



## CENELEC Agreement

# Licence

Licence Number: ENEC 36210

BSI hereby grants to:

Tridonic UK Limited  
House of Light  
Butchers Race  
Green Lane Industrial Estate  
Spennymoor  
County Durham  
DL16 6JE  
United Kingdom

(hereinafter called the Licensee), having been assessed against the requirements of the CENELEC Agreement on the use of a commonly agreed Mark of Conformity for products complying with European Standards (in short the ENEC Agreement), the right and Licence to use the commonly agreed Mark of Conformity for products shown below, upon and in respect of the goods particularly described in the Appendix bearing the same number as this Licence. Goods shall be produced by the Licensee only at the address given above, in accordance with the relevant European Standard as detailed below. The Licensee is granted subject to the Specific Rules for the ENEC Agreement and the BSI Administration Scheme.

Signed on behalf of BSI

13 October 2011

Richard Moore, Regulatory Certification Manager, BSI

Mark	General goods in respect of which the use of the Mark is granted. Specific items are stated on the attached Licence Appendix	Standard according to which the goods are to be produced
	Specification for Electronic Ballasts.	EN 60924:1991 EN 60925:1991 EN 60928:1995 EN 60929:1992 EN 62384:2006 EN 61347-2-3:2001 EN 61347-2-4:2001 EN 61347-2-7:2001 EN 61347-2-7:2006 EN 61347-2-11:2001 EN 61347-2-13:2006



Issued by: **BSI**  
Kitemark Court, Davy Avenue, Knowlhill,  
Milton Keynes, MK5 8PP  
Tel: +44 (0)8450 0809000

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Page 1 of 3

## LICENCE INDEX

Section	Product Range	Specification	Issue Date	No of Pages
1	Combined Emergency Modules and Electronic Ballasts for T26 and T16 Linear Lamps	EN61347-2-3:2001 EN60929:1992 inc A1 & A2	22 January 2009	4
2	Combined Emergency Modules and Electronic Ballasts for Compact Fluorescent Lamps	EN61347-2-3:2001 EN60929:1992 inc A1 & A2 EN61347-2-7:2001 EN60925:1991 inc A1 & A2	6 April 2009	9
3	Self-test and DALI Emergency Lighting modules	EN61347-2-7:2006 EN60925:1991 inc A1 & A2	4 August 2010	4
4	Emergency Modules	EN61347-2-7:2001 EN61347-2-7:2006 EN60925:1991 inc A1 & A2	10 October 2011	9



Permissible Mark

Mark Littlejohns Certification Manager

First Granted: 14 March 1997 Date: 10 October 2011

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Page 2 of 3

## LICENCE INDEX

Section	Product Range	Specification	Issue Date	No of Pages
5	Tridonicatco ES Range of Emergency Modules and Electronic Ballasts for 8W T16 Linear Lamps	EN61347-2-3:2001 EN60929:1992 inc A1 & A2 EN61347-2-7:2001 EN60925:1991 inc A1 & A2	22 January 2009	2
6	AC Supplied Electronic Ballasts for Fluorescent Lamps – Atlas Type M Range	EN61347-2-3:2001 EN60929:1992 inc A1 & A2	22 January 2009	2
7	Self-Test and DALI Combined Emergency Modules and Electronic Ballasts for Compact Fluorescent Lamps	EN61347-2-3:2001 EN60929:1992 inc A1 & A2 EN61347-2-7:2001 EN60925:1991 inc A1 & A2 EN61347-2-11 :2001	22 January 2009	6



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Page 3 of 3

## LICENCE INDEX

Section	Product Range	Specification	Issue Date	No of Pages
8	Combined Emergency Modules and Electronic Ballasts for LED's	EN61347-2-7:2006 EN61347-2-13:2006 EN62384 :2006 EN60925 :1991	12 February 2010	3
9	Emergency LED Driver Modules	EN61347-2-7:2006 EN61347-2-13:2006 EN62384 :2006	10 October 2011	4



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# Scope of Certified Products



for

**ENEC LICENCE No. ENEC 36210**

**TRIDONICATCO UK LIMITED  
HOUSE OF LIGHT  
BUTCHERS RACE  
GREEN LANE INDUSTRIAL ESTATE  
SPENNYMOOR  
COUNTY DURHAM  
DL16 6JE  
UNITED KINGDOM**

## Section 1

### **Combined Emergency Modules and Electronic Ballasts for T26 and T16 Linear Lamps**

Mark Littlejohns, Certification Manager, Product Certification

First Granted: 14 March 1997

Date: 22 January 2009

Page 1 of 4

**BSI Product Services**

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UNITED KINGDOM**

## Section 1

### Combined Emergency Modules and Electronic Ballasts for T26 and T16 Linear Lamps

Tridonic.Atco Model Number	Lamps	Duration	Cells	Voltage (V)	Freq. (Hz)	Test Report Number
PC 3/4x18/33 Combo	3/4x18W T8	3 hrs	3	230 (220-240)	50/60	247/4188095
PC 3/4x18/13 Combo	3/4x18W T8	1 hr	3	230 (220-240)	50/60	247/4188095
PC 3/4X14/13 Combo	3/4 x 14W T5	1 hr	3	230 (220-240)	50/60	247/4395421
PC 3/4X14/33 Combo	3/4 x 14W T5	3 hrs	3	230 (220-240)	50/60	247/4395421

Atlas Model Number	Lamps	Duration	Cells	Voltage (V)	Freq. (Hz)	Test Report Number
GME258-34	2 x 58W	3 hrs	4	230 (220-240)	50/60	247/4045527
GME158-34	1 x 58W	3 hrs	4	230 (220-240)	50/60	247/4045527
GME236-33	2 x 36W	3 hrs	3	230 (220-240)	50/60	247/4045527
GME136-33	1 x 36W	3 hrs	3	230 (220-240)	50/60	247/4045527
GME258-34/PW	2 x 58W	3 hrs	4	230 (220-240)	50/60	247/4045527
GME158-34/PW	1 x 58W	3 hrs	4	230 (220-240)	50/60	247/4045527
GME236-33/PW	2 x 36W	3 hrs	3	230 (220-240)	50/60	247/4045527
GME136-33/PW	1 x 36W	3 hrs	3	230 (220-240)	50/60	247/4045527

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Page 2 of 4

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## Section 1

### Combined Emergency Modules and Electronic Ballasts for T26 and T16 Linear Lamps

Thorn Model Number	Lamps	Duration	Cells	Voltage (V)	Freq. (Hz)	Test Report Number
GME258-34	2 x 58W	3 hrs	4	230 (220-240)	50/60	247/4045527
GME158-34	1 x 58W	3 hrs	4	230 (220-240)	50/60	247/4045527
GME236-33	2 x 36W	3 hrs	3	230 (220-240)	50/60	247/4045527
GME136-33	1 x 36W	3 hrs	3	230 (220-240)	50/60	247/4045527
GME258-34/PW	2 x 58W	3 hrs	4	230 (220-240)	50/60	247/4045527
GME158-34/PW	1 x 58W	3 hrs	4	230 (220-240)	50/60	247/4045527
GME236-33/PW	2 x 36W	3 hrs	3	230 (220-240)	50/60	247/4045527
GME136-33/PW	1 x 36W	3 hrs	3	230 (220-240)	50/60	247/4045527

Atlas Model Number	Tridonic.Atco Model Number	Client Reference
GME258-34	PC 2 x 58/34 Combo	Letter ref BSI/1229
GME158-34	PC 1 x 58/34 Combo	Dated 3 September 2002
GME236-33	PC 2 x 36/33 Combo	
GME136-33	PC 1 x 36/33 Combo	

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Page 3 of 4

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UNITED KINGDOM**

## Section 1

### Combined Emergency Modules and Electronic Ballasts for T26 and T16 Linear Lamps

Thorn Model Number	Lamps	Duration	Cells	Voltage (V)	Freq (Hz)	Test Report Number
PC 1x36/33 Combo	T8 1x36W	3 hrs	3	230V (220-240)	50/60	247/4772753
PC 1x58/34 Combo	T8 1x58W	3 hrs	4	230V (220-240)	50/60	247/4772753
PC 2x36/33 Combo	T8 2x36W	3 hrs	3	230V (220-240)	50/60	247/4772753
PC 2x58/34 Combo	T8 2x58W	3 hrs	4	230V (220-240)	50/60	247/4772753

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Page 4 of 4

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## Section 2

### **Combined Emergency Modules and Electronic Ballasts for Compact Fluorescent Lamps**

Mark Littlejohns, Certification Manager, Product Certification

First Granted: 14 March 1997

Date: 6 April 2009

Page 1 of 9

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## Section 2

### Combined Emergency Modules and Electronic Ballasts for Compact Fluorescent Lamps

<b>Tridonic.Atco Model Number</b>	<b>Lamps</b>	<b>Duration</b>	<b>Cells</b>	<b>Voltage (V)</b>	<b>Freq. (Hz)</b>	<b>Test Report Number</b>
PC 1x18-34 TC Combo	18W DE, 18W TE	3 hrs	4	230 (220-240)	50/60	247/4537072
PC 1x18-14Cs TC Combo	18W DE, 18W TE	1 hr	4	230 (220-240)	50/60	247/4537072
PC 1x18-14 TC Combo	18W DE, 18W TE	1 hr	4	230 (220-240)	50/60	247/4537072
PC 1x28-34 HO DD Combo	28W 2D	3 hrs	4	230 (220-240)	50/60	247/4537072
PC 1 x26/32/42-36 TC Combo	26W DE, 26W TE 32W TE, 42W TE	3 hrs	6	230 (220-240)	50/60	247/4537072
PC 1x26/32/42- 16Cs TC Combo	26W DE, 26W TE 32W TE, 42W TE	1 hr	6	230 (220-240)	50/60	247/4537072
PC 2x26-35 TC Combo	26W DE, 26W TE	3 hrs	5	230 (220-240)	50/60	247/4486397
PC 2x26-15Cs TC Combo	26W DE, 26W TE	1 hr	5	230 (220-240)	50/60	247/4486397
PC 2x26-15 TC Combo	26W DE, 26W TE	1 hr	5	230 (220-240)	50/60	247/4486397

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## Section 2

### Combined Emergency Modules and Electronic Ballasts for Compact Fluorescent Lamps

Tridonic.Atco Model Number	Lamps	Duration	Cells	Voltage (V)	Freq. (Hz)	Test Report Number
PC 1X26/32-35 TC Combo	26W TCD/TCT 32W TCT	3 hrs	5	230 (220-240)	50/60	247/4462763
PC 1X26/32-15Cs TC Combo	26W TCD/TCT 32W TCT	1 hr	5	230 (220-240)	50/60	247/4462763
PC 1X26/42/32-15 TC Combo	26W TCD/TCT 32/42W TCT	1 hr	5	230 (220-240)	50/60	247/4462763
PC 1 x 28/34 DD Combo	28W T5 & T6 2D	3 hrs	4	230 (220-240)	50/60	247/4399910
PC 2 x 18-34 TC Combo	2 x 18W TCD 2 x 18W TCT	3 hrs	4	230 (220-240)	50/60	247/4567062
PC 2 x 18-14 TC Combo	2 x 18W TCD 2 x 18W TCT	1 hr	4	230 (220-240)	50/60	247/4567062
PC 2 x 18-14Cs TC Combo	2 x 18W TCD 2 x 18W TCT	1 hr	4	230 (220-240)	50/60	247/4567062
PC 2 x 32-35 TC Combo	2 x 32W TCT	3 hrs	5	230 (220-240)	50/60	247/4567062
PC 2 x 32/42-15 TC Combo	2 x 32W TCT 2 x 42 TCT	1 hr	5	230 (220-240)	50/60	247/4567062
PC 2 x 32-15Cs TC Combo	2 x 32W TCT	1 hr	5	230 (220-240)	50/60	247/4567062

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Page 3 of 9

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## Section 2

### Combined Emergency Modules and Electronic Ballasts for Compact Fluorescent Lamps

<b>Tridonic.Atco Model Number</b>	<b>Lamps</b>	<b>Duration</b>	<b>Cells</b>	<b>Voltage (V)</b>	<b>Freq. (Hz)</b>	<b>Test Report Number</b>
PC 2 x 32/42-36 TC Combo	2 x 32/42W TCT	3 hrs	6	230 (220-240)	50/60	247/4567062
PC 2 x 32/42-16Cs TC Combo	2 x 32/42W TCT	1 hr	6	230 (220-240)	50/60	247/4567062
PC 1 x 28-33 DD Combo	28W DD T5	3 hrs	3	230 (220-240)	50/60	247/4593657
PC 1 x 28-33 HO DD Combo	28W DD T5	3 hrs	3	230 (220-240)	50/60	247/4593657
PC 1 x 38-34 DD Combo	38W DD T5	3 hrs	4	230 (220-240)	50/60	247/4593657
PC 1 x 38-35 DD Combo	38W DD T5	3 hrs	5	230 (220-240)	50/60	247/4593657
PC 1 x 57-36 TC Combo	57W TCT	3 hrs	6	230 (220-240)	50/60	247/4593657
PC 1 x 57-16 TC Combo	57W TCT	1 hr	6	230 (220-240)	50/60	247/4593657
PC 1 x 57-16CS TC Combo	57W TCT	1 hr	6	230 (220-240)	50/60	247/4593657

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Page 4 of 9

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## Section 2

### Combined Emergency Modules and Electronic Ballasts for Compact Fluorescent Lamps

Tridonic.Atco Model Number	Lamps	Duration	Cells	Voltage (V)	Freq. (Hz)	Test Report Number
PC 2x10/13-33 TC Combo	2x10/13W TCD 2x13W TCT	3 hrs	3	230V (220-240)	50/60	247/4702623 Issue 2
PC 2x10/13-13Cs TC Combo	2x10/13W TCD 2x13W TCT	1 hr	3	230V (220-240)	50/60	247/4702623 Issue 2
PC 2x10/13-13 TC Combo	2x10/13W TCD 2x13W TCT	1 hr	3	230V (220-240)	50/60	247/4702623 Issue 2
PC 1x10/13-33 TC Combo	1x10/13W TCD 1x13W TCT	3 hrs	3	230V (220-240)	50/60	247/4702623 Issue 2
PC 1x10/13-13Cs TC Combo	1x10/13W TCD 1x13W TCT	1 hr	3	230V (220-240)	50/60	247/4702623 Issue 2
PC 1x10/13-13 TC Combo	1x10/13W TCD 1x13W TCT	1 hr	3	230V (220-240)	50/60	247/4702623 Issue 2
PC 1x16-33 DD Combo	1x16W 2D	3 hrs	3	230V (220-240)	50/60	247/4702623 Issue 2

PC 1x14-3 T5 Combo l/p	1 x 14W T5	3 / 1 hrs	3	230V (220-240)	50/60	247/7216513
PC 2x14-3 T5 Combo l/p	2 x 14W T5	3 / 1 hrs	3	230V (220-240)	50/60	247/7216513
PC 1x21/28-5 T5 Combo l/p	1 x 21W T5 1 x 28W T5	3 / 1 hrs	5	230V (220-240)	50/60	247/7216513
PC 2x21/28-5 T5 Combo l/p	2 x 21W T5 2 x 28W T5	3 / 1 hrs	5	230V (220-240)	50/60	247/7216513

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## Section 2

### Combined Emergency Modules and Electronic Ballasts for Compact Fluorescent Lamps

Tridonic.Atco Model Number	Lamps	Duration	Cells	Voltage (V)	Freq. (Hz)	Test Report Number
PC 1x35-6 T5 Combo l/p	1 x 35W T5	3 / 1 hrs	6	230V (220-240)	50/60	247/7216513
PC 2x35-6 T5 Combo l/p	2 x 35W T5	3 / 1 hrs	6	230V (220-240)	50/60	247/7216513
PC 2x49-5 T5 Combo l/p	2 x 49W T5	3 / 1 hrs	5	230V (220-240)	50/605 0/60	247/7216513

### NOTES

Tc : +70°C.

1) Control gear and specified battery combinations are as follows.

PC 1 x 14-3 T5 combo l/p and PC 2 x 14-3 T5 combo l/p;-

3hrs duration – 3 cell NiCd 4Ah D cells or 3 cell NiMh 7/5 4Ah sub C.

1 hr duration – 3 cell NiCd 1.5Ah sub C or 3 cell NiMh 2Ah sub C.

PC 1 x 21/28-5 T5 combo l/p, PC 2 x 21/28-5 T5 combo l/p.

3hrs duration – 5 cell NiCd 4Ah D cells or 5 cell NiMh 7/5 4Ah sub C.

1 hr duration – 5 cell NiCd 1.5Ah sub C or 5 cell NiMh 2Ah sub C.

PC 1 x 35-6 T5 combo l/p, PC 2 x 35-6 T5 combo l/p.

3hrs duration – 6 cell NiCd 4Ah D cells or 6 cell NiMh 7/5 4Ah sub C.

1 hr duration – 6 cell NiCd 1.5Ah sub C or 6 cell NiMh 2Ah sub C.

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Page 6 of 9

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## Section 2

### Combined Emergency Modules and Electronic Ballasts for Compact Fluorescent Lamps

#### NOTES

PC 2 x 49-5 T5 combo l/p.

3hrs duration – 5 cell NiCd 4Ah D cells or 5 cell NiMh 7/5 4Ah sub C.

1 hr duration – 5 cell NiCd 1.5Ah sub C or 5 cell NiMh 2Ah sub C.

2) All variants share the same mechanical construction and the same PCB layout.

Mark Littlejohns, Certification Manager, Product Certification

First Granted: 14 March 1997

Date: 6 April 2009

Page 7 of 9

#### **BSI Product Services**

Kitemark House Maylands Avenue Hemel Hempstead Hertfordshire HP2 4SQ United Kingdom  
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EUROPEAN  
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# Scope of Certified Products

for



ENEC LICENCE No. ENEC 36210

TRIDONICATCO UK LIMITED  
HOUSE OF LIGHT  
BUTCHERS RACE  
GREEN LANE INDUSTRIAL ESTATE  
SPENNYMOOR  
COUNTY DURHAM  
DL16 6JE  
UNITED KINGDOM

## Section 2

### Combined Emergency Modules and Electronic Ballasts for Compact Fluorescent Lamps

Tridonic.Atco Model Number	Lamps	Duration	Cells	Voltage (V)	Freq. (Hz)	Test Report Number
PC 1 x 28-33 LO DD Combo	1 x 28W 2D	3 hrs	4	230V (220-240)	50/60	247/7304277/ 1of 2 & 2 of 2
PC 1 x 28-33 DD Combo	1 x 28W 2D	3 hrs	3	230V (220-240)	50/60	247/7304277/ 1of 2 & 2 of 2
PC 1 x 28-34 LO DD Combo	1 x 28W 2D	3 hrs	4	230V (220-240)	50/60	247/7304277/ 1of 2 & 2 of 2
PC 1 x 28-34 DD Combo	1 x 28W 2D	3 hrs	4	230V (220-240)	50/60	247/7304277/ 1of 2 & 2 of 2
PC 1 x 38-34 LO DD Combo	1 x 38W 2D BIAX (Non amalgum)	3 hrs	4	230V (220-240)	50/60	247/7304277/ 1of 2 & 2 of 2
PC 1 x 38-34 DD Combo	1 x 38W 2D BIAX (Non amalgum)	3 hrs	4	230V (220-240)	50/60	247/7304277/ 1of 2 & 2 of 2
PC 1 x 38-35 DD Combo	1 x 38W 2D	3 hrs	5	230V (220-240)	50/60	247/7304277/ 1of 2 & 2 of 2
PC 2 x 26-4 TC COMBO	2 x 26W TCD 2 x 26W TCT	1 or 3 hrs	4	230V (220-240)	50/60	247/7304277/ 1of 2 & 2 of 2

### NOTES

Tc = +75°C

Can use either Ni-Cd or Ni-MH battery types

Mark Littlejohns, Certification Manager, Product Certification

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Page 8 of 9

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## Section 2

### Combined Emergency Modules and Electronic Ballasts for Compact Fluorescent Lamps

<b>Tridonic.Atco Model Number</b>	<b>Lamps</b>	<b>Duration</b>	<b>Cells</b>	<b>Voltage (V)</b>	<b>Freq. (Hz)</b>	<b>Test Report Number</b>
PC 1 x 18-4 TC Combo	1 x 18W TDC 1 x 18W TCT	1 / 3 hrs	4	230V (220-240)	50/60	247/7341842/ 1 of 2 & 2 of 2
PC 2 x 18-4 TC Combo	2 x 18W TDC 2 x 18W TCT	1 / 3 hrs	4	230V (220-240)	50/60	247/7341842/ 1 of 2 & 2 of 2
PC 1 x 26/32-5 TC Combo	1 x 26W TDC/TCT 1 x 32W TCT	1 / 3 hrs	5	230V (220-240)	50/60	247/7341842/ 1 of 2 & 2 of 2
PC 1 x 26-4 TC Combo	1 x 26W TDC 1 x 26W TCT	1 / 3 hrs	4	230V (220-240)	50/60	247/7341842/ 1 of 2 & 2 of 2

### NOTES

Tc = +75°C

Can use either Ni-Cd or Ni-MH battery types

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Page 9 of 9

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UNITED KINGDOM**

## Section 3

### Self-Test and DALI Emergency Lighting Modules

Mark Littlejohns, Certification Manager

First Granted: 14 March 1997

Date: \*\* July 2010

Page 1 of 4

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UNITED KINGDOM

## Section 3

### Self-Test and DALI Emergency Lighting Modules

Product Code	Tridonic Model No.	Duration	Cells	Voltage (V)	Freq. (Hz)
89800019	EM 14 HO PRO EZ-3	1 hr	4	220-240	50/60
89800020	EM 15 HO PRO EZ-3	1 hr	5	220-240	50/60
89800021	EM 16 HO PRO EZ-3	1 hr	6	220-240	50/60
89800022	EM 34 PRO EZ-3	3 hrs	4	220-240	50/60
89800023	EM 35 PRO EZ-3	3 hrs	5	220-240	50/60
89800024	EM 36 PRO EZ-3	3 hrs	6	220-240	50/60
89800025	EM 14 PRO EZ-3	1 hr	4	220-240	50/60
89800026	EM 15 PRO EZ-3	1 hr	5	220-240	50/60
89800027	EM 16 PRO EZ-3	1 hr	6	220-240	50/60
89800037	EM 34 BASIC LP2	3 hrs	4	220-240	50/60
89800038	EM 35 BASIC LP2	3 hrs	5	220-240	50/60
89800039	EM 36 BASIC LP2	3 hrs	6	220-240	50/60
89800040	EM 14 BASIC LP2	1 hr	4	220-240	50/60
89800041	EM 15 BASIC LP2	1 hr	5	220-240	50/60
89800042	EM 16 BASIC LP2	1 hr	6	220-240	50/60
89800064	EM 34 PRO EZ-3 TX	3 hrs	4	220-240	50/60
89800065	EM 35 PRO EZ-3 TX	3 hrs	5	220-240	50/60
89800066	EM 36 PRO EZ-3 TX	3 hrs	6	220-240	50/60

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Page 2 of 4

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UNITED KINGDOM

## Section 3

### Self-Test and DALI Emergency Lighting Modules

Product Code	Tridonic Model No.	Duration	Cells	Voltage (V)	Freq. (Hz)
89899680	EM 34 ST	3 hrs	4	220-240	50/60
89899681	EM 35 ST	3 hrs	5	220-240	50/60
89899682	EM 36 ST	3 hrs	6	220-240	50/60
89899683	EM 14 ST	1 hr	4	220-240	50/60
89899684	EM 15 ST	1 hr	5	220-240	50/60
89899685	EM 16 ST	1 hr	6	220-240	50/60
89899686	EM 14 HO ST	1 hr	4	220-240	50/60
89899687	EM 15 HO ST	1 hr	5	220-240	50/60
89899688	EM 16 HO ST	1 hr	6	220-240	50/60
89899734	EM 34 NiCd D IF	3 hrs	4	220-240	50/60
89899735	EM 14 NiCd C IF	1 hr	4	220-240	50/60
89899737	EM 35 NiCd D IF	3 hrs	5	220-240	50/60
89899738	EM 15 NiCd C IF	1 hr	5	220-240	50/60
89899740	EM 36 NiCd D IF	3 hrs	6	220-240	50/60
89899741	EM 16 NiCd C IF	1 hr	6	220-240	50/60
89899761	EM 34 BASIC LP	3 hrs	4	220-240	50/60
89899762	EM 35 BASIC LP	3 hrs	5	220-240	50/60
89899763	EM 36 BASIC LP	3 hrs	6	220-240	50/60
89899764	EM 14 BASIC LP	1 hr	4	220-240	50/60
89899765	EM 15 BASIC LP	1 hr	5	220-240	50/60
89899766	EM 16 BASIC LP	1 hr	6	220-240	50/60

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Page 3 of 4

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## Section 3

### Self-Test and DALI Emergency Lighting Modules

Product Code	Tridonic Model No.	Duration	Cells	Voltage (V)	Freq. (Hz)
89899827	EM 34 PRO EZ	3 hrs	4	220-240	50/60
89899828	EM 35 PRO EZ	3 hrs	5	220-240	50/60
89899829	EM 36 PRO EZ	3 hrs	6	220-240	50/60
89899830	EM 14 PRO EZ	1 hr	4	220-240	50/60
89899831	EM 15 PRO EZ	1 hr	5	220-240	50/60
89899832	EM 16 PRO EZ	1 hr	6	220-240	50/60
89899833	EM 14 HO PRO EZ	1 hr	4	220-240	50/60
89899834	EM 15 HO PRO EZ	1 hr	5	220-240	50/60
89899835	EM 16 HO PRO EZ	1 hr	6	220-240	50/60
89899871	EM 34 PRO EZ TX	3 hrs	4	220-240	50/60
89899872	EM 35 PRO EZ TX	3 hrs	5	220-240	50/60
89899873	EM 36 PRO EZ TX	3 hrs	6	220-240	50/60
89899960	EM 34 PRO EZ-2	3 hrs	4	220-240	50/60
89899961	EM 35 PRO EZ-2	3 hrs	5	220-240	50/60
89899962	EM 36 PRO EZ-2	3 hrs	6	220-240	50/60
89899963	EM 14 PRO EZ-2	1 hr	4	220-240	50/60
89899964	EM 15 PRO EZ-2	1 hr	5	220-240	50/60
89899965	EM 16 PRO EZ-2	1 hr	6	220-240	50/60

Mark Littlejohns, Certification Manager

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Page 4 of 4

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Section 4

**Emergency Modules**

Mark Littlejohns, Certification Manager, Product Certification

First Granted: 14 March 1997

Date: 10 October 2011

Page 1 of 9

Issued by: **BSI**

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COUNTY DURHAM  
DL16 6JE  
UNITED KINGDOM

## Section 4

### Emergency Modules

Tridonic.Atco Model Number	Lamps	Duration	Cells	Voltage (V)	Freq (Hz)	Test Report Number
EM 33A Basic	2D 10-16W	3 hrs	3	230 (220-240)	50/60	247/4218590
	T5 4-13W	3 hrs	3	230 (220-240)	50/60	247/4218590
	TC-L 18W	3 hrs	3	230 (220-240)	50/60	247/4218590
	TC-T/E 13W	3 hrs	3	230 (220-240)	50/60	247/4218590
EM 33B Basic *	T8 18-36W	3 hrs	3	230 (220-240)	50/60	247/4218590
EM 33C Basic	TC-S/E 5-11W	3 hrs	3	230 (220-240)	50/60	247/4218590
	TC-D/E 10-13W	3 hrs	3	230 (220-240)	50/60	247/4218590
	TC-T/E 13W	3 hrs	3	230 (220-240)	50/60	247/4218590
EM 34A Basic	2D 10-28W	3 hrs	3	230 (220-240)	50/60	247/4218590
	T5 4-13W	3 hrs	3	230 (220-240)	50/60	247/4218590
	TC-L 18-24W	3 hrs	3	230 (220-240)	50/60	247/4218590
	TC-S/E 5-11W	3 hrs	3	230 (220-240)	50/60	247/4218590
	TC-D/E 10-13W	3 hrs	3	230 (220-240)	50/60	247/4218590
	TC-T/E 13W	3 hrs	3	230 (220-240)	50/60	247/4218590
EM 34B Basic**	T8 18-58W	3 hrs	4	230 (220-240)	50/60	247/4218590

\* May also be labelled ES-SYSTEMS ES-AW-3-18-36 catalogue number 946800

\*\* May also be labelled ES-SYSTEMS ES-AW-3-18-58 catalogue number 946900

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Page 2 of 9

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## Section 4

### Emergency Modules

Tridonic.Atco Model Number	Lamps	Duration	Cells	Voltage (V)	Freq (Hz)	Test Report Number
EM35A Basic	2D 10-38W T5 4-13W T8 18-36W TCL 18-36W	3 hrs	5	230 (220-240)	50/60	247/4218590
	TC-S/E 5-11W TC-D/E 10-13W	3 hrs	5	230 (220-240)	50/60	247/4218590
	TC-T/E 13-18W	3 hrs	5	230 (220-240)	50/60	247/4218590
EM35B Basic	T8 18-70W	3 hrs	5	230 (220-240)	50/60	247/4218590
EM35C Basic	TC-D/E 18-26W	3 hrs	5	230 (220-240)	50/60	247/4218590
	TC-T/E 13-26W	3 hrs	5	230 (220-240)	50/60	247/4218590
	T5 Circ 22W	3 hrs	5	230 (220-240)	50/60	247/4218590
EM36A Basic	2D 10-55W	3 hrs	6	230 (220-240)	50/60	247/4218590
	T5 4-13W	3 hrs	6	230 (220-240)	50/60	247/4218590
	TC-S/E 5-11W	3 hrs	6	230 (220-240)	50/60	247/4218590
	TC-D/E 10-13W	3 hrs	6	230 (220-240)	50/60	247/4218590
	TC-T/E 13-18W	3 hrs	6	230 (220-240)	50/60	247/4218590

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Page 3 of 9

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## Section 4

### Emergency Modules

Tridonic.Atco Model Number	Lamps	Duration	Cells	Voltage (V)	Freq (Hz)	Test Report Number
EM13B Basic	T8 18-36W	1 hr	3	230 (220-240)	50/60	247/4275556
EM14B Basic	T8 18-58W	1 hr	4	230 (220-240)	50/60	247/4275556

EM35D Basic	TC-T/E 32W 42W Compact Lamps	3 hrs	5	230 (220-240)	50/60	247/4411056
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EM 34B Basic	T26 18W, 36W, 58W	3 hrs	4	110	50/60	247/4793146
EM 14/24-4 T5 BASIC	14W, 21W, 28W, 35W, 34W, 39W, 49W, 54W and 80W T5	3 hrs	4	220-240V	50/60	247/4837226
EM 21/28/49-5 T5 BASIC	14W, 21W, 28W, 35W, 34W, 39W, 49W, 54W and 80W T5	3 hrs	5	220-240V	50/60	247/4837226
EM 39-5 T5 BASIC	14W, 21W, 28W, 35W, 34W, 39W, 49W, 54W and 80W T5	3 hrs	5	220-240V	50/60	247/4837226

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Page 4 of 9

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## Section 4

### Emergency Modules

Tridonic.Atco Model Number	Lamps	Duration	Cells	Voltage (V)	Freq (Hz)	Test Report Number
EM 35-6 T5 BASIC	14W, 21W, 28W, 35W, 34W, 39W, 49W, 54W and 80W T5	3 hrs	6	220-240V	50/60	247/4837226
EM 54/80-6 T5 BASIC	14W, 21W, 28W, 35W, 34W, 39W, 49W, 54W and 80W T5	3 hrs	6	220-240V	50/60	247/4837226
EM 14/24-4 T5 BASIC	14W, 21W, 28W, 35W, 34W, 39W, 49W, 54W and 80W T5	3 hrs	4	220-240V	50/60	247/4837226
EM 21/28/49-5 T5 BASIC	14W, 21W, 28W, 35W, 34W, 39W, 49W, 54W and 80W T5	3 hrs	5	220-240V	50/60	247/4837226
EM 39-5 T5 BASIC	14W, 21W, 28W, 35W, 34W, 39W, 49W, 54W and 80W T5	3 hrs	5	220-240V	50/60	247/4837226

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Page 5 of 9

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### Emergency Modules

Tridonic.Atco Model Number	Lamps	Duration	Cells	Voltage (V)	Freq (Hz)	Test Report Number
EM 35-6 T5 BASIC	14W, 21W, 28W, 35W, 34W, 39W, 49W, 54W and 80W T5	3 hrs	6	220-240V	50/60	247/4837226
EM 54/80-6 T5 BASIC	14W, 21W, 28W, 35W, 34W, 39W, 49W, 54W and 80W T5	3 hrs	6	220-240V	50/60	247/4837226
EM 13E BASIC	58W T26	3 hrs	3	230-240V	50/60	247/7017666
EM Mini Basic range						
EM33A	28W 2D	3hrs	3	230 (220-240)	50/60	247/7141666
EM34A	18, 26W TC-D, 22W T5c, 36W TC-F	3 hrs	4	230 (220-240)	50/60	247/7141666
EM34C	38W 2D	3 hrs	4	230 (220-240)	50/60	247/7141666

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Page 6 of 9

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## Section 4

### Emergency Modules

Tridonic.Atco Model Number	Lamps	Voltage (V)	Freq (Hz)	Test Report Number
EM 33A BASIC	18W, 30W, 36, 58, 70W T26	220-420V	50/60	247/4916692/2 of 2
EM 33B BASIC	18W, 30W, 36, 58, 70W T26	220-420V	50/60	247/4916692/2 of 2
EM 33C BASIC	18W, 30W, 36, 58, 70W T26	220-420V	50/60	247/4916692/2 of 2
EM 34A BASIC	4W, 6W, 8W, 13W, 14W, 21W, 24W, 28W T16	220-420V	50/60	247/4916692/2 of 2
EM 34B BASIC	4W, 6W, 8W, 13W, 14W, 21W, 24W, 28W T16	220-420V	50/60	247/4916692/2 of 2
EM 35A BASIC	18W, 24W, 34W, 36W, 40W, 55W, TC-L	220-420V	50/60	247/4916692/2 of 2
EM 35B BASIC	18W, 24W, 34W, 36W, 40W, 55W, TC-L	220-420V	50/60	247/4916692/2 of 2
EM 35C BASIC	18W, 24W, 34W, 36W, 40W, 55W, TC-L	220-420V	50/60	247/4916692/2 of 2
EM 35D BASIC	18W, 24W, 34W, 36W, 40W, 55W, TC-L	220-420V	50/60	247/4916692/2 of 2
EM 36A BASIC	10W, 16W, 21W, 28W, 38W, 55W, TC-DD	220-420V	50/60	247/4916692/2 of 2
EM 13B BASIC	5W, 7W, 9W, 11W TC-SEL	220-420V	50/60	247/4916692/2 of 2
EM 14B BASIC	10W, 13W, 18W, 26W TC-DEL	220-420V	50/60	247/4916692/2 of 2
EM 34B BASIC	13W, 18W, 26W, 32W, 42W TC-TEL	110V	50/60	247/4916692/2 of 2

Mark Littlejohns, Certification Manager, Product Certification

First Granted: 14 March 1997

Date: 10 October 2011

Page 7 of 9

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# Scope of Certified Products



for

ENEC LICENCE No. ENEC 36210

TRIDONICATCO UK LIMITED  
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SPENNYMOOR  
COUNTY DURHAM  
DL16 6JE  
UNITED KINGDOM

## Section 4

EM PRO / EMBasic Emergency modules

Reports 2408/7752398 / 1 of 2 and 2408/7752398 / 2 of 2

Rating 220 – 240 V 50 / 60 Hz

89800093 EM 24 PRO EZ-3 AU	89899764 EM 14 BASIC LP	89899829 EM 36 PRO EZ
89800094 EM 25 PRO EZ-3 AU	89899765 EM 15 BASIC LP	89899830 EM 14 PRO EZ
89800095 EM 26 PRO EZ-3 AU	89899766 EM 16 BASIC LP	89899831 EM 15 PRO EZ
89899680 EM 34 ST	89800037 EM 34 BASIC LP2	89899832 EM 16 PRO EZ
89899681 EM 35 ST	89800038 EM 35 BASIC LP2	89899833 EM 14 HO PRO EZ
89899682 EM 36 ST	89800039 EM 36 BASIC LP2	89899834 EM 15 HO PRO EZ
89899683 EM 14 ST	89800040 EM 14 BASIC LP2	89899835 EM 16 HO PRO EZ
89899684 EM 15 ST	89800041 EM 15 BASIC LP2	89800019 EM 14 HO PRO EZ-3
89899685 EM 16 ST	89800042 EM 16 BASIC LP2	89800020 EM 15 HO PRO EZ-3
89899686 EM 14 HO ST	89899734 EM 34 NiCd D IF	89800021 EM 16 HO PRO EZ-3
89899687 EM 15 HO ST	89899735 EM 14 NiCd C IF	89899966 EM 14 HO PRO EZ-2
89899688 EM 16 HO ST	89899737 EM 35 NiCd D IF	89899967 EM 15 HO PRO EZ-2

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## Section 4

### EM PRO / EMBasic Emergency modules continued

89899761 EM 34 BASIC LP	89899738 EM 15 NiCd C IF	89899968 EM 16 HO PRO EZ-2
89899762 EM 35 BASIC LP	89899740 EM 36 NiCd D IF	89899960 EM 34 PRO EZ-2
89899763 EM 36 BASIC LP	89899741 EM 16 NiCd C IF	89899961 EM 35 PRO EZ-2
89899962 EM 36 PRO EZ-2	89899827 EM 34 PRO EZ	89800064 EM 34 PRO EZ-3 TX
89899963 EM 14 PRO EZ-2	89899828 EM 35 PRO EZ	89800065 EM 35 PRO EZ-3 TX
89899964 EM 15 PRO EZ-2	89899871 EM 34 PRO EZ TX	89800066 EM 36 PRO EZ-3 TX
89899965 EM 16 PRO EZ-2	89899872 EM 35 PRO EZ TX	89899873 EM 36 PRO EZ TX
89800022 EM 34 PRO EZ-3	89800024 EM 36 PRO EZ-3	89800027 EM 16 PRO EZ-3
89800023 EM 35 PRO EZ-3	89800025 EM 14 PRO EZ-3	89800026 EM 15 PRO EZ-3

For further information see data sheets for each version

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Date: 10 October 2011

Page 9 of 9

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## Section 5

**Tridonic.Atco ES Range of Emergency modules  
and Electronic Ballasts for 8 watt T16 linear lamps.**

Mark Littlejohns, Certification Manager, Product Certification

First Granted: 14 March 1997

Date: 22 January 2009

Page 1 of 2

**BSI Product Services**

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## Section 5

### ES Range of Emergency Lighting ballasts

Tridonic.Atco Model Number	Lamps	Duration	Cells	Voltage (V)	Freq (Hz)	Test Report Number
ES 12 NM ZS	8 W TL5	1 hr	2	230 (220-240)	50/60	247/4351422
ES 34 NM ZS	8 W TL5	3 hrs	4	230 (220-240)	50/60	247/4351422
ES 12 MT ZS	8 W TL5	1 hr	2	230 (220-240)	50/60	247/4351422
ES 34 MT ZS	8 W TL5	3 hrs	4	230 (220-240)	50/60	247/4351422
ES 12 IF ZS	8 W TL5	1 hr	2	230 (220-240)	50/60	247/4351422
ES 34 IF ZS	8 W TL5	3 hrs	4	230 (220-240)	50/60	247/4351422

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Page 2 of 2

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## **Section 6**

**AC Supplied Electronic Ballasts for  
Flourescent Lamps Atlas. Type M Range**

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Page 1 of 2

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## Section 6:

### Type M Fixed Output Electronic Mains Ballasts

Tridonic.Atco Model Number	Lamps	Voltage (V)	Freq. (Hz)	Test Report Number
PC 4 x 36 GM001	4 x 36W T8	230 (220 – 240)	50/60	247/4275559
PC 4 x 36 GM 001	4 x 36W T26	220-240	50/60	247/4916692/ 1 of 2

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Page 2 of 2

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## Section 7

### **Self-Test and Dali Combined Emergency Modules and Electronics Ballasts for Compact Fluorescent Lamps**

Mark Littlejohns, Certification Manager, Product Certification

First Granted: 14 March 1997

Date: 22 January 2009

Page 1 of 6

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## Section 7

### Self-Test and Dali Combined Emergency Modules and Electronics Ballasts for Compact Fluorescent Lamps

Tridonic.Atco Model Number	Lamps	Duration	Cells	Voltage (V)	Freq. (Hz)	Test Report Number
PC 1x 18-34 TC Combo Connect	1x18W TCD/TCT	3 hrs	4	230 (220-240)	50/60	247/4771441 Issue 2
PC 1x18-14 TC Combo Connect	1x18W TCD/TCT	1 hr	4	230 (220-240)	50/60	247/4771441 Issue 2
PC 1x18-14C STC Combo Connect	1x18W TCD/TCT	1 hr	4	230 (220-240)	50/60	247/4771441 Issue 2
PC 1x26/32/42-15TC Combo Connect	1x26W TCD/TCT 1x32/42W TCT	1 hr	5	230 (220-240)	50/60	247/4771441 Issue 2
PC 1x26/32/42-36TC Combo Connect	1X26W TCD/TCT 1x32/42W TCT	3 hrs	6	230 (220-240)	50/60	247/4771441 Issue 2
PC 1x26/32/42-16C STC Combo Connect	1x26W TCD/TCT 1x32/42W TCT	1 hr	6	230 (220-240)	50/60	247/4771441 Issue 2
PC 1x28-34 DD Combo Connect	1x28W 2D	3 hrs	4	230 (220-240)	50/60	247/4771441 Issue 2
PC 1x28-34 HO DD Combo Connect	1x28W 2D	3 hrs	4	230 (220-240)	50/60	247/4771441 Issue 2

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First Granted: 14 March 1997

Date: 22 January 2009

Page 2 of 6

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## Section 7

### Self-Test and Dali Combined Emergency Modules and Electronics Ballasts for Compact Fluorescent Lamps

<b>Tridonic.Atco Model Number</b>	<b>Lamps</b>	<b>Duration</b>	<b>Cells</b>	<b>Voltage (V)</b>	<b>Freq. (Hz)</b>	<b>Test Report Number</b>
PC 1x38-34 DD Combo Connect	1x38W 2D Biax (non amalgam)	3 hrs	4	230 (220-240)	50/60	247/4771441 Issue 2
PC 1x38-35 DD Combo Connect	1x38W 2D	3 hrs	5	230 (220-240)	50/60	247/4771441 Issue 2
PC 1x57-16 TC Combo Connect	1x57W TCT	1 hr	6	230 (220-240)	50/60	247/4771441 Issue 2
PC 1x57-36 TC Combo Connect	1x57W TCT	3 hrs	6	230 (220-240)	50/60	247/4771441 Issue 2

Mark Littlejohns, Certification Manager, Product Certification

First Granted: 14 March 1997

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Page 3 of 6

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## Section 7

**Self-Test and Dali Combined Emergency Modules and Electronics Ballasts for Compact Fluorescent Lamps.**

Tridonic.Atco Model Number	Lamps	Duration	Cells	Voltage (V)	Freq. (Hz)	Test Report Number
PC 1x57-16C STC Combo Connect	1x57W TCT	1 hr	6	230 (220-240)	50/60	247/4771441 Issue 2
PC 2x18-34 TC Combo Connect	2x18W TCD 2x18W TDT	3 hrs	4	230 (220-240)	50/60	247/4771441 Issue 2
PC 2x18-14 TC Combo Connect	2x18W TCD 2x18W TCT	1 hr	4	230 (220-240)	50/60	247/4771441 Issue 2
PC 2x18-14C STC Combo Connect	2x18W TCD 2x18W TCT	1 hr	4	230 (220-240)	50/60	247/4771441 Issue 2
PC 2x26-35 TC Combo Connect	2x26W TCD 2x26W TCT	3 hrs	5	230 (220-240)	50/60	247/4771441 Issue 2
PC 2x26-15 TC Combo Connect	2x26W TCD 2x26W TCT	1 hr	5	230 (220-240)	50/60	247/4771441 Issue 2
PC 2x26-15C STC Combo Connect	2x26W TCD 2x26W TCT	1 hr	5	230 (220-240)	50/60	247/4771441 Issue 2

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Page 4 of 6

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**Section 7**

**Self-Test and Dali Combined Emergency Modules and Electronics Ballasts for Compact Fluorescent Lamps.**

<b>Tridonic.Atco Model Number</b>	<b>Lamps</b>	<b>Duration</b>	<b>Cells</b>	<b>Voltage (V)</b>	<b>Freq. (Hz)</b>	<b>Test Report Number</b>
PC 2x32/42-36 TC Combo Connect	2x32/42W TCT	3 hrs	6	230 (220-240)	50/60	247/4771441 Issue 2
PC 2x32/42-15 TC Combo Connect	2x32/42W TCT	1 hr	5	230 (220-240)	50/60	247/4771441 Issue 2
PC 2x32/42-16C STC Combo Connect	2x32/42W TCT	1 hr	6	230 (220-240)	50/60	247/4771441 Issue 2

Mark Littlejohns, Certification Manager, Product Certification

First Granted: 14 March 1997

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Page 5 of 6

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**Section 7**

**Self-Test and Dali Combined Emergency Modules and Electronics Ballasts for Compact Fluorescent Lamps.**

## New Product Codes

**BSI Report numbers 247/4771441 Issue 2**

<b>Product Code</b>	<b>Product Description</b>	<b>Voltage</b>	<b>Frequency</b>
89899969	EM CONNECT 3 PRO EZ-2	230 (220-240)	50/60 Hz
89899970	EM CONNECT 1 PRO EZ-2	230 (220-240)	50/60 Hz

Mark Littlejohns, Certification Manager, Product Certification

First Granted: 14 March 1997

Date: 22 January 2009

Page 6 of 6

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## Section 8

### Combined Emergency Modules and Electronic Ballasts for LED's

Mark Littlejohns, Certification Manager, Product Certification

First Granted: 14 March 1997

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Page 1 of 3

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## Section 8

Combined Emergency Modules and Electronic Ballasts for LED's

BSI Test Report 247/7104643

Tridonic.Atco Model Number	Lamps	Duration	Cells	Voltage (V)	Freq. (Hz)	Test Report Number
EmpowerLED 1 W BASIC	1W LED	1/2/3 hrs	2/3	220 – 240 V	50/60 Hz	247/7104643
EmpowerLED 1 W ST	1W LED	1/2/3 hrs	2/3	220 – 240 V	50/60 Hz	247/7104643
EmpowerLED 1 W PRO	1W LED	1/2/3 hrs	2/3	220 – 240 V	50/60 Hz	247/7104643
EmpowerLED 2 W BASIC	2W LED	1/2/3 hrs	3/4/5	220 – 240 V	50/60 Hz	247/7104643
EmpowerLED 2 W ST	2W LED	1/2/3 hrs	3/4/5	220 – 240 V	50/60 Hz	247/7104643
EmpowerLED 2 W PRO	2W LED	1/2/3 hrs	3/4/5	220 – 240 V	50/60 Hz	247/7104643

### Notes:

Two case variants are available allowing for screw fix or clip fix

Product Code	Product Description	Voltage	Frequency
89899971	EmpowerLED 1 W PRO-2 screw fixing	230 – 240 V	50 / 60 Hz
89899972	EmpowerLED 2 W PRO-2 screw fixing	230 – 240 V	50 / 60 Hz
89899973	EmpowerLED 1 W PRO-2 clip fixing	230 – 240 V	50 / 60 Hz
89899974	EmpowerLED 2 W PRO-2 clip fixing	230 – 240 V	50 / 60 Hz

**Classification :** Built-in. **Tc :** +70°C.

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Page 2 of 3

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**Section 8**

**Combined Emergency Modules and Electronic Ballasts for LED's**

**The following products are based on test report 247/7104643**

**Brand name Thorn**

<b>Product Code</b>	<b>Product Description</b>
89800035	EMpowerLED 1 W BASIC
89800034	EMpowerLED 1 W ST
89800029	EMpowerLED 1 W PRO EZ-3 screw fixing
89800030	EMpowerLED 2 W PRO EZ-3 screw fixing
89800031	EMpowerLED 1 W PRO EZ-3 clip fixing
89800032	EMpowerLED 2 W PRO EZ-3 clip fixing

<b>Voltage</b>	<b>Frequency</b>
230 – 240 V	50 / 60 Hz

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Date: 12 February 2010

Page 3 of 3

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## Section 9

### Emergency LED Driver Modules

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Page 1 of 4

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### Section 9

#### EM Power LED drivers

**BSI reports 2247/7719739 1 of 2 & 2247/7719739 2 of 2**

**Rating 230 / 240 V AC/DC 50/60 Hz**

89800047 EMpower 1 LED DALI HO 140	89800055 EMpower2 LED DALI 2xHO
89800048 EMpower 1 LED DALI HO	89800075 EMpower2 LED DALI 1xHO / 1xLO
89800072 EMpower 1 LED DALI LO	89800076 EMpower2 LED DALI 2xLO
89800051 EMpower 1 LED NTx HO 140	89800057 EMpower2 LED NTx 2xHO
89800052 EMpower 1 LED NTx HO	89800079 EMpower2 LED NTx 1xHO / 1xLO
89800074 EMpower 1 LED NTx LO	89800080 EMpower2 LED NTx 2xLO
89800053 EMpower 1 LED NPS HO 140	89800058 EMpower2 LED NPS 2xHO
89800054 EMpower 1 LED NPS HO	89800083 EMpower2 LED NTS 1xHO / 1xLO
89800082 EMpower 1 LED NPS LO	89800081 EMpower2 LED NPS 2xLO

Mark Littlejohns, Certification Manager, Product Certification

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Date: 10 October 2011

Page 2 of 4

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## Scope of Certified Products

for

ENEC LICENCE No. ENEC 36210

TRIDONICATCO UK LIMITED  
HOUSE OF LIGHT  
BUTCHERS RACE  
GREEN LANE INDUSTRIAL ESTATE  
SPENNYMOOR  
COUNTY DURHAM  
DL16 6JE  
UNITED KINGDOM

### Section 9

#### EM Power LED drivers

BSI reports 2413/7757486 1 of 2 & 2413/7757486 2 of 2

#### Rating 230 / 240 V AC/DC 50/60 Hz

59004064 EM POWER1 CT LED NT1 1/650mA 140x30x21	59004081 EM POWER1 CT LED NSI 1/650mA
59004065 EM POWER1 CT LED NT3 1/650mA 140x30x21	59004083 EM POWER1 CT LED E3TX 1/650mA 160x30x21
59004066 EM POWER1 CT LED NSI 2 x 6/150mA	59004085 EM POWER1 CT LED NSI 2 x 6/330mA
59004067 EM POWER1 CT LED NSI 2 x 6/210mA	59004089 EM POWER1 CT LED NSI 1 x 6/43mA
59004068 EM POWER1 CT LED NSI 6/270mA	59004090 EM POWER1 CT LED NSI 1 x 6/58mA

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Page 3 of 4

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### Section 9

#### EM Power LED drivers: Continued

59004069 EM POWER1 CT LED NSI  
1/650mA

59004091 EM POWER1 CT LED NSI 1 x  
6/100mA

59004074 EM POWER2 CT LED NSI  
1/350mA  
2 x 6/212mA

59004100 EM POWER2 B CT LED NSI  
1/350mA 1 x 6/100mA

59004075 EM POWER2 CT LED NSI 2 x 2 x  
6/212mA

59004101 EM POWER2 B CT LED NSI  
2 x 1 x 6/100mA

59004079 EM POWER1 CT LED NT1  
1/650mA 160x30x21

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Page 4 of 4

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