



**Greenstock**<sup>™</sup>  
THE GREENSTOCK LAMP COMPANY

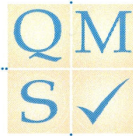


# ***Shatterproof Short Form & Data Sheets***





# Greenstock is an ISO 9001 Approved Company



QMS International plc

## Registration Certificate

This document certifies that the quality management systems of  
**THE GREENSTOCK LAMP COMPANY LTD INCORPORATING  
INCONNECT**

have been assessed and approved by QMS International plc to the  
following quality management systems, standards and guidelines:-

ISO 9001 : 2008

The approved quality management systems apply to the following:-  
GREENSTOCK - THE MARKETING & DISTRIBUTION OF SPECIALIST LIGHT SOURCES &  
ASSOCIATED LIGHTING PRODUCTS INCORPORATING  
INNCONNECT - THE SPECIALIST DESIGN AND MANUFACTURE OF CUSTOM MADE  
CABLES AND CONNECTORS

Original Approval: 25 September 1996

Current Certificate: 25 September 2011

Certificate Expiry: 24 September 2021

Certificate Number: GB 1233

On behalf of QMS International plc

This Certificate remains valid while the holder maintains their quality management systems in accordance  
with the standards and guidelines above, which will be audited by QMS International plc.  
*This Certificate is the property of QMS International plc and must be returned in the event of cancellation.*





## Single Banded Tubes to IEC61549

### Shatterproof T5 lamps ( Stock Lines ) FEP Coated



Wattage	Colours Available	Length	Size	Box QTY
14W	840	549 mm	T5	30
21W	840	849 mm	T5	30
28W	840	1149 mm	T5	30
35W	840	1449 mm	T5	30
39W	840	849 mm	T5	30
49W	840	1449 mm	T5	30
80W	840	1449 mm	T5	30

### Shatterproof T8 lamps ( Stock Lines ) FEP Coated



Wattage	Colours Available	Length	Size	Box QTY
18W	3500K	2 Foot	T8	25
36W	3500K	4 Foot	T8	25
58W	3500K	5 Foot	T8	25
18W	835/840	2 Foot	T8	25
30W	835/840	3 Foot	T8	25
36W	835/840	4 Foot	T8	25
58W	835/840	5 Foot	T8	25
70W	830/835/840	6 Foot	T8	25

### Shatterproof T5 lamps ( Made to Order ) FEP Coated



Wattage	Colours Available	Length	Size	Box QTY
14W	830/860	549 mm	T5	30
21W	830/860	849 mm	T5	30
28W	830/860	1149 mm	T5	30
35W	830/860	1449 mm	T5	30
39W	830/860	849 mm	T5	30
49W	830/860	1449 mm	T5	30
80W	830/860	1449 mm	T5	30

### Shatterproof T8 lamps ( Made to Order ) FEP Coated



Wattage	Colours Available	Length	Size	Box QTY
15W	830/835/840	18 inch	T8	25
18W	830/860	2 foot	T8	25
30W	830/835/840/860	3 foot	T8	25
36W 1 meter	830/835/840	950 mm	T8	25
38W	830/835/840	1050 mm	T8	25
58W	830/860	5 Foot	T8	25
70W	830/860	6 Foot	T8	25

## Single Banded Tubes to IEC61549

### Shatterproof T5 Eco lamps ( Made to Order ) FEP Coated



Wattage	Colours Available	Length	Size	Box QTY
25W	827/830/840/865	1149 mm	T5	20
32W	827/830/840/865	1449 mm	T5	20
45W	827/830/840/865	1149 mm	T5	20
50W	827/830/840/865	1149 mm	T5	20
73W	827/830/840/865	1449 mm	T5	20

### Shatterproof T8 lamps Eco ( Made to Order ) FEP Coated



Wattage	Colours Available	Length	Size	Box QTY
16W	830/840	2 foot	T8	25
32W	830/840	4 foot	T8	25
51W	830/840	5 Foot	T8	25
63W	830/840	6 Foot	T8	25

### Shatterproof T8 lamps Power Saver sets ( Made to Order ) FEP Coated



Wattage	Colours Available	Length	Size	Box QTY
12W = 18W	830/860	2 foot	T8	25
23W = 36W	830/835/840	4 foot	T8	25
37W = 58W	830/860	5 Foot	T8	25

## Double Banded Tubes

### Shatterproof T5 lamps ( Stock Lines ) PET Coated

Wattage	Colours Available	Length	Size	Box QTY
8W	3500K	12 inch	T5	25

### Shatterproof T8 lamps ( Stock Lines ) PET Coated



Wattage	Colours Available	Length	Size	Box QTY
18W	3500K	2 Foot	T8	25
36W	3500K	4 Foot	T8	25
58W	3500K	5 Foot	T8	25
18W	835/840	2 Foot	T8	25
30W	835/840	3 Foot	T8	25
36W	835/840	4 Foot	T8	25
58W	835/840	5 Foot	T8	25
70W	830/835/840	6 Foot	T8	25

### Shatterproof T8 lamps ( Made to Order ) PET Coated



Wattage	Colours Available	Length	Size	Box QTY
15W	830/835/840/860	18 inch	T8	25
18W	830/860	2 foot	T8	25
30W	830/835/840/860	3 foot	T8	25
36W 1 meter	830/835/840	950 mm	T8	25
38W	830/835/840/860	1050 mm	T8	25
58W	830/860	5 Foot	T8	25
70W	830/860	6 Foot	T8	25

### Shatterproof Service (Free Issue Tubes) offered on both FEP & PET Coating .

Size	Length	Box QTY
T8	2 foot	25
T8	3 foot	25
T8	4 foot	25
T8	5 foot	25
T8	6 foot	25
T12	2 foot	25
T12	4 foot	25
T12	5 foot	25
T12	6 foot	25
T12	8 foot	25

## Conforms to IEC61549

### Shatterproof Insect tubes ( Stock Lines ) FEP



Wattage	Colours Available	Length	Size	Box QTY
25W U-Tube	BL350	238mm	57mm width	25
11W PLL	BL350	233mm	45mm width	20
18W PLL	BL350	225mm	45mm width	20
22W Circuline	BL350	n/a	216mm Diameter	10
8W T5	BL350	12 inch	T5	25
15W T5 -12 inch	BL350	12 inch	T5	25
10W T8	BL350	330mm	T8	25
15W T8 -18 inch	BL350	18 inch	T8	25
30W T8	BL350	18 inch	T8	25
20W T12	BL350	2 Foot	T12	25
40W T12	BL350	2 Foot	T12	25

## Conforms to IEC61549

### Shatterproof CFL ( Stock Lines ) FEP



Wattage	Colours Available	Length from pins	Diameter	Box QTY
55W PLL	830/840	540mm	45mm	20
80W PLL	830/840	540mm	45mm	20

### Shatterproof High Power CFL ( Made to Order ) FEP *Unique to Greenstock*



Wattage	Colours Available	Box QTY
195w	840/830	20

Other Wattages **are** available, All these lamps are priced on application

### Shatterproof CFL ( Made to Order ) FEP



Wattage	Colours Available	Length from pins	Diameter	Box QTY
20W BC/ES	827	132mm	49mm	10
9W PLS	840	168mm	27mm	10
10W PLC	840	109mm	27mm	10
11W PLS	827/840	238mm	27mm	10
13W PLC	827/840/865	133mm	27mm	10
18W PLC	830/840	153mm	34mm	20
26W PLC	830/840	172mm	34mm	20
26W PLT	830/840/860	138mm	39mm	20
42W PLT	830/840	170mm	49mm	20
40W PLL	830/840/860	540mm	45mm	20
55W PLL	860	540mm	45mm	20
80W PLL	860	540mm	45mm	20

## Shatterproof GLS ( Made to Order ) PFA



Wattage	Caps	Diameter	Finish	Box QTY
40w	ES/BC	60mm	Clear	20
60w	ES/BC	60mm	Clear	20

## Shatterproof Candle ( Made to Order ) PFA



Wattage	Caps	Diameter	Finish	Box QTY
40w	ES/BC/SES/SBC	35mm	Clear	20
60w	ES/BC/SES/SBC	35mm	Clear	20

## Shatterproof Discharge

### Shatterproof Discharge Lamps ( Stock Only )



Wattage	Colours Available	Length	Size	Box QTY
250W Metal halide	NDL	208mm	88mm	6
400W Metal halide	NDL	290mm	122mm	6

## Shatterproof Miscellaneous

### Description

Floodlight fittings max wattage 300W

Bespoke glass covering for LED Floodlights



## Polycarbonate sleeves

Length	Size
18 inch	T8
2 foot	T8
3 foot	T8
4 foot	T8
5 foot	T8
6 foot	T8
549	T5
849	T5
1149	T5
1449	T5

### Greenstock

Polycarbonate Sleeves are a well established system for providing protection to standard fluorescent tubes using a minimum 0.75mm wall thickness and an end cap each side holding the lamp into place with a Rubber seal

# ***Technical Data***

## **FEP Coating Material used for the Protection of Triphosphor Fluorescent Tubes.**

# **Conforms to the IEC61549 Regulation**

## **Single Banded**

**Material - FEP - Fully fluorinated copolymer**

**Transparency to visible light >98% @ 0.30mm thickness**

**Transparency to UV-A >95%, UV-C 85% @ 0.30mm thickness**

**Shrinking temperature 110 C nominal**

**Wall thickness 0.30mm**

**Expected life time with fluorescent lamp : +90,000 hours with no embrittlement or Discolouration**

**Maximum continuous operating temperature 200 C**

**Conforms to the IEC/BS61549 regulation**

**Conforms to the HACCP regulations**

**Melting Point: 260 C**

**Assists in complying to the ACCS regulation and the 93/94EEC regulation**

**F.D.A Approved: In compliance with Chapter 6, Section 202.11 and 110.20 Section B Part 5**

**For use with triphosphor tubes**

**Suitable for use in Enclosed or Open fittings**

In addition to the above Greenstock FEP products also conform to the old regulations IEC60068-2-75, IEC60598-1, IEC60598 and IEC6119 which have been replaced with regulation IEC/BS61549



**PET Coating Material used for the Protection of Fluorescent Tubes.**

**Has NOT been tested to IEC61549 Regulation**

**Double Banded**

**Material - PET (PTNA) —Polyethylene Terapthalate**

**Sleeving melting point 250-260°C**

**Continuous operating temperatures 30 - 125°C**

**Peak operating temperatures –60 - +150°C**

**Wall thickness 0.12mm**

**Expected life time with fluorescent lamp : 8,000hrs  
(based on use with standard Fluorescents)**

**Maximum tube wattage 125 Watts**

**Conforms to the HACCP regulations**

**F.D.A Approved: In compliance with Chapter 6, Section 202.11 and 110.20 Section  
B Part 5**

**Assists in complying to the ACCS regulation and the 93/94EEC regulation**

**For use with Fluorescent tubes in Open Fittings ONLY**



## **PFA Coating Material used for the Protection of Incandescent and Discharge Lamps**

Material - PFA

Sleeving melting point 310 °C

Continuous operating temperatures 30 - 260 °C

Peak operating temperatures 50 - 280 °C

Wall thickness 175-200 Microns

Maximum tube wattage 400 Watts

Conforms to the HACCP regulations

