





POLE CATALOGUE



| Pole design | BS EN 40-2:2004 |
|-------------|----------------------|
| Material | BS EN 10025, S275 |
| | JIS G3101, SS400 |
| Welding | BS 5135 |
| Galvanizing | BS 729 ISO 1461:2009 |
| | ASTM A123 |



UNIKPOLE (LIGHTING POLE)

UNIKPOLE have international standard performance, providing high quality and high reliability, improving safety and night visibility. Our UNIKPOLE is proudly manufactured in Brunei Darussalam. We offer a wide range of styles and sizes to create the ideal lighting poles that meet your needs.

Our lighting poles are DES approved and have undergone trials and tests to ensure their strength, durability, and reliability are unparalleled. We only use first-rate materials in fabricating the poles and galvanizing them to give the poles a beautiful finish. Our engineers strictly follow industry standards, giving you the confidence to know that your poles will last for years to come.

Our UNIKPOLE are:

Certified by SIRIM QAS International Sdn Bhd Approved by Department of Electrical Services (DES)

Technical Specification

- The columns are designed to withstand wind speed of 35 m/s topography ground roughness and statistical factor of 10.
- Columns are manufactured in compliance with British Standard BS EN 40-2:2004.
- Lighting column are by automatic continuous metal inert gas (MIG) process.
- DES Product / Manufacturer approved.

Corrosion Protection

The poles are supplied with various types of protection against corrosion.

- Hot dip galvanizing in compliance with British Standard BS EN ISO 1461:2009 and American Society for Testing and Materials ASTM A123.
- Paint coating is available upon request, using anti-rust liquid or powder paint.

Lighting poles provide security and safety for those driving on the road or those walking or cycling nearby. Effectively spaced lighting poles eliminate dark spots and alert people of other potential hazards or obstacles like potholes, ongoing road constructions, cyclists and even passersby.

<u>Options</u>

- Body: Octagonal or Tubular
- Height: 3.5 m to 20 m
- With lap or without lap (applicable to UNIKPOLE above10 m).
- Section: Single or Double
- Arm type: Curved or Short
- Arm length: 0.125 m to 1.5 m
- Spigot size: 35 mm to 60 mm
- Installation type: Planted or Flanged

UNIKPOLE Accessories

- Spigot
- Anchor bolt



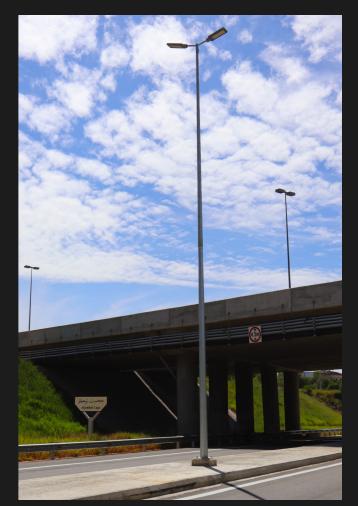






Applications

- Highways
- Residential areas
- Commercial areas
- Parking lots





POLE CATALOGUE TELECOM POLE DECORATIVE POLE

UNIK is the only manufacturer of telecom poles in Brunei Darussalam. From our standard range of telecom poles through to the most detailed and heavily loaded structures you could possibly need.

The engineering and raw materials that go into our structures are second to none and you have the comfort of knowing your structures are backed by the experience and reputation of UNIK.

Options

- Height: 6 m, 7.3 m, 7.9 m

Pole Accessories

- Rings
- Steps
- Cap
- Base plate





DISTRIBUTION POLE



Pole Accessories

- Base plate - Eye bolt - Cap

UNIK's distribution poles are manufactured with the highest quality material, and hot dip galvanized to coat the poles for the best protection. UNIK strives for excellence so we offer various distribution pole sizes that suits your requirements.

The strength, durability and reliability of our distribution poles are validated and certified through numerous tests conducted on an international scale. These tests assures the poles are of the highest standard coupled with the best resilience.

<u>Options</u> - Height: 28ft or 35ft



UNIK's high mast pole stands at an impressive height of 20 m. These poles are multipurpose; they function as stadium mast poles, floodlight poles, and even signage poles.

With height reaching 20 m, high mast poles can provide high and intense lighting concentration to light up large areas efficiently in specific directions. Such height also allows signages to be visible to the eye from a far distance.

<u>Options</u>

Height: up to 20 m

Pole Accessories

- Bracket - Anchor bolt





Other than our main product, UNIKPOLE, UNIK also manufactures decorative poles which provide an upscale aesthetic to both residential and commercial areas.

If you are looking to customize trendy, modern type of poles or want to stick to the classic, vintage style poles, UNIK can deliver custom and unique concepts to meet your requirements.

Options

Height: 3.5 m to 20 m Design: Custom design*

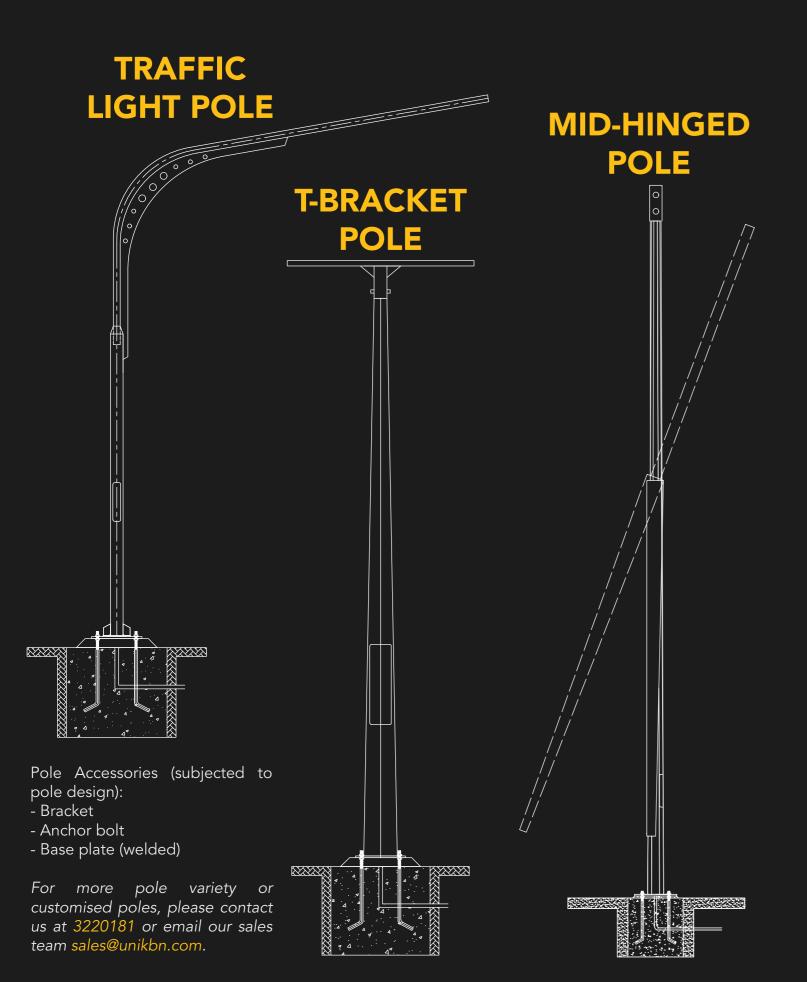
*Customers may provide own design or request for a custom design from UNIK.

HIGH MAST POLE





POLE CATALOGUE



Other miscellaneous poles include, but are not limited to:

MONOPOLE **SOLAR POLE ADVERTISING POLE FLAG POLE**

Technical specifications for all UNIK poles

- The columns are designed to withstand wind speed of 35 m/s topography ground roughness and statistical factor of 10.
- Columns are manufactured in compliance with British Standard BS EN 40-2:2004.
- Lighting column are by automatic continuous metal inert gas (MIG) process.
- Materials used for column manufacturing are of British Standard BS EN 10025, S275 / JIS G3101, SS400.
- Welding are in compliance with British Standard BS EN 5135.
- Galvanized coating are in compliance with British Standard BS EN 729 ISO 1461:2009 and American Society for Testing and Materials ASTM A123.
- DES Product / Manufacturer approved.

Corrosion Protection

The poles are supplied with various types of protection against corrosion. - Hot dip galvanizing in compliance with British Standard BS EN ISO 1461:2009 and American

- Society for Testing and Materials ASTM A123.
- Paint coating is available upon request, using anti-rust liquid or powder paint.

Benefits

Car and Pedestrian Safety

Lighting poles provide security and safety for those driving on the road or those walking or cycling nearby. Effectively spaced lighting poles eliminate dark spots and alert people of other potential hazards or obstacles like potholes, ongoing road constructions, cyclists and even passersby.

Flexibility

Height range meets various application needs and provide functional products for all environment.

Longevity

Last longer than any other material alternatives including wood, plastic and competing metal products.

Maintenance-free

Galvanized coating provides endurance and protection from corrosion.







One-stop metal solution that gives steel a lasting life

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