



# **15m KAPU Passively Safe Lighting Column (100,HE,1)**

**NAL SOCKET VERSION**

In compliance with the Directive 89/106/EEC of the Council of European Communities of 21 December 1988 on the approximation of laws, regulations and administrative provisions of the Member States relating to the construction products (Construction Products Directive - CPD), amended by the Directive 93/68/EEC of the Council of European Communities of 22 July 1993, it has been stated that the construction product

**Lighting columns KAPU**  
**Performance under vehicle impact (passive safety)**

High energy absorbing KAPU-HE pole, Annex 1  
Installation in pre cast concrete element or cast in-situ foundation or with flange plate.

Non-energy absorbing pole KAPU-NE pole, height 2 – 15 m, class 100, NE, 2.  
Installation in pre cast concrete element or cast in-situ foundation.

placed on the market by

**Sähkö-Jokinen Oy**  
Rauhalammintie 13  
FI-29600 NOORMARKKU

and produced in the factory Noormarkku, Finland

is submitted by the manufacturer to a factory production control and to the further testing of samples taken at the factory in accordance with a prescribed test plan and that the notified body Inspecta Sertifiointi Oy has performed the initial type-testing for the relevant characteristics of the product, the initial inspection of the factory and of the factory production control and performs the continuous surveillance, assessment and approval of the factory production control.

This certificate attests that all provisions concerning the attestation of conformity and the performances described in Annex ZA of the standard

**EN 40-5:2002**

were applied and that the product fulfils all the prescribed requirements.

This certificate was first issued on **2006-11-03** and remains valid as long as the conditions laid down in the harmonised technical specification in reference or the manufacturing conditions in the factory or the FPC itself are not modified significantly. The validity of the certificate can be checked on the Internet at [www.inspecta.fi](http://www.inspecta.fi).

Decision on certification 2011-01-19

Helsinki 2011-01-19



Anne Qvintus, Managing Director



**Inspecta Sertifiointi Oy**  
P.O. Box 113, Porkkalankatu 13 G  
FI-00181 Helsinki, Finland  
Tel.+358 10 521 600  
Fax +358 10 521 6211

# KAPU 15m Passively Safe Lighting Column Datasheet

Ref: EN 40-5:2002, EN 40-3-1:2000, EN 40-3-3:2004, EN 12767:2007 (Performance Class 100,HE,1)

Manufacturer:  
Sahko-Jokinen Oy  
Rauhalammintie 13, FI-29600  
NOORMARKKU FINNLAND

## GENERAL

DIAMETER OF PLANT PART OF COLUMN 218mm

NOMINAL HEIGHT 15 m

DEFLECTION MAX 10%

COLUMN MATERIAL STEEL DOCOL EN ISO 1461

MATERIAL FINISH GALVANIZED TO EN ISO 1461

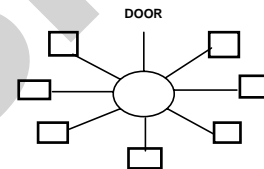
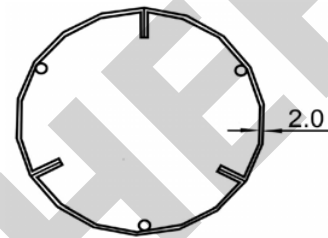
MATERIAL DESIGN STRENGTH 280 N/mm<sup>2</sup>

DOOR OPENING SIZE 400\*95 mm

TRAFFIC SIGN ALLOWED FOR IN DESIGN 0.3m squared/offset 0.3/shape square

COLUMN WEIGHT 170 kg

CROSS SECTION  
BASE COMPARTMENT



## FOUNDATION DETAIL

CUT TO SUITE NAL SOCKET

## LANTERN AND BRACKET DATA

### POST TOP

POST TOP DIAMETER 76

LANTERN MAXIMUM WEIGHT 20 kg

BRACKET WEIGHT 43 KG

### SINGLE ARM BRACKET

DIAMETER AT LANTERN FIXING POINT 60 mm

LANTERN MAXIMUM WEIGHT 20 kg

BRACKET PROJECTION (M)	WEIGHT
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0.2	44 kg
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1.0	47 kg
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1.5	51 kg
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### DOUBLE ARM BRACKET

DIAMETER AT LANTERN FIXING POINT 60 mm

LANTERN MAXIMUM WEIGHT 20 kg

BRACKET PROJECTION (m)	WEIGHT
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1.0	59 kg
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1.5	67 kg
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### ALL BRACKETS

MATERIAL GRADE S355  
DESIGN STRENGTH 355 N/mm<sup>2</sup>  
GALVANIZED TO EN ISO 1461

### PLEASE NOTE

LANTERN WEIGHTS AND  
BRACKET ARM  
OUTREACH MUST BE  
CHECKED FOR LOCATION  
AND TERRAIN