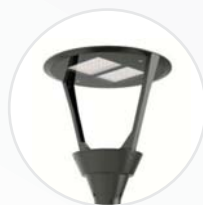
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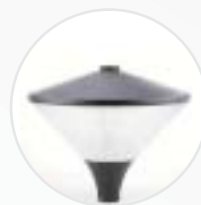
ATHOS
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CYRAH
[VIEW DATASHEET](#)



POST TOP SERIES
[VIEW DATASHEET](#)



SOLAR DIAMOND
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APOLLO
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ATLAS
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CYCLOPS
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RIO
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LINA
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VILA
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FLOODLIGHTS



SK FLOOD
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RHINO FLOOD
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MID FLOOD
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MINI FLOOD
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COOL FLOOD
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HIGH MASTS



MAX HIGH MAST
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MAX STADIUM II
[VIEW DATASHEET](#)



MAX STADIUM III
[VIEW DATASHEET](#)



MEGA STADIUM
[VIEW DATASHEET](#)



VISTA
[VIEW DATASHEET](#)

STREETLIGHTS



MAX II A&C
[VIEW DATASHEET](#)



H SERIES
[VIEW DATASHEET](#)



ST STREETLIGHT
[VIEW DATASHEET](#)



MAX SB
[VIEW DATASHEET](#)



S7 STREETLIGHT
[VIEW DATASHEET](#)



S8 STREETLIGHT
[VIEW DATASHEET](#)



GALAXY SOLAR
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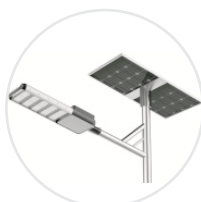
MINI SOLAR
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AQUILA SOLAR
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EPSILON SOLAR
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SPLIT SOLAR
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FX SOLAR
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LK SOLAR
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FX SOLAR
[VIEW DATASHEET](#)

EXPLOSION PROOF



EXPLO TUBES
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SS MAX
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ALSA ALTBAY
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SWORDFISH
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ASTRA
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POLAR BEAR
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FOREST FROG
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SEA LION
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SHAFT
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GYD FLOODLIGHT
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PORTABLE FROG
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TRITON HIGHBAY
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MINING



HAULAGE LIGHTS
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MINING STRIP LIGHT
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AL TSA
Leading with LED

H/O: 87 Mowbray Ave, Greenside, Johannesburg, South Africa
126 Barry Hertzog Avenue, Greenside, Johannesburg, South Africa

Tel: +27 (0)11 486 3552

Sales enquires: info@altsa.co.za

www.altsa.co.za