

EXTENSION n. 01/14

to EC-Type Examination Certificate CESI 13 ATEX 018X

Equipment: Fixed luminaire with tubular fluorescent lamp, type "AGFA.14"

Manufacturer: Protaş Proje, Mühendislik İnşaat Elektrik Sanayi ve Ticaret A.Ş.

Address: Örnek Mahallesi Fehmi Tokay Caddesi
Göztepe Plaza No:12 Kat:3 D:6
Ataşehir İstanbul
TURKEY

Admitted variation

- Update to new edition of EN60079-0: 2012 standards.
- New lamp model with LED tube "AGFA.14-LED".
- Degree of protection IP66 with use of silicon grease on all joint.

Description of equipment

Fixed luminaire with LED tube, model "AGFA.14-LED", with integral lampholder, have a built-in the led driver. Light-transmitting cover is made of borosilicate glass and the luminaire body is made of grey cast iron; connection to external circuits is made by means of cable coupler device.

The meaning of the identification code is the following:

- AGFA = name of the product type
- 1 = quantity of tubular lamp:
1 = no. 1 tubular lamp
- 4 = wattage:
4 = 40 [W] led
- LED = Tubular led tube

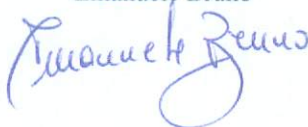
This extension and annexed descriptive documents must be annexed to the EC-Type Examination Certificate CESI 13 ATEX 018X.

This document may only be reproduced in its entirety and without any change.

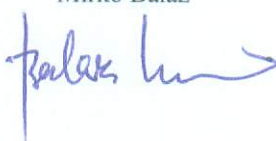
Date 15th December 2014 - translation issued the 15th December 2014

Prepared

Emanuele Bruno


Verified

Mirko Balaz


Approved

Fiorenzo Bregani

CESI S.p.A.
Testing & Certification Division
Business Area Certification
Il Responsabile
Fiorenzo Bregani

Page 1/3

EXTENSION n. 01/14

to EC-Type Examination Certificate CESI 13 ATEX 018X

The luminaires "AGFA.14" and "AGFA.14-LED" are constructed according to the following standards:
EN 60079-0: 2012 - General requirements
EN 60079-1: 2007 - 'd' flameproof enclosure.

Lighting appliances, to ensure the degree of protection IP66, must have all joints protected by silicon grease.

The equipments must be marked as follows:

 I M2 Ex d I Mb IP 66

The new model, "AGFA.14-LED, is equipped with LED tube, power 40 W.

Electrical characteristics

- rated voltage: 220 - 240 [V~] ± 5%
- rated frequency: 50 [Hz]
- rated wattage: 1 x 40 [W]
- ambient temperature: -20 ÷ +40 [°C]

Warning label

- *Do not open when energized*
- *Do not separate when energized*
- *Use screws according to ISO 898-1:2009 with standard quality 8.8*
- *When opening the ballast body, before replacement protect the surface of the joints with silicon grease.*

Report n. EX- B4028492

Routine tests

The manufacturer shall carry out the routine tests prescribed at clause 16 of the EN 60079-1 standard.

The routine overpressure test shall be carried out with static method (par. 15.1.3.1 of EN 60079-1) at 660 kPa.

EXTENSION n. 01/14

to EC-Type Examination Certificate CESI 13 ATEX 018X

Descriptive documents (prot. EX- B4028494)

document ID	title	page	rev.	date
	Addendum File Technical File AGFA.14-LED	1	3	12.12.2014
		1/01	3	12.12.2014
		1/02	3	12.12.2014
		1/03	3	12.12.2014
AI.005.040	Addendum 2-Technical Drawings	1	3	12.12.2014
		1/3	-	12.12.2014
		2/3	-	12.12.2014
		3/3	-	12.12.2014
ET.001.038	EX IP66 warning label	1/1	-	12.12.2014
Fac-simile	Dichiarazione di conformità	-	-	-

One copy of all documents is kept in CESI files.

Special conditions for safe use (X)

The equipment has been verified for low risk of mechanical danger;

Information as regard of use, installation, repair and maintenance of the equipment are included within the safety instructions; the filling compound of the cable-coupler shall be performed according to the manufacturer's instructions;

The luminaires are connected in line one to other. The outgoing cable-coupler of the last luminaire shall be closed by a blanking cover;

The flamepaths are specified in the manufacturer's drawings. For information regarding the dimensions of the flameproof joints, the manufacturer shall be contacted.

Essential Health and Safety Requirements

The Essential Health and Safety Requirements are assured by compliance to the following standards:

- EN 60079-0: 2012 Explosive atmospheres – Part 0: Equipment - General requirements;
- EN 60079-1: 2007 Explosive atmospheres – Part 1: Equipment protection by flameproof enclosure “d”.