

BrightSites

by Signify

Smart Poles Solution for Smart Cities



SmartPole G1 - UrbanWit

The innovative smart pole system UrbanWit has all you need to improve your city in a single pole. From enhanced broadband connectivity, surveillance cameras, environmental monitoring with IoT sensors, you can lead the transformation to a smarter, connected, safer and healthier city with the help of smart pole. UrbanWit is remarkably compact, simple to install, cost-effective to operate, reliable and expandable in the future.



Features & benefits

Elegant, multi-functional design

- Based on standard base unit, available in a choice of styles, heights and colours.
- Customized mid-pole feasible.

Concept revolution for fast scalable deployment

- Pre-setting of high integrated modularized IOT units, for easier and standardized installation
- Pre-setting in the factory
- High voltage and low voltage electricity separately
- Layer IOT units
- Tidy wiring

Connectivity to the smart city

- All IOT devices for smart city are connected and controlled by smart controller

Safe, Reliable & User-friendly

- Pass professional testing to ensure all the loading according to static loadings requirement, windage
- Ventilation slot on the base unit to ensure the heat dissipation from the electrical devices.
- Waterproof
- Surge Protection 10KV in Philips luminaires
- Over loading/over-voltage protection
- Leak-voltage protection
- Anti-theft cable protection
- Different Layers of Authority of Access
- Anti-Hack attack Protection in network set up



Application

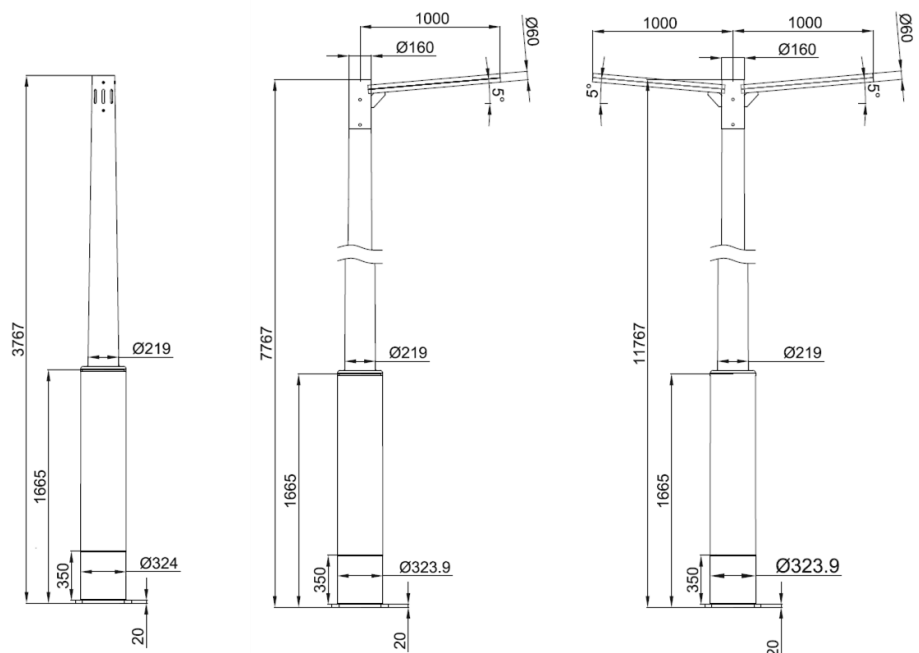
- Campus and Landscape (4m Pole)
- City Road (8m/12m Pole)

Product Specification

Pole Hight	4-8-12m Standard
Base Diameter	324mm
Style	Stepped with tapered and straight mid-pole
Color	<ul style="list-style-type: none"> • Moss green (RAL 6005) • Fir green (RAL 6009) • Yellow green (RAL 6018) • Light grey (RAL 7035) • Traffic grey B (RAL 7043) • Jet black (RAL 9005)
Pole Material	Hot dip galvanized steel with aluminum panels. Finish: Powder Coat Mid pole – steel 4mm wall thickness
Regulatory standards	EN-40.EN-1991-1-4
Base	Suitable for outdoor rated equipment. Ventilation openings for noiseless passive cooling Thermally optimized equipment configurations available (other configurations on request)
Foundation	Suitable for pour-in-place foundations Suitable for mounting on pre-casted foundations
Enabled for	5G installation flange
limit windspeed	36m/S

Dimensions

Unit: mm



Product Pictures



PBU Base Unit



MPS Mid-Pole
2M Steel



MPS Mid-Pole
6M Steel



MPS Mid-Pole
10M Steel

Ordering Code

SmartPole part	12NC	SAP name
Pole Base Unit	9114 017 01203	PBU Base Unit
	9114 017 01213	MPS Mid-Pole 2M Steel
Mid pole - Steel	9114 017 01223	MPS Mid-Pole 6M Steel
	9114 017 01233	MPS Mid-Pole 10M Steel
Pole Control Unit	911401701263	PMA-S LED Display Bracket Structure L
	911401701273	PMA-S Camera Bracket Structure