



MINING



HEAVY INDUSTRIAL



COMMERCIAL



SOLAR



**STREET &
PUBLIC AMENITY**

2025

CONDENSED
LIGHTING
CATALOGUE



MAGNITECH
LIGHTING INDUSTRIES

ILLUMINATING YOUR WORLD

Magnitech is a leading provider of high-performance lighting solutions, specializing in the design, manufacture, and supply of fit-for-purpose lighting products for industrial, commercial, and amenity applications. With a strong focus on quality, reliability, and energy efficiency, we deliver tailored solutions that meet the diverse needs of our clients.

Founded in 1969, Magnitech has established a solid reputation for excellence in the lighting industry. Our commitment to technological advancement and sustainable practices drives our product development and ensures that we remain at the forefront of industry trends.

Core Values:

▪ Innovation

We are committed to developing cutting-edge lighting technologies that meet the evolving needs of our customers.

▪ Quality

We adhere to stringent quality standards to ensure the durability and performance of our products.

▪ Customer Focus

We prioritise customer satisfaction by providing exceptional service and support.

▪ Sustainability

We are dedicated to minimising our environmental impact through energy-efficient products and responsible business practices.



56

YEARS OF
EXPERIENCE



10K+

SQ METER
WAREHOUSE SPACE



13M+

LIGHT FIXTURES
SOLD



27+

COUNTRIES
SERVICED



4+

CONTINENTS
SERVICED

Magnitech's product range encompasses a wide variety of lighting solutions, including **bulkheads, floodlights, highbays, street lighting, solar solutions, explosion proof lighting, specialised lighting, post top lighting and portable site lighting**. Our products are designed to withstand the harshest environments while delivering exceptional performance and energy efficiency.

By choosing Magnitech, you are investing in a brighter future. Contact us today to discuss your lighting needs and discover how we can illuminate your world.

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www.magnitech.co.za

INDEX

| | | | |
|-------------------|----|------------------------------|----|
| Bulkhead Range | 2 | Industrial Fluorescent Range | 15 |
| Floodlight Range | 6 | Commercial Range | 16 |
| High Bay Range | 8 | Specialised Range | 17 |
| Post Top Range | 10 | Portable Range | 18 |
| Streetlight Range | 12 | Explosion Proof Range | 20 |
| Solar Range | 14 | | |

LEGEND

IP67

No ingress of dust; complete protection against contact (dust-tight). Ingress of water in harmful quantity shall not be possible when the enclosure is immersed in water under defined conditions of pressure and time (up to 1 meter of submersion).

IP66

No ingress of dust; complete protection against contact (dust-tight). Water projected in powerful jets (12.5 mm) against the enclosure from any direction shall have no harmful effects.

IP65

No ingress of dust; complete protection against contact (dust-tight). Water projected by a nozzle (6.3 mm) against enclosure from any direction shall have no harmful effects.

IP54

Ingress of dust is not entirely prevented, but it must not enter in sufficient quantity to interfere with the satisfactory operation of the lighting fixture. Water splashing against the enclosure from any direction shall have no harmful effect.

IP20

Protected against solid objects over 12mm (fingers). No protection against ingress of water.



Manufactured in South Africa.



Protected against 5 joules impact. Equivalent to impact of 1.7kg mass dropped from 300mm above impacted surface.



Protected against 10 joules impact. Equivalent to impact of 5kg mass dropped from 200mm above impacted surface.



Protected against 20 joules impact. Equivalent to impact of 5kg mass dropped from 400mm above impacted surface.



Emergency options available.



Safe for use in hazardous environments.



Certified in accordance to the South African Bureau of Standards.



Certified in accordance to the IEC 60598 Standard.

Lumen

The lumen (lm) is the unit of measurement for the total amount of visible light emitted by a light source. It quantifies the light output, indicating the brightness of the source.

Magnitech's Bulkhead Range

Magnitech's Bulkhead range offers robust, reliable, and versatile lighting solutions designed to withstand the harshest environments.

Our bulkheads are engineered to provide exceptional performance and durability, ensuring optimal illumination in a wide range of applications. Whether you require lighting for industrial facilities, commercial buildings, or outdoor areas, Magnitech has the perfect bulkhead to meet your needs.



CATALOGUE

IP66 IK08 SABS APPROVED

MAGLED GEN II

| | |
|---|------------------------------|
| WATTAGE: 40W - 120W | FIT-FOR-PURPOSE: |
| LUMENS: 7 690lm - 17 878lm | ✓ Industrial |
| CT: 4 000K Std (other CT opt) | ✓ Outdoor |
| LIFETIME: 100 000 Hours | ✓ Plant |
| IP: 66 | ✓ Security |
| DIFFUSER: Glass Lens | ✓ Conveyors |
| MATERIAL: Marine Grade Aluminium | ✓ Tunnels |
| HAZLOC: Zone 2, 21 & 22 (80W Max.) | ✓ Emergency |
| | ✓ Dusty & Dirty Environments |



CATALOGUE

BEST FOR:
Plants & Conveyors

IP66 IK09 SABS APPROVED

MAGLED MINI

| | |
|---|------------------------------|
| WATTAGE: 20W - 50W | FIT-FOR-PURPOSE: |
| LUMENS: 3 845lm - 8 305lm | ✓ Industrial |
| CT: 4 000K Std (other CT opt) | ✓ Outdoor |
| LIFETIME: 100 000 Hours | ✓ Plant |
| IP: 66 | ✓ Security |
| DIFFUSER: Glass Lens | ✓ Conveyors |
| MATERIAL: Marine Grade Aluminium | ✓ Tunnels |
| HAZLOC: Zone 2, 21 & 22 | ✓ Emergency |
| | ✓ Dusty & Dirty Environments |



CATALOGUE

BEST FOR:
Highly corrosive environments

STAINLESS STEEL

IP66 IK08 SABS APPROVED

MAG45 LED

| | |
|--------------------------------------|-------------------------|
| WATTAGE: 35W - 50W | FIT-FOR-PURPOSE: |
| LUMENS: 5 457lm - 7 845lm | ✓ Industrial |
| CT: 4 000K Std (other CT opt) | ✓ Outdoor |
| LIFETIME: 100 000 Hours | ✓ Plant |
| IP: 66 | ✓ Conveyors |
| DIFFUSER: Borosilicate Glass | ✓ Tunnels |
| MATERIAL: Stainless Steel | ✓ Emergency |
| HAZLOC: Zone 2, 21 & 22 | ✓ Hazardous Areas |



CATALOGUE

MAG44 LED

| | |
|---|------------------------------|
| WATTAGE: 35W - 50W | FIT-FOR-PURPOSE: |
| LUMENS: 5 457lm - 7 845lm | ✓ Industrial |
| CT: 4 000K Std (other CT opt) | ✓ Outdoor |
| LIFETIME: 100 000 Hours | ✓ Plant |
| IP: 66 | ✓ Security |
| DIFFUSER: Borosilicate Glass | ✓ Conveyors |
| MATERIAL: Marine Grade Aluminium | ✓ Tunnels |
| HAZLOC: Zone 2, 21 & 22 | ✓ Emergency |
| | ✓ Dusty & Dirty Environments |

Case Study

Challenge: Inadequate lighting (40 lux) hindered safety and productivity at a clients' large scale mine.

Solution: Magnitech upgraded the lighting system on a 1-for-1 basis with high-performance LED solutions.

Results:

- Increased illumination to 180 lux, improving safety and reducing accidents.
- Enhanced productivity and worker morale.
- Achieved 60% energy savings.

Conclusion:

Magnitech's lighting upgrade demonstrated the transformative impact of well-designed solutions in the mining industry.

BEFORE



AFTER







CATALOGUE

WATTAGE: 35W - 50W

LUMENS: 5 363lm - 7 029lm

CT: 4 000K Std (other CT opt)

LIFETIME: 100 000 Hours

IP: 66

DIFFUSER: UV Stabilised Polycarbonate

MATERIAL: Marine Grade Aluminium

HAZLOC: Zone 2, 21 & 22

FIT-FOR-PURPOSE:

- ✓ Industrial
- ✓ Outdoor
- ✓ Plant
- ✓ Security
- ✓ Conveyors
- ✓ Tunnels
- ✓ Emergency
- ✓ Dusty & Dirty Environments





CATALOGUE

WATTAGE: 20W - 60W

LUMENS: 2 600lm - 7 200lm

CT: 4 000K Std (other CT opt)

LIFETIME: 35 000 Hours

IP: 66

DIFFUSER: Borosilicate Glass

MATERIAL: Marine Grade Aluminium

HAZLOC: Zone 21 & 22

FIT-FOR-PURPOSE:

- ✓ Industrial
- ✓ Outdoor
- ✓ Plant
- ✓ Security
- ✓ Conveyors
- ✓ Foundry
- ✓ Furnaces
- ✓ Dusty & Dirty Environments





CATALOGUE

WATTAGE: 35W - 50W

LUMENS: Up to 8 500lm

CT: 4 000K Std (other CT opt)

LIFETIME: 100 000 Hours

LIGHT SOURCE: LED

FIT-FOR-PURPOSE:

- ✓ Mag40
- ✓ Mag44
- ✓ Mag45





CATALOGUE

WATTAGE: 35W - 50W

LUMENS: Up to 8 500lm

CT: 4 000K Std (other CT opt)

LIFETIME: 100 000 Hours

IP: 66

DIFFUSER: Borosilicate Lens

LIGHT SOURCE: LED

FIT-FOR-PURPOSE:

- ✓ Mag40
- ✓ Mag44
- ✓ Mag45

Case Study

Challenge: The client sought a lighting layout for a new conveyor system that adhered to minimum illuminance levels of 20 lux under standard operating conditions and 0.2 lux under emergency battery backup.

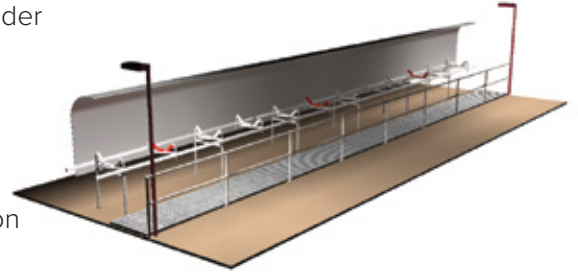
Solution: Magnitech implemented a lighting design using the MagLED Mini 40W luminaires with Type T1 optics, spaced at 13.8 meters intervals and mounted at 3 meters. This configuration ensured compliance with specified illumination requirements.

Results:

- By optimising fixture spacing and selecting the appropriate luminaires, Magnitech helped our client achieve the required lighting levels while significantly reducing the number of fixtures needed.
- This resulted in substantial energy savings and reduced maintenance costs.

Conclusion:

Magnitech's expert technical advice and customised lighting solutions enabled our client to optimise their conveyor belt lighting system, achieving significant cost savings and operational benefits.



BEST FOR:
Highly corrosive environments

STAINLESS STEEL



CATALOGUE





MAG45 HID

| | |
|-------------------------------------|-------------------------|
| WATTAGE: 70W - 150W | FIT-FOR-PURPOSE: |
| IP: 66 | ✓ Industrial |
| DIFFUSER: Borosilicate Glass | ✓ Outdoor |
| MATERIAL: Stainless Steel | ✓ Corrosive Areas |
| LAMP: HPS, MV, MH, Xenon | ✓ Conveyors |
| HAZLOC: Zone 2, 21 & 22 | ✓ Emergency |
| | ✓ Hazardous Areas |



CATALOGUE





MAG44 HID

| | |
|---|-------------------------|
| WATTAGE: 50W - 150W | FIT-FOR-PURPOSE: |
| IP: 66 | ✓ Industrial |
| DIFFUSER: Borosilicate Glass | ✓ Outdoor |
| MATERIAL: Marine Grade Aluminium | ✓ Corrosive Areas |
| LAMP: MV, HPS, MH, Xenon, Cera Arc | ✓ Conveyors |
| HAZLOC: Zone 2, 21 & 22 | ✓ Emergency |
| | ✓ Hazardous Areas |



CATALOGUE





MAG40 HID

| | |
|---|------------------------------|
| WATTAGE: 50W - 150W | FIT-FOR-PURPOSE: |
| IP: 66 | ✓ Industrial |
| DIFFUSER: Polycarbonate | ✓ Outdoor |
| MATERIAL: Marine Grade Aluminium | ✓ Security |
| LAMP: MV, HPS, MH, Xenon, Cera Arc | ✓ Conveyors |
| HAZLOC: Zone 2, 21 & 22 | ✓ Tunnels |
| | ✓ Emergency |
| | ✓ Dusty & Dirty Environments |



CATALOGUE





MAG22 HID

| | |
|-------------------------------------|------------------------------|
| WATTAGE: 50W - 250W | FIT-FOR-PURPOSE: |
| IP: 66 | ✓ Industrial |
| DIFFUSER: Borosilicate Glass | ✓ Outdoor |
| MATERIAL: Aluminium | ✓ Security |
| LAMP: MV, HPS, MH, XENON | ✓ Conveyors |
| HAZLOC: Zone 2, 21 & 22 | ✓ Foundry |
| | ✓ Furnaces |
| | ✓ Dusty & Dirty Environments |

IN ACTION!



MAGLED MINI

Magnitech's Floodlight Range

Magnitech Floodlights are engineered to deliver exceptional performance and reliability in even the most demanding environments.

Designed with a focus on durability and efficiency, our floodlights offer powerful illumination for a wide range of applications. From industrial sites and commercial spaces to outdoor areas and sports fields, Magnitech has the perfect floodlight to meet your needs.



CATALOGUE

IP66 IK09 SABS APPROVED Ex

MAGIS

| | | | |
|------------------|---------------------------|-------------------------|------------------------------|
| WATTAGE: | 40W - 120W | FIT-FOR-PURPOSE: | ✓ Industrial |
| LUMENS: | 7 690lm - 17 878lm | | ✓ Outdoor |
| CT: | 4 000K Std (other CT opt) | | ✓ Security |
| LIFETIME: | 100 000 Hours | | ✓ Emergency |
| IP: | 66 | | ✓ Hazardous Areas |
| DIFFUSER: | Tempered Glass Lens | | ✓ Dusty & Dirty Environments |
| MATERIAL: | Aluminium | | |
| HAZLOC: | Zone 2, 21 & 22 | | |



CATALOGUE

IP66 IK09 SABS APPROVED Ex

MAGIS MINI

| | | | |
|------------------|---------------------------|-------------------------|------------------------------|
| WATTAGE: | 20W - 50W | FIT-FOR-PURPOSE: | ✓ Industrial |
| LUMENS: | 3 845lm - 8 305lm | | ✓ Outdoor |
| CT: | 4 000K Std (other CT opt) | | ✓ Security |
| LIFETIME: | 100 000 Hours | | ✓ Emergency |
| IP: | 66 | | ✓ Hazardous Areas |
| DIFFUSER: | Tempered Glass Lens | | ✓ Dusty & Dirty Environments |
| MATERIAL: | Aluminium | | |
| HAZLOC: | Zone 2, 21 & 22 | | |



CATALOGUE

Heavy Industrial

IP66 IK09 SABS APPROVED Ex

MAGFLOOD

| | | | |
|------------------|---------------------------|-------------------------|------------------------------|
| WATTAGE: | 200W - 600W | FIT-FOR-PURPOSE: | ✓ Industrial |
| LUMENS: | 36 956lm - 76 280lm | | ✓ Outdoor |
| CT: | 4 000K Std (other CT opt) | | ✓ Plant |
| LIFETIME: | 100 000 Hours | | ✓ Security |
| IP: | 66 | | ✓ Emergency |
| DIFFUSER: | Tempered Glass Lens | | ✓ Hazardous Areas |
| MATERIAL: | Marine Grade Aluminium | | ✓ Dusty & Dirty Environments |



CATALOGUE

IP66 IK10 IEC EXPOSED



FLOODMASTER LED

| | | | |
|------------------|---------------------------|-------------------------|--------------------|
| WATTAGE: | 240W - 900W | FIT-FOR-PURPOSE: | ✓ High Masts |
| LUMENS: | 36 376lm - 127 431lm | | ✓ Stadiums |
| CT: | 4 000K Std (other CT opt) | | ✓ Airports |
| LIFETIME: | 98 000 Hours | | ✓ Parking Lots |
| IP: | 66 | | ✓ Terminals |
| DIFFUSER: | Polycarbonate Lens | | ✓ Sport Facilities |
| MATERIAL: | Aluminium | | ✓ Power Stations |
| | | | ✓ Commercial Parks |

IN ACTION!



SPECTRALED GENII

CATALOGUE

IP66 IK10 IEC EX

SPECTRALED GENII

| | |
|--------------------------------------|-------------------------|
| WATTAGE: 100W - 1 440W | FIT-FOR-PURPOSE: |
| LUMENS: 16 000lm - 230 400lm | ✓ Outdoor |
| CT: 4 000K Std (other CT opt) | ✓ Security |
| LIFETIME: 100 000 Hours | ✓ Sport Fields |
| IP: 66 | ✓ High Masts |
| DIFFUSER: Polycarbonate Lens | ✓ Construction Sites |
| MATERIAL: Aluminium | |




CATALOGUE

IP65 IK08 SABS EX

HP10 HPDC

| | |
|---------------------------------|-------------------------|
| WATTAGE: 150W - 400W | FIT-FOR-PURPOSE: |
| IP: 65 | ✓ Industrial |
| DIFFUSER: Tempered Glass | ✓ Outdoor |
| MATERIAL: Aluminium | ✓ Security |
| LAMP: MV, HPS, MH, XENON | ✓ Sport Fields |
| HAZLOC: Zone 2, 21 & 22 | ✓ High Masts |
| | ✓ Construction Sites |
| | ✓ High Vibration Areas |




CATALOGUE

IP65 IK08 SABS EX

HP15 HPDC

| | |
|---------------------------------------|-------------------------|
| WATTAGE: 600W - 1 000W | FIT-FOR-PURPOSE: |
| IP: 65 | ✓ Industrial |
| DIFFUSER: Toughened Glass Lens | ✓ Outdoor |
| MATERIAL: Aluminium | ✓ Security |
| LAMP: HPS, MH, XENON | ✓ Sport Fields |
| HAZLOC: Zone 21 & 22 | ✓ High Masts |
| | ✓ Construction Sites |

Photometry

Photometry is a branch of science concerned with the measurement of the brightness of light from a human perspective.

Photometry measures the brightness of different wavelengths of visible light according to how sensitive the human eye is to each wavelength.

Magnitech's High Bay Range

Magnitech High Bay Lights are engineered to deliver exceptional illumination for large indoor spaces. Designed for durability, efficiency, and optimal light distribution, our high bay range is ideal for warehouses, factories, and industrial facilities.

With a focus on quality and performance, Magnitech high bays offer a range of options to suit your specific needs. Experience the difference a well-lit workspace can make.


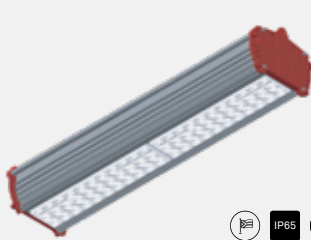


CATALOGUE

IP65 IK10 SABS APPROVED

SPECTRALED

| | | | |
|------------------|---------------------------|-------------------------|------------------------------|
| WATTAGE: | 100W - 400W | FIT-FOR-PURPOSE: | ✓ Industrial |
| LUMENS: | 16 500lm - 66 000lm | | ✓ Warehouses |
| CT: | 4 000K Std (other CT opt) | | ✓ Food Processing Facilities |
| LIFETIME: | 54 000 Hours | | ✓ Cold Storage Facilities |
| IP: | 65 | | ✓ Hazardous Areas |
| DIFFUSER: | Polycarbonate Lens | | |
| MATERIAL: | Aluminium | | |
| HAZLOC: | Zone 21 & 22 (in process) | | |



CATALOGUE

IP65 IK10 SABS APPROVED

BLOWFISH LED

| | | | |
|------------------|------------------------------|-------------------------|---------------------------|
| WATTAGE: | 25W - 600W | FIT-FOR-PURPOSE: | ✓ Industrial |
| LUMENS: | 3 210lm - 84 398lm | | ✓ Hangars |
| CT: | 4 000K Std (other CT opt) | | ✓ Warehouses |
| LIFETIME: | 100 000 Hours | | ✓ Plant Lighting |
| IP: | 65 | | ✓ Hazardous Areas |
| DIFFUSER: | Polycarbonate Lens | | ✓ Cold Storage Facilities |
| MATERIAL: | Aluminium | | |
| HAZLOC: | Zone 2, 21 & 22 (in process) | | |



CATALOGUE

IP65 SABS APPROVED

BM3

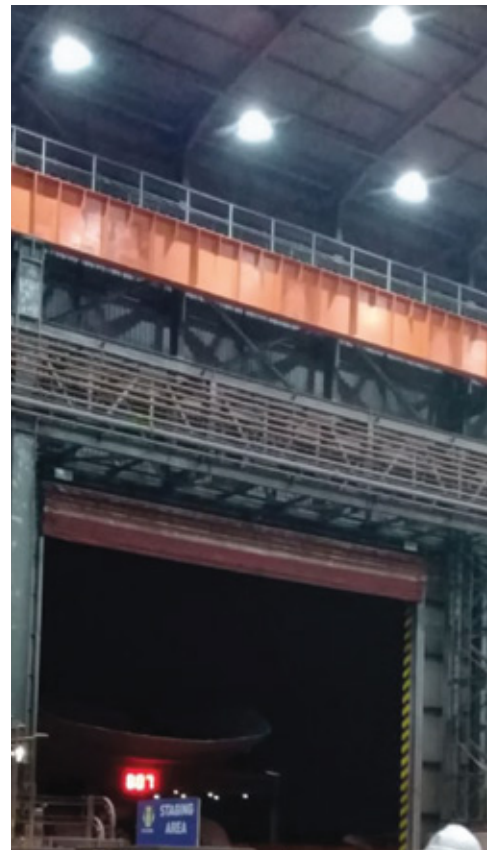
| | | | |
|------------------|----------------------|-------------------------|----------------|
| WATTAGE: | 70W - 1 000W | FIT-FOR-PURPOSE: | ✓ Industrial |
| IP: | 65 (Control Gearbox) | | ✓ Warehouses |
| DIFFUSER: | Reflector | | ✓ Factories |
| MATERIAL: | Aluminium | | ✓ Sports Halls |
| LAMP: | MV, HPS, MG, Xenon | | |
| HAZLOC: | Zone 21 & 22 | | |

IK Rating

The IK Rating system is an international classification system that refers to how much mechanical impact a product can resist and identifies the degree of protection (IEC 62262).

The rating scale identifies the ability of an enclosure to resist impact energy levels measured in joules (J).

IN ACTION!



Magnitech's Post Top Range

Magnitech Post Top Lights are designed to elevate the aesthetics and functionality of any outdoor environment. Combining sleek design with cutting-edge technology, our post top range offers superior illumination and durability.

Whether you're enhancing streetscapes, illuminating pathways, or creating ambiance in parks and public spaces, Magnitech has the perfect post top solution.



CATALOGUE

IP68 UK10 IEC

LIBRA

| | | |
|------------------|---------------------------|---|
| WATTAGE: | 30W - 100W | FIT-FOR-PURPOSE: <ul style="list-style-type: none">✓ Public✓ Amenity✓ Outdoor✓ Office Parks✓ Walkways✓ Commercial |
| LUMENS: | 2 700lm - 9 000lm | |
| CT: | 4 000K Std (other CT opt) | |
| LIFETIME: | 70 000 Hours | |
| IP: | 66 | |
| DIFFUSER: | Glass | |
| MATERIAL: | Aluminium | |



CATALOGUE

IP68 UK10 IEC

PISCES

| | | |
|------------------|---------------------------|---|
| WATTAGE: | 30W - 100W | FIT-FOR-PURPOSE: <ul style="list-style-type: none">✓ Public✓ Amenity✓ Outdoor✓ Office Parks✓ Walkways✓ Commercial |
| LUMENS: | 2 700lm - 9 000lm | |
| CT: | 4 000K Std (other CT opt) | |
| LIFETIME: | 70 000 Hours | |
| IP: | 66 | |
| DIFFUSER: | Glass | |
| MATERIAL: | Aluminium | |


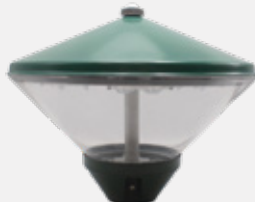


CATALOGUE

IP68 UK10 IEC

TAURUS

| | | |
|------------------|---------------------------|---|
| WATTAGE: | 30W - 60W | FIT-FOR-PURPOSE: <ul style="list-style-type: none">✓ Public✓ Amenity✓ Outdoor✓ Office Parks✓ Walkways✓ Commercial |
| LUMENS: | 2 700lm - 5 400lm | |
| CT: | 4 000K Std (other CT opt) | |
| LIFETIME: | 70 000 Hours | |
| IP: | 66 | |
| DIFFUSER: | Glass | |
| MATERIAL: | Aluminium | |



CATALOGUE

IP54 SABS

SK3 LED

| | | |
|------------------|---------------------------|--|
| WATTAGE: | 32W - 64W | FIT-FOR-PURPOSE: <ul style="list-style-type: none">✓ Public✓ Amenity✓ Open Car Parks✓ Office Parks✓ Security✓ Perimeter Fences |
| LUMENS: | 3 490lm - 6 620lm | |
| CT: | 4 000K Std (other CT opt) | |
| LIFETIME: | 100 000 Hours | |
| IP: | 54 | |
| DIFFUSER: | High Impact Acrylic | |
| MATERIAL: | Aluminium | |




CATALOGUE

IP65 UP TO 1000 LEC

VIRGO SOLAR

| | | |
|------------------|-----------------------------------|---|
| WATTAGE: | 15W | FIT-FOR-PURPOSE: |
| LUMENS: | 2 000lm | |
| CT: | 5 000K Std (other CT opt) | |
| BATTERY: | Lithium Battery 3.7V 10 400mAh | |
| IP: | 65 | |
| DIFFUSER: | Polycarbonate | <input checked="" type="checkbox"/> Open Car Park <input checked="" type="checkbox"/> Office Parks <input checked="" type="checkbox"/> Residential Areas <input checked="" type="checkbox"/> Security Perimeter Fences <input checked="" type="checkbox"/> Public Amenity |
| MATERIAL: | Aluminium | |




CATALOGUE

IP54 SABS APPROVED

SK3

| | | |
|------------------|---------------------------|---|
| WATTAGE: | 2x9W - 125W | FIT-FOR-PURPOSE: |
| LUMENS: | 375lm - 1 500lm | |
| CT: | 4 000K Std (other CT opt) | |
| IP: | 54 | |
| DIFFUSER: | High Impact Acrylic | |
| MATERIAL: | Aluminium | <input checked="" type="checkbox"/> Public Amenity <input checked="" type="checkbox"/> Open Car Parks <input checked="" type="checkbox"/> Office Parks <input checked="" type="checkbox"/> Security Perimeter Fences |
| LAMP: | HID | |

Colour Temperature (CT)

Refers to the perceived “warmth” or “coolness” of light. It is measured in Degrees Kelvin (°K). Lower colour temperatures (around 2700K) produce a warm, yellowish light similar to incandescent bulbs, while higher colour temperatures (5000K and above) emit a cooler, bluish light resembling daylight.

IN ACTION!



TAURUS POST TOP

Magnitech's Streetlight Range

Magnitech Street Lights are meticulously engineered to deliver optimal illumination for urban and suburban environments. With a strong emphasis on functionality and durability, our range is designed to withstand the rigors of outdoor conditions while providing exceptional light distribution.

Whether you're aiming to enhance road safety, create welcoming public spaces, or reduce energy consumption, Magnitech offers a street lighting solution tailored to your specific needs.



CATALOGUE

IP66 IK08 SABS APPROVED

ILANGALED MAXI

| | | | |
|------------------|---------------------------|-------------------------|---------------------|
| WATTAGE: | 100W - 220W | FIT-FOR-PURPOSE: | ✓ Street Lighting |
| LUMENS: | 15 895lm - 32 706lm | | ✓ Security Lighting |
| CT: | 4 000K Std (other CT opt) | | ✓ General Amenity |
| LIFETIME: | 100 000 Hours | | ✓ Class A Roadways |
| IP: | 66 | | |
| DIFFUSER: | Glass Lens | | |
| MATERIAL: | Marine Grade Aluminium | | |



CATALOGUE

IP66 IK10 SABS APPROVED

ILANGALED

| | | | |
|------------------|---------------------------|-------------------------|--------------------|
| WATTAGE: | 20W - 60W | FIT-FOR-PURPOSE: | ✓ Street Lighting |
| LUMENS: | 3 284lm - 7 952lm | | ✓ Conveyors |
| CT: | 4 000K Std (other CT opt) | | ✓ General Amenity |
| LIFETIME: | 100 000 Hours | | ✓ Security |
| IP: | 66 | | ✓ Class B Roadways |
| DIFFUSER: | PMMA Lens | | ✓ Parking Areas |
| MATERIAL: | Marine Grade Aluminium | | |



CATALOGUE

IP66 IK08 SABS APPROVED Ex

MAGVIA

| | | | |
|------------------|---------------------------|-------------------------|---------------------------------|
| WATTAGE: | 40W - 120W | FIT-FOR-PURPOSE: | ✓ Street Lighting - Class A & B |
| LUMENS: | 7 690lm - 17 878lm | | ✓ Outdoor |
| CT: | 4 000K Std (other CT opt) | | ✓ Security |
| LIFETIME: | 100 000 Hours | | ✓ General Amenity |
| IP: | 66 | | ✓ Parking Areas |
| DIFFUSER: | Tempered Glass Lens | | ✓ Hazardous Areas (up to 80W) |
| MATERIAL: | Marine Grade Aluminium | | |
| HAZLOC: | Zone 2, 21 & 22 | | |



CATALOGUE

IP66 IK09 SABS APPROVED Ex

MAGVIA MINI

| | | | |
|------------------|---------------------------|-------------------------|---------------------------------|
| WATTAGE: | 20W - 50W | FIT-FOR-PURPOSE: | ✓ Street Lighting - Class A & B |
| LUMENS: | 3 845lm - 8 305lm | | ✓ Outdoor |
| CT: | 4 000K Std (other CT opt) | | ✓ Security |
| LIFETIME: | 100 000 Hours | | ✓ General Amenity |
| IP: | 66 | | ✓ Parking Areas |
| DIFFUSER: | Tempered Glass Lens | | ✓ Hazardous Areas |
| MATERIAL: | Marine Grade Aluminium | | |
| HAZLOC: | Zone 2, 21 & 22 | | |

IN ACTION!



ILANGALED MAXI




CATALOGUE



IP66 IK08 SABS APPROVED

SPECTRALED FP

WATTAGE: 30W - 300W
LUMENS: 3 900lm - 43 500lm
CT: 4 000K Std (other CT opt)
LIFETIME: 70 000 Hours
IP: 66
DIFFUSER: Glass Lens
MATERIAL: Aluminium

FIT-FOR-PURPOSE:

- ✓ Street Lighting - Class A & B
- ✓ Outdoor
- ✓ Security
- ✓ High Masts
- ✓ General Amenity

CATALOGUE



IP66 IK10 SABS APPROVED

PATHFINDER I

WATTAGE: 50W - 150W
IP: 54 & 66
DIFFUSER: Polymer Lens
MATERIAL: UV Stabilised Polymer Body
LAMP: HID

FIT-FOR-PURPOSE:

- ✓ Residential Streets
- ✓ Parking Lots
- ✓ Amenity
- ✓ Walkways
- ✓ Private Roadways
- ✓ Parks

CATALOGUE


IP66 IK10 SABS APPROVED

PATHFINDER II

WATTAGE: 2x18W - 150W
IP: 44 & 66
DIFFUSER: Polymer Lens
MATERIAL: UV Stabilised Polymer Body
LAMP: HID

FIT-FOR-PURPOSE:

- ✓ Residential Streets
- ✓ Parking Lots
- ✓ Amenity
- ✓ Walkways
- ✓ Private Roadways
- ✓ Parks

CATALOGUE

IP66 IK08 SABS APPROVED

EYETINERA HID

WATTAGE: 150W - 600W
IP: 66
DIFFUSER: Glass Lens
MATERIAL: Marine Grade Aluminium
LAMP: HID

FIT-FOR-PURPOSE:

- ✓ Street Lighting
- ✓ Highways
- ✓ Parking Lots
- ✓ Walkways
- ✓ Private Roadways
- ✓ Public Roads - Class A1, A2 & A3 Roads

Magnitech's Solar Range

Magnitech's Solar Lighting range represents the pinnacle of advanced solar technology. Our solutions harness the power of the sun to deliver efficient, reliable, and eco-friendly lighting.

By incorporating cutting-edge components and intelligent design, we offer a range of solar lighting products that exceed industry standards.



CATALOGUE

MAGSOL AIOS

| | | | |
|------------------|----------------------------------|-------------------------|--|
| WATTAGE: | 40W - 120W | FIT-FOR-PURPOSE: | |
| LUMENS: | 7 840lm - 23 520lm | | |
| CT: | 5 000K Std (other CT opt) | ✓ Street Lighting | |
| AUTONOMY: | >3 Rainy Days | ✓ Outdoor | |
| BATTERY: | Lithium Iron Phosphate (LifePo4) | ✓ Security | |
| IP: | 66 | ✓ Parking Areas | |
| MATERIAL: | Aluminium & SS | ✓ General Areas | |



CATALOGUE

MAGSOL PRO

| | | | |
|------------------|----------------------------------|-------------------------|--|
| WATTAGE: | 40W - 120W | FIT-FOR-PURPOSE: | |
| LUMENS: | 7 840lm - 23 520lm | | |
| CT: | 4 000K Std (other CT opt) | ✓ Street Lighting | |
| AUTONOMY: | >3 Rainy Days | ✓ Outdoor | |
| BATTERY: | Lithium Iron Phosphate (LifePo4) | ✓ Security | |
| IP: | 66 | ✓ Parking Areas | |
| MATERIAL: | Aluminium | ✓ General Areas | |



CATALOGUE

MAGSOL HIGH MAST

| | | | |
|--------------------|---|--|--|
| VARIATIONS: | Fixed Mast / Ring Mast Floodlight / Streetlight 2 / 4 / 6 / 8 Photovoltaic Panels | FIT-FOR-PURPOSE: | |
| | | ✓ All High Mast Applications Up To 25M | |

Speak to your local sales representative for more information on a tailored specification.



CATALOGUE

VIRGO SOLAR

| | | | |
|---------------------|--------------------------------|-----------------------------|--|
| WATTAGE: | 15W | FIT-FOR-PURPOSE: | |
| LUMENS: | 2 000lm | | |
| CT: | 5 000K Std (other CT opt) | ✓ Open Car Park | |
| CHARGE TIME: | 7 - 8 Hours | ✓ Office Parks | |
| BATTERY: | Lithium Battery 3.7V 10 400mAh | ✓ Residential Areas | |
| IP: | 65 | ✓ Security Perimeter Fences | |
| DIFFUSER: | Polycarbonate | ✓ Public Amenity | |
| MATERIAL: | Aluminium | | |

Magnitech's Industrial Fluorescent Range

Our range of industrial fluorescent lights are designed to provide reliable illumination for demanding environments. Engineered for durability and efficiency, our fluorescent fixtures deliver consistent light output and low maintenance.

From factories and warehouses to workshops and industrial facilities, Magnitech offers a variety of options to suit your specific needs.

STAINLESS STEEL



CATALOGUE



P50 LED

| | |
|--|--|
| WATTAGE: P50 LED: 2x9W; 2x18W (P50 Fluor: 2x18W; 2x36W) | FIT-FOR-PURPOSE: |
| LUMENS: 900lm - 3 600lm | ✓ Industrial Plant Lighting - Internal |
| CT: 4 000K Std (other CT opt) | ✓ Industrial Plant Lighting - External |
| LIFETIME: 50 000 Hours | ✓ Hazardous Areas |
| IP: 65 | |
| DIFFUSER: Tempered Hardened Glass | |
| MATERIAL: Stainless Steel | |
| HAZLOC: Zone 2, 21 & 22 | |



CATALOGUE



VAPOURLED

| | |
|--|-------------------------|
| WATTAGE: 1x12W - 2x30W | FIT-FOR-PURPOSE: |
| LUMENS: 1 370lm - 6 470lm | ✓ Industrial |
| CT: 6 000K Std (other CT opt) | ✓ Commercial |
| LIFETIME: 50 000 Hours | ✓ Low Bays |
| IP: 65 | ✓ Outdoor |
| DIFFUSER: Polycarbonate Lens | ✓ Security |
| MATERIAL: Polycarbonate Body, Stainless Steel Clips | ✓ Warehouses |
| HAZLOC: Zone 21 & 22 | ✓ Parking Garages |

STAINLESS STEEL



CATALOGUE



C50 LED

| | |
|--|--------------------------|
| WATTAGE: C50 LED: 2x9W; 2x18W (C50 Fluor: 2x18W; 2x36W) | FIT-FOR-PURPOSE: |
| CT: 4 000K Std (other CT opt) | ✓ Mining Installations |
| LIFETIME: 50 000 Hours | ✓ Collieries |
| IP: 65 | ✓ Marine Installation |
| DIFFUSER: Tempered Glass Lens | ✓ Fertilizer Plants |
| MATERIAL: Stainless Steel | ✓ Chemical Plants |
| | ✓ Breweries |
| | ✓ Wet & Saline Locations |



CATALOGUE



CVP LED

| | |
|--|-------------------------|
| WATTAGE: LED: 2x9W - 2x22W (Fluor: 2x18W - 2x58W) | FIT-FOR-PURPOSE: |
| CT: 4 000K Std (other CT opt) | ✓ Industrial |
| LIFETIME: 50 000 Hours | ✓ Commercial |
| IP: 65 | ✓ Low Bays |
| DIFFUSER: UV Stabilised Lens | ✓ Haulages |
| MATERIAL: Polycarbonate | ✓ Security |
| LAMP: LED Tubes | ✓ Warehouses |
| HAZLOC: Zone 2, 21 & 22 | ✓ Parking Garages |

Magnitech's Commercial Lighting Range

Magnitech offers a comprehensive range of commercial lighting solutions designed to enhance aesthetics, functionality, and energy efficiency.

Whether you're illuminating retail spaces, offices, or hospitality venues, our products are meticulously crafted to create inviting and productive environments.



CATALOGUE

IP20 IK08 SABS APPROVED

OFFICELED CEILING PANEL

| | | | |
|------------------|-----------------------------|-------------------------|--------------------------|
| WATTAGE: | 30W - 60W | FIT-FOR-PURPOSE: | |
| VARIANTS: | 600X600, 1200X300, 1200X600 | | ✓ Commercial Offices |
| LUMENS: | 3 600lm - 7 200lm | | ✓ Shopping Centres |
| CT: | 4 000K Std (other CT opt) | | ✓ Retail Stores |
| LIFETIME: | 100 000 Hours | | ✓ Schools & Universities |
| IP: | 20 | | ✓ Hospitals |
| | | | ✓ Clinics |



CATALOGUE

IP20 IK08 SABS APPROVED

OFFICELED DOWNLIGHTERS

| | | | |
|------------------|---------------------------|-------------------------|--------------------------|
| WATTAGE: | 7W & 12W | FIT-FOR-PURPOSE: | |
| LUMENS: | 600lm - 1 100lm | | ✓ Commercial & Offices |
| CT: | 4 000K Std (other CT opt) | | ✓ Shopping Centres |
| LIFETIME: | 25 000 Hours | | ✓ Retail Stores |
| IP: | 20 | | ✓ Schools & Universities |
| DIFFUSER: | PMMA Lens | | ✓ Hospitals & Clinics |
| MATERIAL: | PMMA | | |



CATALOGUE

IP66 IK08 SABS APPROVED

B30 LED

| | | | |
|------------------|---------------------------|-------------------------|---------------------|
| WATTAGE: | 23W | FIT-FOR-PURPOSE: | |
| LUMENS: | 3 398lm | | ✓ Homes |
| CT: | 4 000K Std (other CT opt) | | ✓ Schools |
| LIFETIME: | 100 000 Hours | | ✓ Hostels |
| IP: | 65 | | ✓ Residential Flats |
| DIFFUSER: | Polycarbonate Lens | | ✓ Corridors |
| MATERIAL: | Aluminium | | ✓ Emergency |
| HAZLOC: | Zone 21 & 22 | | ✓ Hazardous Areas |



CATALOGUE

IP65 IK08 SABS APPROVED

SURYA LED

| | | | |
|------------------|---------------------------|-------------------------|------------------------------|
| WATTAGE: | 12W - 22W | FIT-FOR-PURPOSE: | |
| LUMENS: | 600lm - 3 600lm | | ✓ Industrial |
| CT: | 4 000K Std (other CT opt) | | ✓ Outdoor |
| LIFETIME: | 100 000 Hours | | ✓ Security |
| IP: | 65 | | ✓ Conveyors |
| DIFFUSER: | High Impact Acrylic Lens | | ✓ Tunnels |
| MATERIAL: | Aluminium | | ✓ Emergency |
| HAZLOC: | Zone 21 & 22 | | ✓ Dusty & Dirty Environments |

Magnitech's Specialised Range

Our Specialised Lighting range is designed to address the unique challenges of specific environments. With a focus on innovation and performance, we offer tailored solutions for industries demanding specialised lighting solutions.

From hazardous areas to high-precision applications, Magnitech delivers exceptional quality and reliability.

BEST FOR:
Tunnels & Haulages



CATALOGUE

IP67 IK09 SABS APPROVED

MAGFLEX

| | |
|--------------------------------------|-------------------------|
| WATTAGE: 5W/m, 8W/m | FIT-FOR-PURPOSE: |
| LUMENS: 460lm - 780lm | ✓ Industrial |
| CT: 4 000K Std (other CT opt) | ✓ Conveyors |
| LIFETIME: 54 000 Hours | ✓ Tunnels |
| IP: 67 (LED), 66 (BOX) | ✓ Hazardous Areas |
| DIFFUSER: Surface Coated | |
| MATERIAL: Silicone | |
| HAZLOC: Zone 1, 2, 21 & 22 | |

BEST FOR:
Environmentally Aware Areas



CATALOGUE

IP66 IK09 SABS APPROVED

AMBERLED

| | |
|-----------------------------------|-------------------------|
| WATTAGE: 20W - 120W | FIT-FOR-PURPOSE: |
| LUMENS: 3 845lm - 17 878lm | ✓ Industrial |
| LIFETIME: 50 000 Hours | ✓ Floodlighting |
| IP: 66 | ✓ Street Lighting |
| DIFFUSER: Glass Lens | ✓ Area Lighting |
| MATERIAL: Aluminium | ✓ Emergency Lighting |
| HAZLOC: Zone 2, 21 & 22 | ✓ Hazardous Areas |

Available in multiple variants, including: Solar, Floodlight, Streetlight and Bulkhead.

BEST FOR:
Smelters & High Temp. Environments



CATALOGUE

IP67 IK09 SABS APPROVED

THERMALED

| | |
|--|---|
| WATTAGE: 120W | FIT-FOR-PURPOSE: |
| LUMENS: 19 650lm | ✓ Industrial |
| CT: 6 500K Std (other CT opt) | ✓ Smelters |
| LIFETIME: 50 000 Hours | ✓ Furnaces |
| IP: 66, 67 | ✓ For high temperature applications up to 110°C |
| DIFFUSER: High Impact Glass | |
| MATERIAL: Titanium Coated Aluminium | |

BEST FOR:
Smelters & High Temp. Environments



CATALOGUE

IP65 IK09 SABS APPROVED

PETROLED

| | |
|--------------------------------------|-------------------------|
| WATTAGE: 100W - 150W | FIT-FOR-PURPOSE: |
| LUMENS: 13 000lm - 19 500lm | ✓ Petrol Stations |
| CT: 4 000K Std (other CT opt) | ✓ Canopies |
| LIFETIME: 50 000 Hours | |
| IP: 65 | |
| DIFFUSER: Glass | |
| MATERIAL: Aluminium | |

Magnitech's Portable Lighting Range

Our Portable Site Lighting range is engineered to illuminate the toughest work environments. Designed for industries such as mining, construction, and emergency response, our lights deliver exceptional brightness and durability.

With a focus on performance and portability, Magnitech's portable lighting solutions are your reliable partner in any situation.

TOROTORRE
PORTABLE SITE LIGHTING



CATALOGUE

TT-TL-0500

| | |
|---------------------|--|
| LUMENS (DC): | 35 000lm |
| LUMENS (AC): | 65 000lm |
| HEIGHT: | 5.3m |
| WEIGHT: | 52kg |
| IP: | 65 |
| IK: | 10 |
| BATTERY: | 0 - 100 Hours (Depending on brightness setting) |

FIT-FOR-PURPOSE:

- ✓ Construction
- ✓ Outdoor
- ✓ Mining
- ✓ Sports
- ✓ Events
- ✓ Emergency
- ✓ Contractors



CATALOGUE

TT-TL-0400

| | |
|---------------------|---|
| LUMENS (DC): | 10 000lm |
| LUMENS (AC): | 17 000lm |
| HEIGHT: | 2.2m |
| WEIGHT: | 10kg |
| IP: | 65 |
| IK: | 10 |
| BATTERY: | 10 - 100 Hours (Depending on brightness setting) |

FIT-FOR-PURPOSE:

- ✓ Construction
- ✓ Infrastructure
- ✓ Mining
- ✓ Sports
- ✓ Maintenance
- ✓ Emergency
- ✓ Railway



CATALOGUE

TT-TL-D200

| | |
|---------------------|---|
| LUMENS (DC): | 6 000lm |
| LUMENS (AC): | 12 000lm |
| HEIGHT: | 2.3m |
| WEIGHT: | 6kg |
| IP: | 65 |
| IK: | 10 |
| BATTERY: | 4 - 45 Hours (Depending on brightness setting) |

FIT-FOR-PURPOSE:

- ✓ Construction
- ✓ Outdoor
- ✓ Mining
- ✓ Events
- ✓ Emergency
- ✓ Contractors



CATALOGUE

TT-PL-0200

| | |
|---------------------|---|
| LUMENS (DC): | 6 000lm |
| LUMENS (AC): | 12 000lm |
| HEIGHT: | 2.5m |
| WEIGHT: | 6.5kg |
| IP: | 66 |
| IK: | 10 |
| BATTERY: | 4 - 45 Hours (Depending on brightness setting) |

FIT-FOR-PURPOSE:

- ✓ Construction
- ✓ Maintenance
- ✓ Infrastructure
- ✓ Mining
- ✓ Railway
- ✓ Emergency
- ✓ Camping
- ✓ Contractors

IN ACTION!



TT-PL-0200



CATALOGUE

TT-PS-0200

LUMENS (DC): 6 000lm
WEIGHT: 2kg
IP: 66
IK: 10
BATTERY: 4 - 45 Hours
 (Depending on brightness setting)

FIT-FOR-PURPOSE:

- ✓ Builders
- ✓ Mechanics
- ✓ Maintenance
- ✓ Mining
- ✓ Underground
- ✓ Emergency
- ✓ Contractors



CATALOGUE

TT-PT-0200

LUMENS (DC): 12 000lm
WEIGHT: 4.4kg
IP: 66
IK: 10
BATTERY: 4 - 45 Hours
 (Depending on brightness setting)

FIT-FOR-PURPOSE:

- ✓ Electricians
- ✓ Mechanics
- ✓ Contractors
- ✓ Camping
- ✓ Underground
- ✓ Emergency
- ✓ Builders



CATALOGUE

RAPID CHARGING CASE

INPUT: AC 100-277V 2.5A
OUTPUT: 29.2V 4.0A
BATTERY QTY: Can charge up to 9 batteries at once
CHARGE TIME: 2 Hours
DIMENSIONS: 545 x 406 x 261 mm
WEIGHT: 7kg



CATALOGUE

PORTABLE SOLAR PANEL

POWER: 200W
WEIGHT: 5.75kg
DIMENSIONS: 380 x 370 x 60 mm

Magnitech's Explosion Proof Range

Magnitech offers a comprehensive range of explosion-proof lighting solutions designed to meet the stringent safety requirements of hazardous environments. As the exclusive distributor of the world-renowned Warom range of explosion proof light fixtures for industrial, mining, marine and offshore areas, we provide the highest level of protection and performance.

Speak to your local Sales Representative for more info on our entire range.



HRNT95 FLOODLIGHT

WATTAGE: 80W - 300W
LUMENS: 9 900lm - 33 600lm
CT: 4 000K Std (other CT opt)
EXPLOSION PROTECTION: Global (IECEx)
IP: 66
DIFFUSER: Toughened Glass
MATERIAL: Aluminium Alloy
HAZLOC: Zone 2 & 22



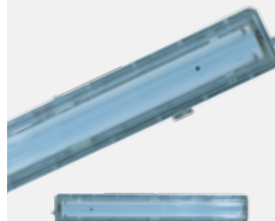
MV01 - PORTABLE AREA LIGHT

WATTAGE: 23W
LUMENS: 3 398lm
CT: 4 000K Std (other CT opt)
LIFETIME: 100 000 Hours
IP: 65
DIFFUSER: Polycarbonate Lens
MATERIAL: Aluminium
HAZLOC: Zone 0



HRD91 LED SERIES

WATTAGE: 30W - 100W
LUMENS: 3 150lm - 10 800lm
CT: 4 000K Std (other CT opt)
EXPLOSION PROTECTION: Global (IECEx)
IP: 66
DIFFUSER: Toughened Glass
MATERIAL: Aluminium Alloy
HAZLOC: Zone 1, 2, 21 & 22



BAY51-Q

WATTAGE: 18W - 36W
LUMENS: 1 300lm - 6 500lm
CT: 4 000K Std (other CT opt)
EXPLOSION PROTECTION: CENELEC IEC, NEC
IP: 66
DIFFUSER: Polycarbonate
MATERIAL: Glass fiber reinforced polyester (GRP)
LAMP: T8 tube
HAZLOC: 1, 2, 21 & 22

Notes

[illegible]

MAGNITECH - BENCHMARKING THE STANDARD OF **QUALITY**



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