

Steel Red Pole 050 060

Technical data

Conical pole in S235 steel, suitable for supporting single or double small brackets and pole arms.

STEEL RED POLE 050

mm 5.000



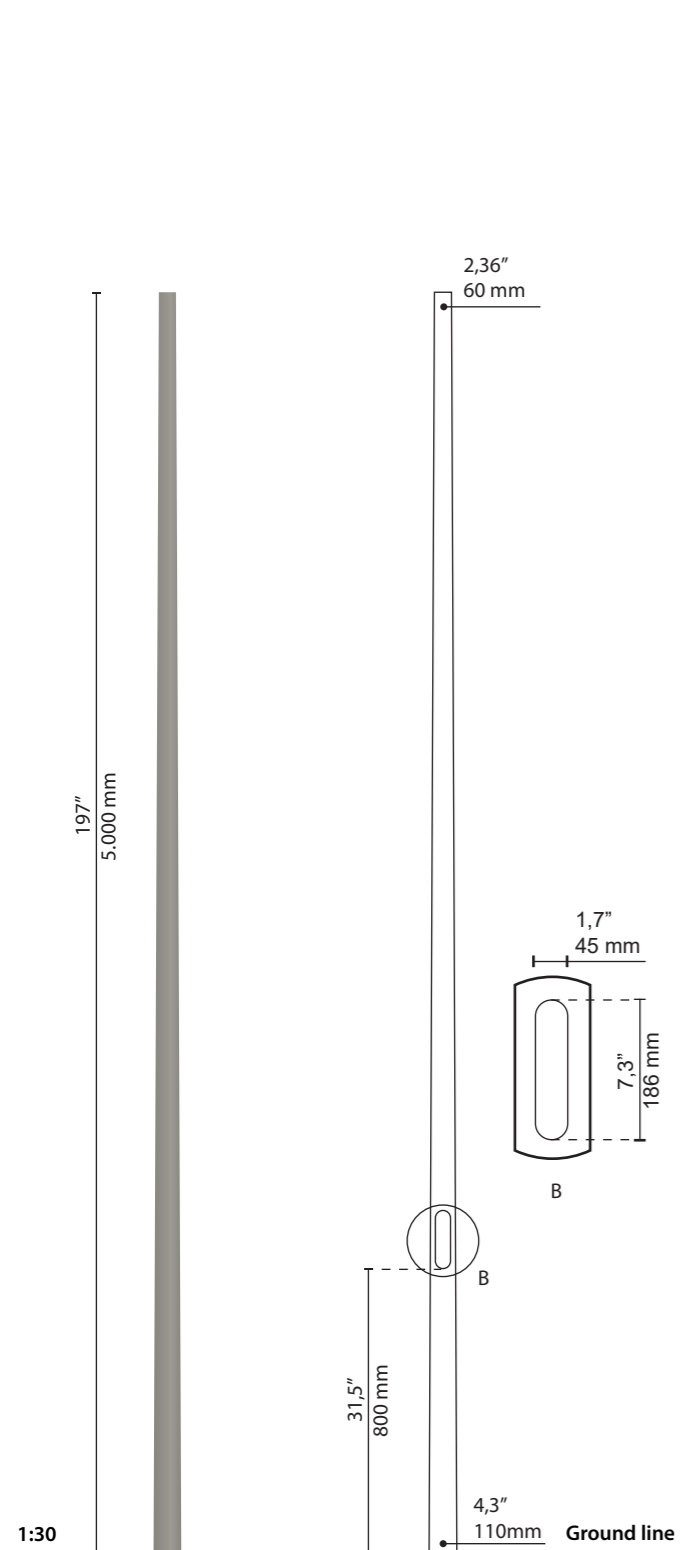
Flange
SRP050_F

kg 32Kg



Foundation
SRP050_M

kg 36Kg



STEEL RED POLE 060

mm 6.000



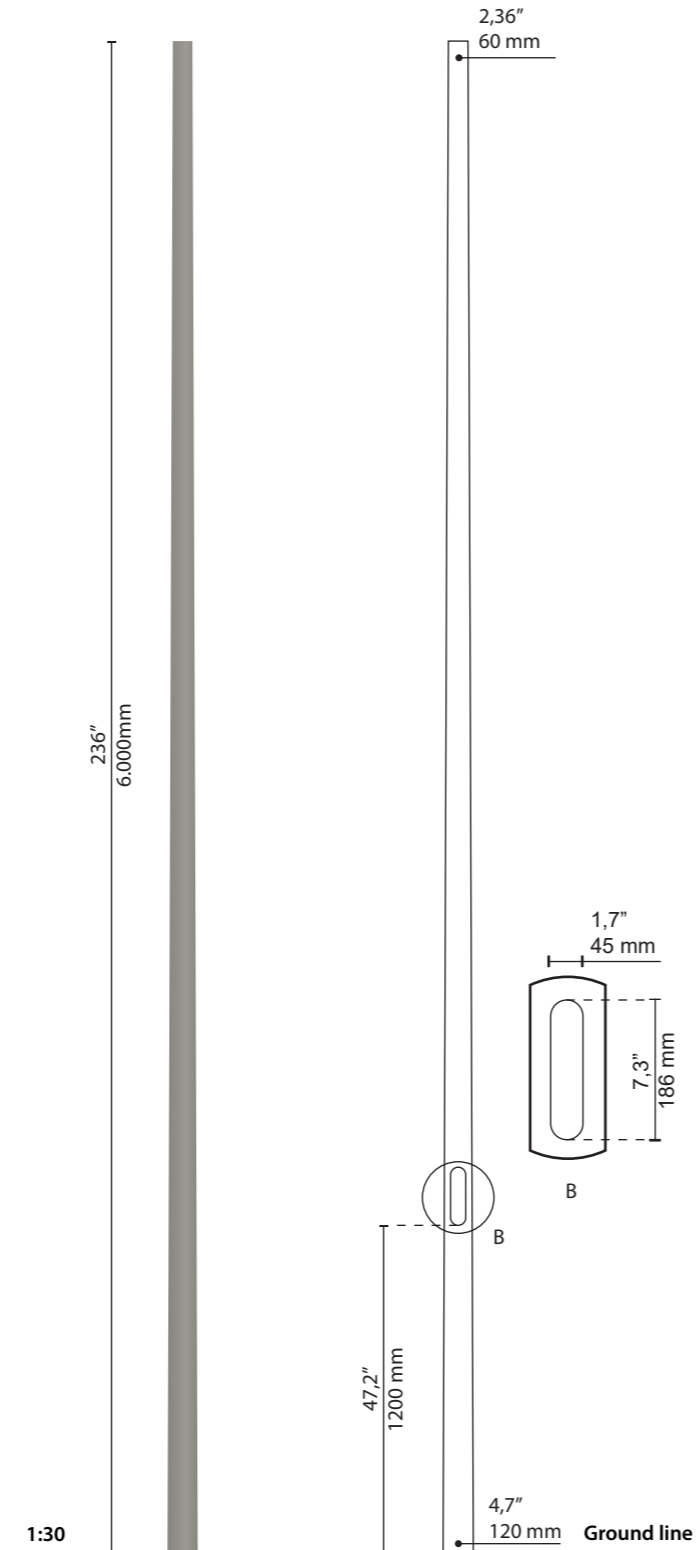
Flange
SRP060_F

kg 44Kg



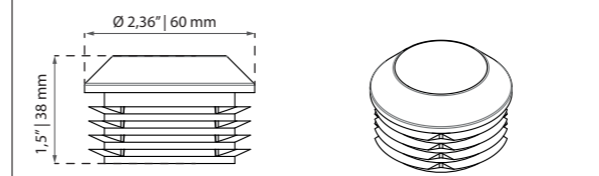
Foundation
SRP060_M

kg 48Kg



Tops

Standard



MATERIALS

Pole:

Steel S235 - Hot Galvanized | UNI EN 10219 - EN1461

Color:

GMR Light

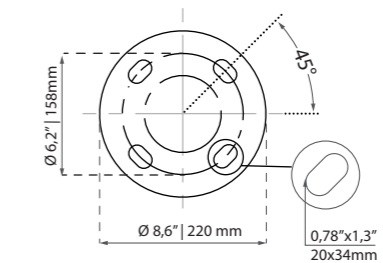
TERMINAL BLOCK 4x16MM²

Smooth fitting door



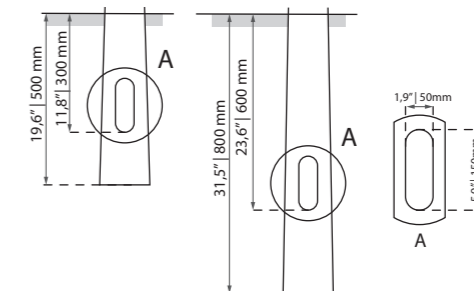
ANCHORAGE TYPE

Flange



Foundation

Supplied heat-shrink sleeve

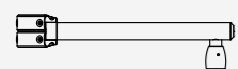


Steel Red Pole 050 060

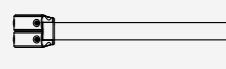
Guide to compositions

Below are the possible combinations for the compositions that include the posts of this datasheet.

BRACKETS



Steel line straight small A



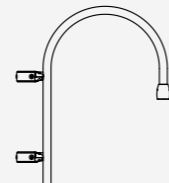
Steel line straight small B



Steel line inclined small A



Steel line inclined small B



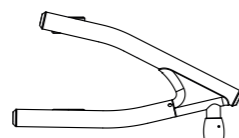
Steel air small



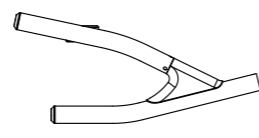
Steel soft small A



Steel soft small B

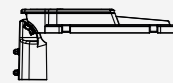


Steel fork small A

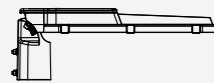


Steel fork small B

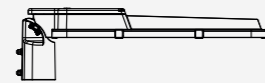
POLE TOP FIXTURE (ONLY 050 POLE)



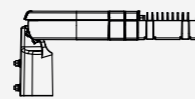
Orn 400



Orn 500



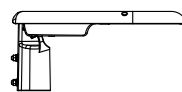
Orn 600



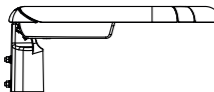
Izar 400



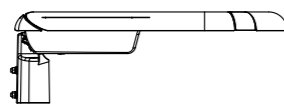
Izar 500



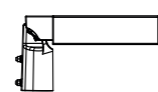
laFoglia small



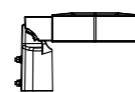
laFoglia medium



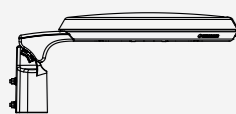
laFoglia large



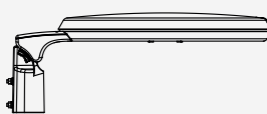
Hulla



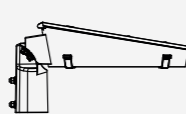
Esa



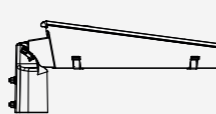
Vesta B small



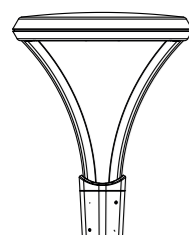
Vesta B large



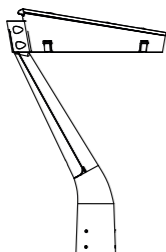
Virgo B 400



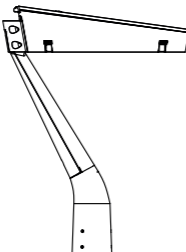
Virgo B 500



Vesta C



Virgo C 400



Virgo C 500

Protection cycles

GMR ENLIGHTS works with cast iron, steel and aluminum. The materials are selected and processed to maximize performance and quality.

Protection of galvanized steel surfaces for poles

The protection of galvanized steel elements is achieved by following steps:

- Micro sandblasting;
- First epoxy layer application followed by: Wilting > Drying > Cooling;
- Acrylic glaze layer application followed by: Wilting > Drying > Cooling;
- Packing at least after 24-hour-drying at room temperature.

Protection of galvanized steel surfaces for brackets and pastorals

The protection of the galvanized steel elements is achieved thanks to:

- Micro sandblasting;
- Phosphoric pickling bath at a pH level ranging from 1.5 to 3;
- Rinsing with demineralised water;
- First powder layer application;
- Kiln firing;
- Application of a final powder layer;
- Kiln roasting of the final powder layer at 180°C (356°F);
- Cooling.

Protection of cast iron surfaces for bases

The protection of cast iron elements is achieved by the following treatments:

- Surface micro shotblasting;
- Mono-component dip galvanizing followed by: Wilting > Drying > Cooling;
- Epoxy micaceous primer application followed by: Wilting > Drying > Cooling;
- Acrylic enamel application followed by: Wilting > Drying > Cooling;
- Packing at least after 24-hour-drying at room temperature.

Protection of die-cast aluminium surfaces for lighting fixtures, tops, collars, brackets and pastorals

Lighting fixtures, brackets, pastoral, and die-cast accessories undergo a cycle of powder painting which creates a barrier against the corrosion of metal parts. Moreover this barrier makes the finished product comply with design specifications in terms of surface roughness, color and reflectance.

The cycle consists of the following steps:

- Micro sandblasting;
- Hot pickling bath in a zinc-based phosphodegreasing solution;
- Specific process for the preparation of surfaces before painting;
- Washing with water;
- Rinsing with demineralised water and subsequent drying;
- First powder layer application followed by kiln baking at 180°C (356°F);
- Final powder layer application using a High Durability product and final kiln roasting at 180°C (356°F).

GALVANIZED STEEL

CAST IRON

DIE-CAST ALUMINIUM



Salt spray test

The top quality of such treatments is confirmed by salt spray tests performed in accordance with standard ISO 9227:2017 Neutral Salt Spray test (NSS). The test was carried out for 8.000 hours at 35°C (95°F) and demonstrated through the report test released.



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