

SUBLIMATION

Wood Pole Finishes

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By offering surface treatments and wood finishes for its street lighting poles, Ragni allows you to characterize your sets to create coherent and harmonious projects.

The wood finishing “sublimation” technique is ideal for instilling true-to-life wood species while durably protecting your equipment from environmental wear-and-tear and external impacts.

Applicable to all our masts and a wide variety of lighting bollards, this eco-friendly process is fully carried out in our in-house production facilities. With 4 to choose from, these tints are a major aesthetic asset to bring elegance, originality and sustainability to your public lighting sets.

Strong and Durable

4 Wood Species:
Elm, Walnut,
Pine, Kentucky

Maximum Application Length: 8 Meters

Wood Finishing Process

① Step One: Preparation of the Pole Surface
Manual and Chemical Pickling, Degassing

Compatible Poles

Compatibility of the sublimation process depends on the shape and size of the pole. Ragni offers a wide variety of masts and summarizes their compatibility with the sublimation process below.

① Square or Rectangular Poles
Sublimation is available on poles up to 8 meters (26' 3") in height.

① Curved Poles
Sublimation is available on poles up to 6 meters (19' 8.6") in height when bent less than 500mm (19.69") from vertical. Consult factory for final determination.

19.69" max.

Any brackets must be dismantlable; brackets are not compatible with the sublimation process.

① Round Poles
Sublimation is available on poles up to 8 meters (26' 3") in height.

① Round Tapered Poles
Sublimation is available on poles up to 8 meters (26' 3") in height.

① Angled Poles
Not compatible.

① Octagonal Tapered Poles
Sublimation is available on poles up to 8 meters (26' 3") in height.

① Poles with Welded Brackets
Not compatible.

① Flow Formed Poles
Consult factory for determination.

① Traditional Cast Iron Poles
Not compatible.

① Stepped Poles
Consult factory for determination.

Brackets are not compatible.

② Step Two: Powder Coating

Electrostatic Spraying of a Thermosetting Polyester Powder Coating

③ Step Three: Polymerization

Occurs between 356°F and 392°F

⑤ Step Five: Hot Stamping

Occurs between 356°F and 392°F

④ Step Four: Transfer Film

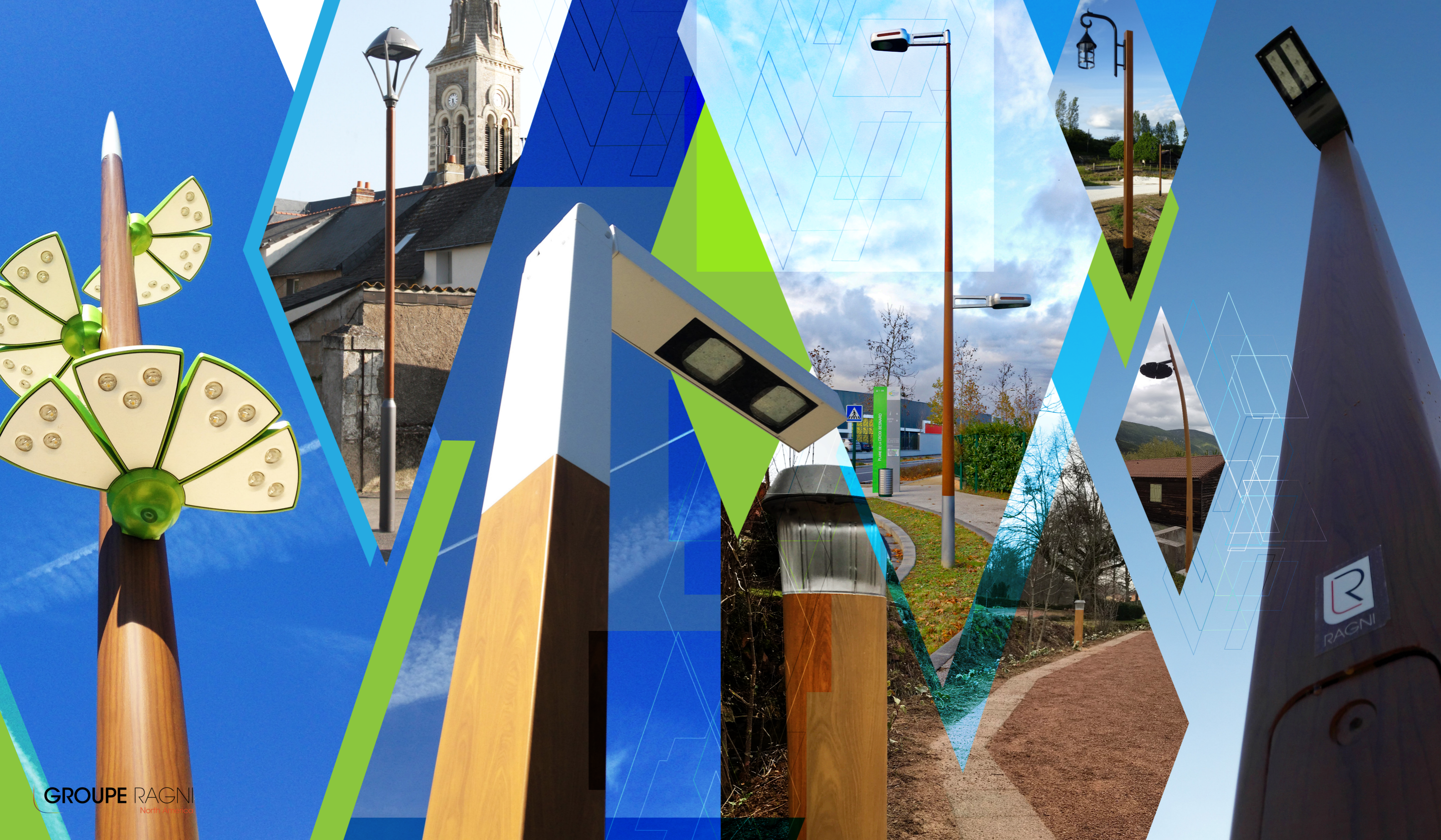
Transfer Film is Applied

Finishes



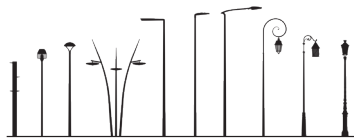
Images







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