

**PRODUCT DATA SHEET**  
**EARLY STREAMER EMISSION AIR TERMINALS**

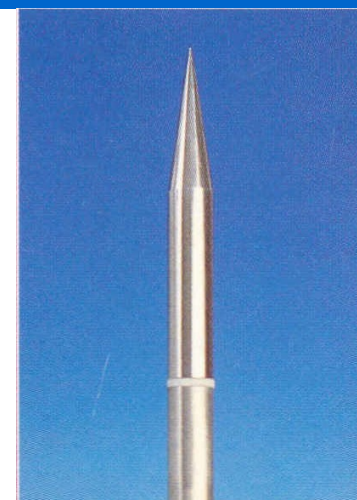
**Code: 60 23 045**

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**Description: CIRRUS 1 lightning rod**

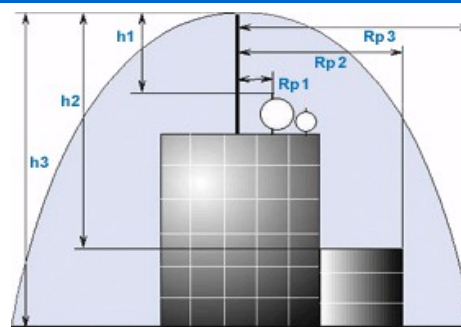
**Description**

Early streamer emission air terminal CIRRUS 1. Its internal electrical circuit has been developed to be simple and free of maintenance and is protected by a spark gap. Being vertical and made of an adapted material, pollutants are not able to accumulated and the spark gap is then self-cleaning. The CIRRUS will then work even in case of rain(very frequent in times of storms). The body and tip are made of stainless steel, for a longer life even in a corrosive atmosphere. Its design makes it very discrete and able to be set up on every structure without damaging aesthetics. In addition its small diameter (28mm) offers a minimum surface against wind pressure.



**Radius of protection**

h(m)	NP1	NP2	NP3	NP4
2	17	23	26	28
3	25	34	39	42
4	34	46	52	57
5	42	57	65	71
6	43	58	66	72
10	44	61	69	75
15	45	63	72	78
20	45	65	75	81
45	45	70	84	89
60	45	70	85	90



NP : Level of protection calculated as per ANNEX B of NFC 17-102 standard.

h(m) : Height of the lightning rod above the place to be protected (at least equal to 2m)

Installation of the CIRRUS lightning rod must fulfill the requirements of standard NFC 17-102.

**Testing**

Qualification tests have been carried out according to standard NFC 17-102, at Electrical Engineering high voltage laboratories of CEGELY (UMR CNRS 5005) in Lyon France, with a protocol validated by APAVE.

**Manufacturing Quality Control**

Manufacturing quality control according standard ISO 9001

**Country of Origin**

Greece

**Unit: piece / Package: 1 piece**

We reserve the right to introduce changes in the component due to technical evolution.