



CHANGING BELLS FOR TREES for a positive visual effect in urban centres. SmartPalmTrees transform the aesthetics of large avenues by forming beautiful palm trees that facilitate the installation of efficient lighting and act as a support for other smartcity applications: advertising displays; cameras and sensor networks for traffic regulation, security or environment; wifi antennas; radio; telephony or public address systems.

Smart and profitable: The installation of a SmartPalmTree has the same cost as the planting of a natural palm tree and, in addition, the recovery of the investment is viable thanks to the option of adding LED displays that enable the exploitation of advertising via concession.

The structure is made of steel and can withstand strong gusts of air up to 145km/h.



PRODUCT PROFILE

Manufacturer: EOS Ibérica Group.
Origin: Manufactured and assembled in China.
Production:
 > 8 weeks (estimated time).
Structure:
 > 4mm Q345B steel.
Body: > Hollow dodecagon with conical shape:
 > Conical shaped hollow dodecagon.
Coating:
 > Textured polyester resin.
Doors:
 > High: for Pc and sensors.
 > Low: for register.
Dimensions: > 8 metres high:
 > 8 metres high.
Structural weight:
 > 600 Kg.
Use:
 > Indoor.
 > Outdoor.

STANDARD SPECIFICATIONS

Standard model Coconut palm tree of 8 m.:
Body: 200/290 mm diameter conical tube.
Firm: 8 concrete slab rods (1 M3).
Anchoring: 540 mm circular base with 8 screws.
Trunk: straight, conical-shaped stem.
Bark: textured polyester with scars.
Flange: simulation with natural fibres.
Crown: 30 palm leaves in 3 sizes.
Fruit: set of coconuts of various sizes.
Bud: lightning rod with earth connection.
Roots: simulation of roots according to model.
Finish: natural varnishes with matt waxes.

OPTIONAL COMPONENTS

In addition to the standard 8m Coconut Palm, other palms and trees are available:
Coconut:
 > Artificial palm tree of 8, 12, 25 metres.
Canaria:
 > Artificial palm tree of 8, 10 and 12 metres.
Royal Palm:
 > Artificial palm tree of 6 and 8 metres.
Alexandra:
 > Artificial palm tree of 4 and 6 metres.
Pine tree:
 > Artificial tree of 4 and 6 metres.
Fir tree:
 > 25 metre artificial tree.
 Ask about the option of including communication towers.

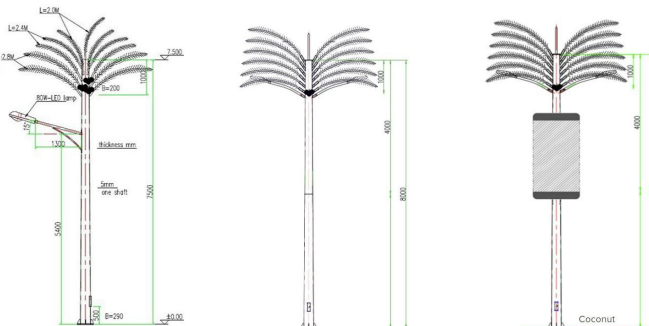
OPTIONAL ADAPTATIONS

Lamp bracket: extension tube for standard luminaires.
 Lantern or LED luminaire: Cree 30W+30W LED lamp in the shape of a leaf.
IP 65 waterproof enclosure for integration of electronics and sensors.
ePole LED:
 > High-definition LED display.
eMonitor Xtrem:
 > High-luminal LCD display.
Bracket or dome camera arm:
 > Camera for security or artificial vision.
 > Traffic regulation camera.
 > Radar.
Communications:
 > WiFi access point.
 > Telephone amplifier antenna.
 > Radio station.
 > Signal repeater.
 > IP65 loudspeakers for public address system.

PRODUCT VALUES

- > Mimetisation and adaptation to the environment.
- > Economical product and recoverable investment.
- > High durability with hardly any maintenance.
- > No need for watering or pruning.
- > Minimises visual and aesthetic pollution.
- > Absolute resistance to pests: weevil beetle, red weevil, yellow worms...
- > Easy access to installation and registration doors.

PRODUCT SIZES AND PRODUCT VERSIONS



MOST COMMON APPLICATIONS

- > Smartcity.
- > Public and private lighting.
- > Radio and TV repeaters.
- > Security cameras.
- > Road safety and radars.
- > Public address systems.
- > WiFi and telephone antennas.
- > Air quality monitoring.
- > Noise pollution meter.
- > Advertising and digital signage support.

ALTERNATIVE REFERENCES

- > ePole
- > ePie Xtrem

MOST COMMON SECTORS

- > Construction and civil works (housing developments, business parks, squares and gardens, circuits, roads...).
- > Public Administration and City Councils.
- > Logistics and transport.
- > Airports, seaports and stations.
- > Tourism, hotels and restaurants.
- > Communication, advertising and marketing.
- > Commerce (shopping centres, petrol stations).

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