

A R Edwards
BSc CEng MITE
Chartered Engineer
Tel: 01384 374695
Mobile: 07977 267093
E mail: alfedwards@blueyonder.co.uk

172 Norton Road
Norton
Stourbridge
West Midlands
DY8 2RR



ATEX Examination Certificate

Certificate Number
05ATEXTFZT/01

This Certificate is issued for the electrical equipment:
Type ZT Floodlight

Manufactured and submitted by :
PFP Electrical Products Ltd
Birmingham
B33 0LB

The equipment must be designed and constructed in accordance with the specification set out in the attached schedule and referenced documentation.

This Certificate does not imply that the equipment meets all statutory requirements in any particular industry or application.

Directive:

ATEX Directive 94/9/EC

Standard:

EN50021:1999 (CAT 3)

Coding

CE  II 3 GD EEx nA II T4 X Tamb -20°C to +30°

This Certificate may only be used in its entirety and without change

Issue date:

20 August 2005

Report Numbers

Epsilon RETS(E)1400A/1, RETS(L)1400/A/2,
RETS(X)1085/A/1
TFZT/01

A handwritten signature in blue ink, appearing to read 'A R Edwards', is written over the printed name and title.

A R Edwards
Chartered Electrical Engineer

A R Edwards
BSc CEng MIEE
Chartered Engineer
Tel: 01384 872107
Mobile: 07977 267093
E mail: alfred.edwards1@btopenworld.com

163 Bridgnorth Road
Stourton
Stourbridge
West Midlands
DY7 6RY



ATEX Examination Certificate Schedule

Equipment Description

The Type ZT Floodlight comprises a cast metal body and hinged toughened glass diffuser/bezel assembly which are clamped together thus trapping a silicon sealing gasket. The enclosure contains a terminal connection facility, reflector, lampholder and also control components for Tungsten Halogen, SON, MBI or HPMV versions. The luminaire is suitable for either :-

1. 500W maximum Tungsten Halogen lamp
OR
2. 400W maximum high pressure sodium lamp (SON)
OR
3. 400W maximum Metal Halide lamp (MBI)
OR
4. 400W maximum High Pressure Mercury Vapour lamp (HPMV)

Rated at 250V maximum 50-60Hz

Drawings:

Number	Revision	Date	Title
LAB0071	1	16-08-05	Certification Label

Conditions of Certification:

None

Special Conditions of Certification:

None

Issue date:

20 August 2005

Report Numbers

Epsilon ETS1085, ETS1400, ETS1400/A/1,
ETS1587/A/1 & TFZT/01

A handwritten signature in black ink, appearing to read 'A R Edwards'.

A R Edwards
Chartered Electrical Engineer

A R Edwards
BSc CEng MIEE
Chartered Engineer
Tel: 01384 872107
Mobile: 07977 267093
E mail: alfred.edwards1@btopenworld.com

163 Bridgnorth Road
Stourton
Stourbridge
West Midlands
DY7 6RY



ATEX Examination Certificate Schedule

Variation 1

Equipment Description

The Type ZT Floodlight comprises a cast metal body and hinged toughened glass diffuser/bezel assembly which are clamped together thus trapping a silicon sealing gasket. The enclosure contains a terminal connection facility, reflector, lampholder and also control components for 150WSON version only at Temperature classification T4.

Rated at 250V maximum 50-60Hz

Drawings:

Number	Revision	Date	Title
LAB0071	1	16-08-05	Certification Label

Conditions of Certification:

None

Special Conditions of Certification:

None

Issue date:

28 May 2007

Report Numbers

Epsilon ETS1085, ETS1400, ETS1400/A/1,
ETS1587/A/1 & TFZT/01

A handwritten signature in blue ink, appearing to read 'A R Edwards', is written over a faint circular stamp.

A R Edwards
Chartered Electrical Engineer

Compliance Certificate

In accordance with
European Directive 89/336/EEC as Amended by European Directive 93/68/EEC
"EMC Directive"

European Directive 73/23/EEC as amended by European Directive 93/68/EEC
"Low Voltage Directive"

Date: 11th July 2005
Certificate Number: Epsilon 05TEST1418
Project Number: ETS1400
Report Number: RETS(E)1400/A/1 & RETS(L)1400/A/2
Manufacturer: PFP Electrical Products LTD
22 Fortnum Close
Mackadown Lane
Kitts Green
Birmingham
B33 0LB

Epsilon hereby declares that the Range of Luminaires:

ZT and 8 Series Range of Floodlights

Are in Compliance with the requirements of the listed directives.

Equipment Specification: The full product specifications are listed in reports number RETS(E)1400/A/1 & RETS(L)1400/A/2.

The following Harmonised European Standards have been applied:

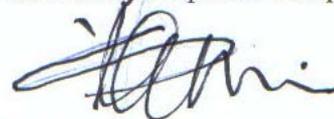
BS EN 55015: 2001 Limits and methods of measurement of radio disturbance characteristics of electrical lighting and similar equipment.

BS EN 61547: 1996 + Amendments No.1 Specification for equipment for general lighting purposes. EMC immunity requirements

BS EN 60598-1:2000 (Luminaires. General requirements and tests). Specifies general requirements for luminaires.

This Certificate May Only Be Used In Its Entirety and Without Change

On Behalf of Epsilon Compliance.



Stephen L D'Henin
Certification Manager
Epsilon Compliance





Declaration of Conformity

In accordance with EU Directives

European Directive 89/336/EEC "EMC Directive"

European Directive 73/23/EEC "Low Voltage Directive"

European Directive 94/9/EC "ATEX Directive"

Date: 20 August 2005

Report Numbers: Epsilon ETS1085, ETS1400, ETS1400/A/1,
ETS1587/A/1
TFZT/01

Manufacturer: PFP Electrical Products Ltd
Birmingham
B33 0LB

The manufacturer hereby declares that the product:

Type ZT Floodlight

To which this declaration relates are declared as being in compliance with the requirements of EU Directives 89/336/EEC, 73/23/EEC and 94/9/EC

Equipment specification: Listed in reports Epsilon ETS1400 & TFZT/01

The following Harmonised European Standards have been applied:

EN60598-1:2000, EN60598-2-5:2000, EN50021:1999, EN50281-1-1:1999, EN55015:2001, EN61547:1996 & EN61000 (various clauses).

This Declaration may only be used in its entirety and without change

On behalf of PFP Electrical Products Ltd

A R Edwards
Chartered Electrical Engineer