

# SMARTSYSTEMSUK

▶ SWITCHED ON LIGHTING SOLUTIONS

Lighting & Emergency Lighting Components

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[www.smartsystemsuk.com](http://www.smartsystemsuk.com)

# Facilities Management

Welcome to our new Lighting & Emergency Lighting components catalogue.

Here at our Coventry headquarters we have literally thousands of branded components from the suppliers featured below.

To back up our stock holding, we have 8 tele-sales people who share considerable experience and expertise in this sector.

Orders placed before 3pm will enjoy a next day service.

**TRIDONIC**  
enlightening your ideas

**V5**  
A New Lighting Experience

**PHILIPS**

**VENTURE**  
LIGHTING

**elt**

**BJB**

Your Connection to Light

**elp**  
emergency lighting products

**AAG STUCCHI**

**Helvar**

**OSRAM**

**b,a,g,**

**EXISTALITE**  
EMERGENCY LIGHTING

**mackwell**


**lp liteplan**  
emergency lighting

**ORBIK**

**YUASA**

**one**  
**LUX**

**Harvard**  
ENGINEERING PLC

	Lamp Type	Part Number	No. of Cells	Dimensions (mm)
<b>ELP Emergency Modules</b>				
	9/11w TCS 10/13/18/26w TCD	OM336	3	210x40x28
	13w TCT 13w T5 16w 2D			
	18/36w TCL 18/36w T8 24w TCF			
	9/11w TCS 10/13/18/26w TCD	OM458	4	210x40x28
	13/18w TCT 13w T5 16/28/38w 2D			
	18/24/36/40/55w TCL 18/36/50/58w T8 24/36w TCF			
	9/11w TCS 10/13/18/26w TCD	OM570	5	210x40x28
	13/18/26/57w TCT 13w T5			
	16/28/38w 2D 18/24/36/40/55w TCL			
	18/36/50/58/70w T8 24/36w TCF			
	10/13/18/26w TCD 11w TCS	OM421T5	4	210x40x28
	13/26w TCT 14/21w T5			
	16/28w 2D 18/24w TCL			
	13/18/26/32/42w TCT 14/21/28/35w T5	OM535T5	5	210x40x28
	18/24/36/40w TCL 18/26w TCD			
	28/38w 2D 36w TCF			
	24/49w T5	OM52449	5	210x40x28
	39/54w T5 55w 2D 55w T5C	OM53954	5	210x40x28
	55w TCL 80w T5 80w TCL			
	13/18/26/32w TCT 14/21/24/28/35/39w T5	OM635LP	6	260x31x21.5
16/28/38w 2D 18/24/36w TCL				
18/26w TCD 18w T8 24/36w TCF				
32/42/57/70w TCT 35/39/49/54/80w T5	OM680LP	6	260x31x21.5	
36/40/55/80w TCL 36w TCF				
38/55w 2D 55w T5C 70w T8				

#### ELP Combined Emergency Modules/HF Ballasts



13/18w TCD	IM418	4	150x72x30
16/21/28w 2D	IM428	4	150x72x30
38w 2D	IM438	4	150x72x30
18/26w TCD/TCT	IM526	5	150x72x30
28w T5	IM528	5	424x40x28
35w T5	IM535	5	424x40x28
40w TCL	IM540	5	424x40x28
32/42w TCT	IM642	6	150x72x30
55w TCL	IM655	6	424x40x28


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#### ELT Electronic Ballasts



1x7/9/11w TCS 1x13w TCT 1x16w 2D	BE213TC3		108x69x30
2x7/9/11w TCS 2x13w TCD			
1x18w TCT 2x18w TCD	BE218TC3		108x69x30
1x26/32/42w TCT 1x18/24/36/40w TCL	BE226TC3		108x69x30
1x22/40w T5C 2x26w TCD			
2x18/24w TCL 2x22w T5C			
1x26/32/42/57/70w TCT 1x18/24/36/40w TCF	BE242TC3		108x69x30
1x22/40w T5C 2x26/32/42w TCT			
2x18/24/36w TCL 2x22w T5C			
1x18/30/36w T8 1x18/36w TCL 1x24/39w T5	BE2362		230x40x28
2x18/30/36w T8 2x18/36w TCL 2x24/39w T5			




	Lamp Type	Part Number	No. of Cells	Dimensions (mm)
<b>ELT Electronic Ballasts</b>				
	1x58w T8 1x55w TCL 1x54w T5	BE2582		230x40x28
	2x58w T8 2x55w TCL 2x54w T5			
	3x18w T8/TCL 4x18w T8/TCL	BE4182		230x40x28
	3x18/30/36w T8 3x18/36w TCL	BE4362		230x40x28
	3x24/39w T5 4x18/30/36w T8			
	4x18/36w TCL 4x24w T5			
	1x14/21/28/35w T5	BE11435T5		360x30x21
	2x14/21/28/35w T5	BE21435T5		360x30x21
	3x14w T5 4x14w T5	BE414T52		230x40x28
	3x24w T5 3x18/24w TCL 3x18w T8	BE424T52		360x40x28
	4x24w T5 4x18/24w TCL 4x18w T8			
	1x24w T5 1x18w T8 1x18/24w TCL	BE124T5		360x30x21
	1x39w T5	BE139T5		360x30x21
	1x49w T5	BE149T5		360x30x21
	1x54w T5	BE154T5		360x30x21
	1x80w T5	BE180T5		360x30x21
	2x18/24w TCL 2x24w T5 2x18w T8	BE224T5		360x30x21
	2x39w T5	BE239T5		360x30x21
	2x49w T5	BE249T5		360x30x21
2x54w T5	BE254T5		360x30x21	
2x80w T5	BE280T5		360x40x28	

**ELT 0-10v Dimmable Ballast**

1x14/21/28/35w T5	DBE11435	360x30x26
1x18/25/36w T8 1x18/24/36/40w TCL	DBE11840	360x30x26
1x18/24/36w TCF 1x24/39w T5		
1x58w T8 1x55w TCL 1x54w T5	DBE15458	360x30x26
2x14/21/28/35w T5	DBE21435	360x30x26
2x18/25/36w T8 2x18/24/36/40w TCL	DBE21840	360x30x26
2x18/24/36w TCF 2x24/39w T5		
2x54w T5 2x55w TCL 2x58w T8	DBE25458	360x30x26


**ELT Electronic Ballasts 110-260v 50/60hz**


1x14/18w T8	BE1184UN	230x40x28
1x25/30w T8 1x28w 2D	BE1304UN	230x40x28
1x36w T8	BE1364UN	230x40x28
1x58w T8	BE1584UN	230x40x28
1x15/18w T8 2x15/18w T8	BE2184UN	230x40x28
1x15/25/30w T8 1x28w 2D 2x15/25/30w T8 2x28w 2D	BE2304UN	230x40x28
1x18/36w T8 2x18/36w T8	BE2364UN	230x40x28


	Wattage	Part Number	No. of Cells	Dimensions (mm)
<b>ELT Electronic Ballasts For Metal Halide Lamps</b>				
	20	BE120MH2		111x75x30
	35	BE135MH2		111x75x30
	70	BE170MH2		111x75x30
	150	BE1150MH2		147x75x32
	Terminal Cover To Suit Above Ballasts	BEMHTC		




	Lamp Type	Part Number	No. of Cells	Dimensions (mm)
<b>Existalite Emergency Modules</b>				
	4/6/8/13w T5 15/18/30/36w T8 20/30w T12 20w U	ZT3EA	3	215x38x29
	14w T5 5/7/9/11w TCS 10/13/18w TCD	ZT3EB	3	215x38x29
	13/18w TCT 18w TCL 10/16/55w 2D 18w TCF			
	4/6/8/13w T5 15/18/30/36/58w T8	ZT3FA	4	215x38x29
	20/30/40w T12 20/40w U			
	14/21/24w T5 22w T5C 10/13/18/26w TCD	ZT3FB	4	215x38x29
	13/18/26w TCT 18/24w TCL			
	10/16/21/28w 2D 18/24w TCF			
	24/34/36w TCL 24/36w TCF	ZT3FC	4	215x38x29
	4/6/8/13w T5 15/18/30/36/58/70w T8	ZT3GA	5	215x38x29
	20/30/40/65w T12 20/40w U			
	28/49w T5 40w T5C 28/38w 2D	ZT3GB	5	215x38x29
	39/54w T5 40w TCL	ZT3GC	5	215x38x29
	4/6/8/13w T5 15/18/30/36/58/70w T8	ZT3HA	6	215x38x29
	20/30/40/65/85/100w T12 20/40w U			
	80w T5 55/60w T5C 55/80w TCL	ZT3HB	6	215x38x29
	55w 2D 32/42w TCT(non-amalgam only)			
	35w T5	ZT3HC	6	215x38x29
	4/6/8/13w T5 18/36w T8	ZV3EA	3	155x42x30
	10/13/18w TCD 5/7/9/11w TCS 18w TCL 10/16w 2D	ZV3EB	3	155x42x30
	4/6/8/13w T5 18/36/58w T8	ZV3FA	4	155x42x30
	10/13/18/26w TCD 13/18/26w TCT	ZV3FB	4	155x42x30
	18/24w TCL 10/16/21/28w 2D			
	24/34/36/40w TCL	ZV3FC	4	155x42x30
	4/6/8/13w T5 18/36/58/70w T8	ZV3GA	5	155x42x30
	14w T5	ZW3EB	3	295x29x21
	14/21/24w T5 22w T5C	ZW3FB	4	295x29x21
	28/49w T5 40w T5C	ZW3GB	5	295x29x21
	39/54w T5	ZW3GC	5	295x29x21
	80w T5 55/60w T5C	ZW3HB	6	295x29x21
	35w T5	ZW3HC	6	295x29x21

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	Lamp Type	Part Number	Voltage	Dimensions (mm)
<b>Existalite Inverters For Use In Central Battery Systems</b>				
	4-100w	XT3CB50	50	230x43x28
	4-100w	XT3CB110	110	230x43x28
	4-100w	XK3CB50	50	155x42x30
	4-100w	XK3CB110	110	155x42x30


	Lamp Type	Part Number	No. of Cells	Dimensions (mm)
<b>Existalite Combined HF Ballasts/ Emergency Modules</b>				
	3x14w T5 4x14w T5	XCU4143E	3	424x42x28
	2x18w T8	XCU2183E	3	424x42x28
	3x18w T8 4x18w T8	XCU4183E	3	424x42x28
	1x36w T8	XCU1363E	3	424x42x28
	2x36w T8	XCU2363E	3	424x42x28
	3x36w T8 4x36w T8	XCU4363E	3	424x42x28

	Lamp Type	Part Number	No. of Cells	Dimensions (mm)	
<b>Existalite Combined HF Ballasts/ Emergency Modules</b>					
	1x58w T8	XCU1583F	4	424x42x28	
	2x58w T8	XCU2583F	4	424x42x28	
	1x70w T8	XCU1703G	5	424x42x28	
	2x70w T8	XCU2703G	5	424x42x28	
	2x55w TCL	XCU2553H	6	424x42x28	
	1x16/21w 2D	XCR1213E	3	164x93x35	
	1x28w 2D	XCR1283E	3	164x93x35	
	1x28w 2D	XCR1283F	4	164x93x35	
	1x38w 2D	XCR1383F	4	164x93x35	
	1x10/13w TCD 2x10/13w TCD	XCR2133E	3	164x93x35	
	1x18w TCD 2x18w TCD	XCR2183E	3	164x93x35	
	1x26w TCD/TCT 2x26w TCD/TCT	XCR2263F	4	164x93x35	
	■ For batteries see page 39				


	Lamp Type	Part Number	Dimensions (mm)	
<b>Helvar Electronic Ballasts</b>				
	1x14/21/28/35w T5 1x14/21/28/35w T5ECO	EL1X1435NGN5	190x30x21	
	1x18w T8	EL1X18NGN	280x30x28	
	1x24w T5 1x24w T5ECO 1x24w TCL	EL1X24NGN5	190x30x21	
	1x36w T8	EL1X36NGN	280x30x28	
	1x39w T5 1x39w T5ECO 1x36w TCL	EL1X3936NGN5	190x30x21	
	1x49w T5 1x49w T5ECO	EL1X49NGN5	190x30x21	
	1x54w T5 1x54w T5ECO	EL1X54NGN5	190x30x21	
	1x55w TCL 1x55w T5C	EL1X55NGN5	190x30x21	
	1x58w T8	EL1X58NGN	280x30x28	
	1x80w T5 1x80w T5ECO 1x80w TCL	EL1X80NGN5	190x30x21	
		2x14/21/28/35w T5 2x14/21/28/35w T5ECO	EL2X1435NGN5	280x30x21
		2x18w T8	EL2X18NGN	280x30x28
		2x24w T5 2x24w T5ECO 2x24w TCL	EL2X24NGN5	280x30x21
		2x36w T8	EL2X36NGN	280x30x28
2x39w T5 2x39w T5ECO 2x36w TCL		EL2X3936NGN5	280x30x21	
2x49w T5 2x49w T5ECO		EL2X49NGN5	280x30x21	
2x54w T5 2x54w T5ECO		EL2X54NGN5	280x30x21	
2x55w TCL		EL2X55NGN5	360x30x21	
2x58w T8		EL2X58NGN	280x30x28	
2x80w T5 2x80w T5ECO 2x80w TCL		EL2X80NGN5	360x30x21	
		3x14w T5 3x14w T5ECO 4x14w T5 4x142 T5ECO	EL34X14NGN5	280x30x21
		3x18w T8 4x18w T8	EL34X18NGN	280x30x21
		3x24w T5 3x24w T5ECO 3x24w TCL	EL34X24NGN5	280x30x21
		4x24w T5 4x24w T5ECO 4x24w TCL		
	4x14w T5	EL4X14NGN5	280x30x21	
	1x9/11w TCS 1x10/13w TCD 1x13w TCT	EL1X913TCS	103x67x28	
	1x10/16w 2D 1x14/21/28w T5 1x9/11w TCS	EL12X913TCS	103x67x28	
	1x10/13w TCD 1x13w TCT 2x9/11w TCS			
	2x10/13w TCD 2x13w TCT			
	1x14/17w PLR	EL1X1417TCS	103x67x28	
	1x14/17w PLR 2x14/17w PLR	EL12X1417TCS	103x67x28	
	1x18w TCD 1x18w TCT	EL1X18TCS	103x67x28	
	1x18/24/36/40w TCL 1x18/24w TCF	EL1X1842TCS	103x67x28	
	1x22/40w T5C 1x26w TCD 1x26/32/42/57w TCT			
1x18w TCD 1x18w TCT 2x18w TCD 2x18w TCT	EL12X18TCS	103x67x28		

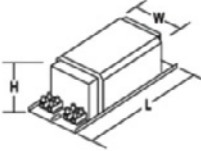
	Lamp Type	Part Number	Dimensions (mm)
<b>Helvar Electronic Ballasts</b>			
	1x18/24/36/40w TCL 1x18/24/36w TCF	EL12X1842TCS	103x67x28
	1x21/28w 2D 1x22/40w T5C 1x26w TCD		
	1x26/32/42/57w TCT 2x18/24w TCL		
	2x18/24w TCF 2x26w TCD 2x26w TCT		
	1x36w TCL 2x36w TCL 1x36w TCF	EL12X3638TCS	103x67x28
	1x38w 2D 2x36w TCF 2x38w 2D		
	2x30w T8 2x26w TCD 2x26/32/42w TCT	EL2X3242TCS	103x67x28
	1x14/21/28/35w T5 1x14/21/28/35w T5	EL1X1435IDIM	360x30x21
	1x18w TCD 1x18w TCT 2x18w TCD 2x18w TCT	EL12X18IDIMC	123x79x28
	1x18/24w TCL 1x18/24w TCF 1x22/40w T5C 2x18/24w TCL 2x18/24w TCF	EL12X1824IDIMC	123x79x28
1x24w T5 1x24w T5 1x24w TCL	EL1X24IDIM	360x30x21	
1x26w TCD 1x26/32/42/57w TCT 2x26w TCD 2x26w TCT	EL12X2642IDIMC	123x79x28	
1x36w T8 1x36w TCL	EL1X36IDIM	360x30x21	
1x39w T5	EL1X39IDIM	360x30x21	
1x49w T5 1x49w T5	EL1X49IDIM	360x30x21	
1x54w T5 1x54w T5	EL1X54IDIM	360x30x21	
1x55w TCL	EL1X55IDIM	360x30x21	
1x80w T5 1x80w T5 1x80w TCL	EL1X80IDIM	360x30x21	
2x14/21/28/35w T5 2x14/21/28/35w T5	EL2X1435IDIM	430x30x21	
2x24w T5 2x24w T5 2x24w TCL	EL2X24IDIM	430x30x21	
2x26/32/42w TCD 2x26/32/42w TCT	EL2X2642IDIMC	123x79x28	
2x36w T8 2x36w TCL	EL2X36IDIM	430x30x21	
2x39w T5	EL2X39IDIM	430x30x21	
2x49w T5 2x49w T5	EL2X49IDIM	430x30x21	
2x54w T5 2x54w T5	EL2X54IDIM	430x30x21	
2x55w TCL	EL2X55IDIM	430x30x21	
2x80w T5 2x80w T5 2x80w TCL	EL2X80IDIM	430x30x21	
3x14w T5 3x14w T5	EL3X14IDIM	430x30x21	
4x14w T5 4x14w T5	EL4X14IDIM	430x30x21	

	Wattage	Part Number	Max Distance to Lamp	Dimensions (mm)
<b>Helvar Electronic Ballasts For Metal Halide Lamps</b>				
	20	EP1X20H	2m	95x60x30
	35	EP1X35H	2m	95x60x30
	50	EP1X50H	2m	105x65x30
	70	EP1X70H	2m	105x65x30
	Terminal Cover To Suit Above Ballasts	EPSR	2m	

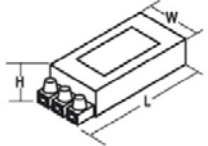
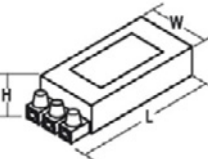
	Lamp Type	Part Number	Dimensions (mm)
<b>Helvar 0-10v Dimmable Ballasts</b>			
	1x14w T5 1x14w T5	EL1X14SC	360x30x21
	1x18w T8	EL1X18SC	360x30x21
	1x21w T5 1x21w T5	EL1X21SC	360x30x21
	1x24w T5 1x24w T5 1x24w TCL 1x24w TCF	EL1X24SC	360x30x21
	1x28w T5 1x28w T5	EL1X28SC	360x30x21
	1x35w T5 1x35w T5	EL1X35SC	360x30x21






	Lamp Type	Part Number	Dimensions (mm)
<b>Helvar 0-10v Dimmable Ballasts</b>			
	1x36w T8 1x36w TCL 1x36w TCF	EL1X36SC	360x30x21
	1x39w T5 1x40w TCL 1x40w T5C	EL1X39SC	360x30x21
	1x49w T5 1x49w T5	EL1X49SC	360x30x21
	1x54w T5 1x54w T5	EL1X54SC	360x30x21
	1x55w TCL	EL1X55SC	360x30x21
	1x58w T8	EL1X58SC	360x30x21
	1x70w T8	EL1X70SC	360x30x21
	1x80w T5 1x80w T5 1x80w TCL	EL1X80SC	360x30x21
	2x14w T5 2x14w T5	EL2X14SC	430x30x21
	2x18w T8	EL2X18SC	430x30x21
	2x21w T5 2x21 T5	EL2X21SC	430x30x21
	2x24w T5 2x24w T5 2x24w TCL 2x24w TCF	EL2X24SC	430x30x21
	2x28w T5 2x28w T5	EL2X28SC	430x30x21
	2x35w T5 2x35w T5	EL2X35SC	430x30x21
	2x36w T8 2x36w TCL 2x36w TCF	EL2X36SC	430x30x21
	2x39w T5 2x40w TCL	EL2X39SC	430x30x21
	2x49w T5 2x49w T5	EL2X49SC	430x30x21
	2x54w T5 2x54w T5	EL2X54SC	430x30x21
	2x55w TCL	EL2X55SC	430x30x21
	2x55w TCL	EL2X58SC	430x30x21
4x14w T5 4x14w T5	EL4X14SC	430x30x21	
4x18w T8	EL4X18SC	430x30x21	

	Lamp Type	Voltage/Frequency	Part Number	Dimensions (mm)
<b>Helvar Switch Start Chokes</b>				
	1x4/6/8w T5 2x4w T5	240/50	L8D	85x42x28
	1x8w T5 1x5/7/9/11w TCS	240/50	L11D	85x42x28
	1x13w T5 1x10/13w TCD 2x6w T5 2x5/7/9w TCS	240/50	L13D	85x42x28
	1x15/25w T8	240/50	L15A	150x42x28
	1x16w T8 1x16w 2D 2x8w T5	240/50	L16D	85x42x28
	1x18w T8 1x26w TCD 1x18w TCL	240/50	L18AK	150x42x28
	1x18w TCD	240/50	L18D	85x42x28
	1x18w TCL	240/50	L18TL4	150x42x29
	1x26w TCD 1x24w TCL	240/50	L26TS5100	110x42x29
	1x30w T8 1x22w Circ 2x15w T8	240/50	L30A	150x42x28
	1x30w T8 2x15w T8	240/50	L30AP	150x42x28
	1x36/38w T8 1x36w TCL 2x18w T8 2x18w TCL	240/50	L36AK	150x42x28
	1x36/38w T8 1x36w TCL 2x18w T8 2x18w TCL	240/50	L36AT	150x42x28
	1x36/38w T8 1x36w TCL 2x18w T8 2x18w TCL	240/50	L36TL2	150x42x29
	1x58w T8	240/50	L58AK	190x42x28
	1x58w T8	240/50	L58AT	190x42x28
	1x58w T8	240/50	L58TL2	230x42x29
	1x70w T8	240/50	L75AS	190x42x28
	1x70w T8	240/50	L70TL4	190x42x29
	1x100/125w T8	240/50	L100TE61	230x42x29
2x18w T8	240/50	L2X18AL	230x42x29	
2x18w T8	240/50	L2X18AN	230x42x29	

	Lamp Type	Input Voltage	Cap. Req (mfd/volt)	Part Number	Dimensions (mm)
<b>Helvar Ballasts For Discharge Lamps</b>					
	35w MH	230/240	6/250	NK35LUP	114x54x46
	50/70w HPS/MH	230/240	8/250 12/250	NK7050LU	114x54x46
	50/80w MBFU	230/240	8/250	E8050LU	114x54x46
	50w HPS 50w MH	230/240	8/250	NK50LU	114x54x46
	50w HPS/MH	230/240	8/250	NK50LUP	114x54x46
	70w HPS/MH	230/240	12/250	NK70LU	114x54x46
	70w HPS/MH	230/240	12/250	NK70LUP	114x54x46
	70w HPS/MH	230/240	12/250	NK70LUPE	114x54x46
	70w HPS/MH	230/240	12/250	NK70LUPK	114x54x46
	80/125w MBFU	230/240	10/250	E12580LU	114x54x46
	100w HPS	230/240	12/250	NK100LU	114x54x46
	100w HPS/MH	230/240	12/250	NK100LUP	114x54x46
	100/150w HPS	230/240	12/250 20/250	NK150100SEP	180x69x53
	150w HPS/MH	230/240	20/250	NK150TL	135x70x85
	150w HPS/MH	230/240	20/250	NK150TLP	135x70x85
	150w HPS	230/240	20/250	NK150SE	145x69x53
	150w HPS/MH	230/240	20/250	NK150SEP	145x69x53
	150w HPS/MH	230/240	20/250	NK150SEPK	160x69x53
	250w MBFU	240	18/250	E250SE	145x69x53
	250w MBFU	230/240	18/250	E250T	135x70x85
	250w HPS/MH	240	32/250	NK250SE	180x69x53
	250w HPS/MH	230/240	32/250	NK250SEP	180x69x53
	250w HPS	230/240	32/250	NK250T	135x70x85
	250w HPS	230/240	32/250	NK250F	104x70x85
	250w HPS/MH	230/240	32/250	NK250TP	135x70x85
	250w HPS/MH	230/240	32/250	NK250FP	104x70x85
	250w HPS/MH	230/240	32/250	NK250TLK	135x70x85
	250w HPS/MH	230/240	32/250	NK250TLPK	135x70x85
	400w MBFU/MH	240	25/250 MBFU 35/250 MH	E400SE	180x69x53
	400w MBFU/MH	240	25/250 MBFU 35/250 MH	E400F	104x70x85
	400w MBFU/MH	230/240	25/250 MBFU 35/250 MH	E400TP	135x70x85
	400w MBFU/MH	230/240	25/250 MBFU 35/250 MH	E400FP	104x70x85
400w HPS	230/240	50/250	NK400T	165x70x85	
400w HPS	230/240	50/250	NK400F	135x70x85	
400w HPS/MH	230/240	50/250 HPS 45/250 MH	NK400TP	165x70x85	
400w HPS/MH	230/240	50/250 HPS 45/250 MH	NK400FP	135x70x85	
400w HPS/MH	230/240	50/250 HPS 45/250 MH	NK400TE	165x70x85	
400w HPS/MH	230/240	50/250 HPS 45/250 MH	NK400FE	135x70x85	
400w HPS/MH	230/240	50/250 HPS 45/250 MH	NK400TEP	165x70x85	
400w HPS/MH	230/240	50/250 HPS 45/250 MH	NK400FEP	135x70x85	
600w HPS	230/240	65/250	NK600T2	104x70x85	

	Lamp Type	Part Number	Max Distance to Lamp	Dimensions (mm)
<b>Helvar Superimposed Ignitors Without Timer</b>				
	35/50/70w HPS	L70	1m	88x34x28
	100/150w HPS 35/70/100/150w CMH/MH	L150	1m	88x34x28
	100/150/250/400w HPS	HI400S	1m	92x38x32
	35/70/100/150/250/400w CMH/MH			
	100/150/250/400/600w HPS	L600	1m	92x43x36
	35/70/100/150/250/400 CMH/MH			
	100/150/250/400/600/1000w HPS	L1000S	1m	108x55x43
	35/70/100/150/250/400w CMH			
	35/70/100/150/250/400/1000w MH			
	35/50/70w HPS	LSI70T1	1m	88x34x28
	100/150w HPS 35/70/100/150w CMH/MH	LSI150T20	1m	88x34x28
	100/150/250/400w HPS			
35/70/100/150/250/400w CMH/MH	LHI400ST10	1m	92x38x32	
100/150/250/400w HPS				
35/70/100/150/250/400w CMH/MH	LSI400ST20	1m	92x38x32	
100/150/250/400/600w HPS				
35/70/100/150/250/400 CMH/MH	LSI600T20	1m	92x43x36	
100/150/250/400/600/1000w HPS				
35/70/100/150/250/400w CMH				
35/70/100/150/250/400/1000w MH	LSI1000T10	1m	108x55x43	



	Wattage	Part Number	Current	Input Voltage	Output Voltage	Dimensions (mm)
<b>Helvar LED Drivers</b>						
	Max 20w	LL1X20EDA	350/500/ 700mA	198-264v	350mA 10-57v 500mA 10-40v, 700mA 10-28v	184x40x25.2
	350mA max 21w 500/700mA max 30w	LC1X30EDA	350/500/ 700mA	198-264v	350mA 10-60v, 500mA 10-60v, 700mA 10-43v	106x67x28
	350mA max 21w 500/700mA max 30w	LC1X30EAN	350/500/ 700mA	198-264v	350mA 10-60v, 500mA 10-60v, 700mA 10-43v	106x67x28
	350mA max 28w, 1050mA max 40w	LL1X40EDA	350-1050mA	198-264v	350mA 20-80v 1050mA 20-38v	380x35x21
	Max 70w	LL1X70EDA	350-700mA	198-264v	350mA 50-200v 700mA 50-100v	280x30x21
	Max 35w	LL2X35EDA	350-700mA	198-264v	350mA 25-100v 700mA 25-50v	380x35x21
	Max 50w	LC50UDX3	350-1050mA	90-305v	10-55v	130x76x30
	350mA max 5.6w, 700mA 7w	LL6UCC	350/700mA	85-264v	350mA 7-16v 700mA 7-10v	118x40x21.2
	350mA max 15w 700mA max 20.3w	LL20UCC	350/700mA	85-264v	350mA 12-43v 700mA 12-29v	184x40x25.2
	350mA max 21w 500/700mA max 30w	LC1X30ECC	350/500/ 700mA	198-264v	350/500mA 10-60v 700mA 10-43v	106x67x28
	350mA max 28w 1050mA max 40w	LL1X40ECC	350-1050mA	198-264v	350mA 20-80v 1050mA 20-38v	184x46.5x28
	Max 70w	LL1X70ECC	350-700mA	198-264v	350mA 50-200v 700mA 50-100v	280x30x21
	Max 35w per channel	LL2X35ECC	350-700mA	198-264v	350mA 25-100v 700mA 25-50v	380x35x21
	350mA max 31.5w 700mA max 63w 1400mA max 58.8w	OL1X60ECC	350/700/ 1400mA	198-264v	350mA 60-90v 700mA 35-90v 1400mA 35-42v	149x53x35
	700mA max 84w 1050mA max 105w	OL1X100ECC1	700/1050mA	198-264v	700mA 70-120v 1050mA 70-100v	234x53x35
	Max 101w	OL1X100ECC2	1400/2100mA	198-264v	1400mA 30-72v 2100mA 30-48v	234x53x35

	Lamp Type	Part Number	No. of Cells	Dimensions (mm)
<b>Liteplan Emergency Modules</b>				
	See chart opposite	HRN3	3	165x45x29
	See chart opposite	HRN4	4	165x45x29
	See chart opposite	HRN5	5	165x45x29
	See chart opposite	HRNT54/21+22	4	165x45x29
	See chart opposite	HRNT54/14+24	4	165x45x29
	See chart opposite	HRNT56/28+54	6	165x45x29
	See chart opposite	HRNT56/35+49	6	165x45x29
	See chart opposite	PRA4	4	165x45x29
	See chart opposite	PRA6/17	6	165x45x29
	See chart opposite	PRA6/55	6	165x45x29
	See chart opposite	LLS5	5 NiMh only	292x31.5x21
	See chart opposite	LLS6	6 NiMh only	292x31.5x21


\*Kit versions also available

■ For batteries see page 39


	HRN3	HRN4	HRN5	HRNT 5421 +22	HRNT 5414 +24	HRNT 5628 +54	HRNT 5635 +49	PRA4	PRA617	PRA655	LLS5	LLS6
4w T5	■	■	■									
5w TCEL	■	■	■									
7w TCEL	■	■	■									
8w T5	■	■	■									
9w TCEL	■	■	■									
10w TCD	■	■	■									
11w TCS	■	■	■									
13w TCD	■	■	■									
14w T5					■						■	■
14w PLR									■		■	■
16w 2D	■	■	■								■	
17w PLR									■		■	■
18w TCL	■	■	■					■		■	■	
18w TCF	■	■	■					■		■	■	■
18w TCD	■	■	■					■		■	■	
18w TCT	■	■	■					■		■	■	
18w T8	■	■	■								■	
21w T5				■							■	■
22w TSC				■							■	■
24w T5					■						■	■
24w TCL	■	■	■					■		■	■	■
24w TCF	■	■	■					■		■	■	■
26w TCD	■	■	■					■		■	■	■
26w TCT	■	■	■					■		■	■	■
28w T5						■						■
28w 2D	■	■	■					■		■	■	■
32w TCT								■		■	■	■
34w TCL	■	■	■							■	■	■
35w T5							■					■
36w TCL	■	■	■							■	■	■
36w T8	■	■	■								■	■
36w TCF	■	■	■							■	■	■
38w 2D		■	■							■	■	■
39w T5											■	■
40w T5C										■	■	■
40w TCL		■	■								■	■
42w TCT										■	■	■
49w T5							■					■
54w T5						■						■
55w T5C										■	■	■
55w TCL											■	■
55w 2D										■	■	■
57w TCT		■	■									■
58w T8			■									■
80w T5												■
80w TCL												■

	Lamp Type	Part Number	No. of Cells	Dimensions (mm)
<b>Liteplan Self-Test Emergency Modules</b>				
	4-8w standard fluorescent lamps	VIG38	3	230x43x29
	8-13w standard fluorescent lamps	VIG413	4	230x43x29
	16-28w standard fluorescent lamps	VIG428	4	230x43x29
	30-58w standard fluorescent lamps	VIG458	4	230x43x29
*Kit versions also available				
■ For batteries see page 39				
<b>Liteplan Self-Test Emergency Modules For T5 Lamps</b>				
	14/24w T5	VIGT5414+24	4	230x43x29
	28/54w T5	VIGT5628+54	6	230x43x29
	35/49w T5	VIGT5635+49	6	230x43x29
*Kit versions also available				
■ For batteries see page 39				



	Voltage	Part Number	Dimensions (mm)
<b>Liteplan Inverters For Use With Central Battery Systems</b>			
	24V AC/DC	LCB24*	230x43x29
	50V AC/DC	LCB50*	230x43x29
	110V AC/DC	LCB110*	230x43x29

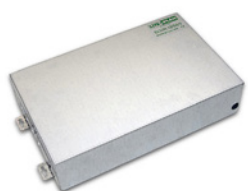
\*Please note wattage and type of lamp must be specified at time of quotation/order


	Lamp Type	Part Number	No. of Cells	Dimensions (mm)
<b>Liteplan Emergency Modules For LED Lamps</b>				
	GU10, T8LEDTUBES 5 - 50W LED	TED3	4	165x45x29
	2 - 20 LEDs in series	NED36-55V	3	165x45x29
	2 - 30 LEDs in series	NED3/86-80V	3	165x45x29
	2 - 20 LEDs in series	NSE3SELFTEST	3	165x45x29
	2 - 30 LEDs in series	NES3/80SELFTEST	3	165x45x29
	2 - 20 LEDs in series	NDA3 DALI/SELF TEST	3	165x45x29
	2 - 30 LEDs in series	NDA3/80 DALI/SELFTEST	3	165x45x29


	Current/Wattage	Part Number	No. of Cells	Dimensions (mm)
<b>Liteplan Emergency Modules For Use With Constant Current LED Devices</b>				

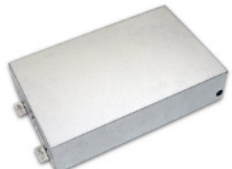
These are all also available as kit versions, complete with battery pack and as full versions including battery pack and LED device


	350mA / 1 or 2x1w	HJT31W	3x NiMH	152x26.5x28.5
	700mA / 3w	HJT33W	3x NiMH	152x26.5x28.5
	350mA / 1w	SHJT31W	3x NiCd	152x26.5x28.5
	700mA / 3w	SHJT33W	3x NiCd	152x26.5x28.5
	350mA / 1w	LST31W	3x NiMH	224x31x21
	700mA / 3w	LST33W	3x NiMH	224x31x21
	700mA / 3w	MST33W	3x NiCd	152x26.5x28.5


	Wattage	Voltage	Part Number	Dimensions (mm)
<b>Liteplan Emergency Kits For Use With Low Voltage Lamps 3hr Duration</b>				
	35w	12V	ELV12A35NM3	380x242x90
	35w	12V	ELV12A35M3	380x242x90
	50w	12V	ELV12A50NM3	380x242x90
	50w	6V	ELV6A50NM3	275x220x60
	50w	12V	ELV12A50M3	380x242x90
	50w	6V	ELV6A50M3	275x220x60
	100w	12V	ELV12A100NM3	385x395x105
	100w	6V	ELV6A100NM3	380x242x90
	100w	12V	ELV12A100M3	385x395x105
	100w	6V	ELV6A100M3	380x242x90


<b>Liteplan Emergency Kits For Use With Low Voltage Lamps 3hr Duration</b>				
	20w	12V	ELV12B20NM3	320x50x60
	20w	6V	ELV6B20NM3	320x47x37
	20w	12V	ELV12B20M3	320x80x60
	20w	6V	ELV6B20M3	360x68x45
	50w	12V	ELV12B50NM3	320x50x60
	50w	6V	ELV6B50NM3	320x47x37
	50w	12V	ELV12B50M3	320x80x60
	50w	6V	ELV6B50M3	360x68x45
	100w	12V	ELV12B100NM3	320x50x60
	100w	6V	ELV6B100NM3	320x47x37
	100w	12V	ELV12B100M3	320x80x60
	100w	6V	ELV6B100M3	360x68x45

	Wattage	Voltage	Part Number	Dimensions (mm)
<b>Liteplan Emergency Kits For Use With Low Voltage Lamps 3hr Duration</b>				
	50w	6V	ELV6M50NM3	230x40x35
	50w	6V	ELV6MMH50NM3	230x40x35
	50w	6V	ELV6MMH50M3	230x40x35

	Wattage	Part Number	Dimensions (mm)
<b>Liteplan Emergency Kits For Use With Mains Voltage Lamps (GU10) 3hr Duration</b>			
	25w Max	MMALA25	380x242x90
	40w Max	MMALA40	380x242x90
	9w Max	MMBNC9	230x40x35 (x2)
	15w Max	MMBLA15	320x50x60 + 230x40x35
	20w Max	MMBLA20	320x50x60 + 230x40x35

	Lamp Type	Part Number	Dim. (mm)
<b>Osram Electronic Ballasts Intelligent Ballasts, non-dimmable</b>			
	1x22/40w T5C, 1x18/36/38w T8, 1x36/40w TCL, 1x36w TCF,	QT112835LED DUALPOWER	423x30x21
	1x14/21/24/39w T5 seamless, 13/19/25/32/20w T5 energy saver,		
	18/36w T8 XT, 18/36w T8XXT, 36w TCL XT, 24/39w T5 HO constant,		
	40w TCL constant, 1x14/21/28/35/24/39wT5		
	1x58w T8, 1x28/54w T5 seamless, 1x13/19/25/32/45/50w T5 energy saver,	QT11X14242139GII	360x30x21
	1x16/22/26/28w TCL HE, 1x54w T5 HO XT 1x58w T8 XT,		
	1x58w T8 XXT 1x49/54 T5 HO 1x14/21/28/35/49/54w T5		
	1x55w T5C, 1x55/80w TCL, 1x13/19/25/32/45/73w energy saver,	QT11X28543549GII	360x30x21
	1x26/28w TCL HE, 1x80w T5HOXT 1x55w TCL XT, 1x49/80w T5,		
	1x55/80w TCL, 1x14/21/28/35/49/80w T5		
	22/40w T5C, 18/36w T8, 36/40w TCL, 36w TCF, 14/21/24/39w T5 seamless,	QT11X354980GII	360x30x21
	13/19/25/32/20w energy saver, 18/36w T8 XT, 18/36w T8 XXT, 36w TCLXT,		
	24/39w T5 constant, 40w TCL constant, 14/21/28/35/24/39w T5		
	2x58w T8, 2x28/54w T5 seamless, 2x13/19/25/32/45/50w T5 energy saver,	QT12X14212139GII	360x30x21
	2x16/22/26/28w TCL HE, 2x54w T5 XT, 2x58w T8 XT, 2x58w T8 XXT,		
	2x49/54w T5 constant, 2x14/21/28/35/49/54w T5		
	2x55/80w TCL, 2x13/19/25/32/45/73w T5 energy saver, 2x26/28w TCL HE,	QT12X28543549GII	360x30x21
	2x80w T5 XT, 2x49/80w T5 constant, 2x55/80w TCL constant,		
	2x14/21/28/35/49/80w T5		
2x13/19/25/32w ES HE, 2x45/73w ES HO, 2x14/21/28w T5,	QT12X354980GII	425x30x21	
2x49/80w T5 HO, 2x55/80w TCL, 2x55w FC			

	Lamp Type	Part Number	Dim. (mm)
<b>Standard Electronic Ballasts</b>			
	1x16/22/26/28w TCL 1x13/19/25/32w ES 1x14/21/28/35w T5	QTP511435GII	280x30x21
	1x30/36w T8 1x24/39w T5	QTP512439GII	280x30x21
	1x45w ES 1x49w T5 1x49w T5 Constant	QTP5149GII	280x30x21
	1x50w ES 1x54w T5 1x54w T5 Constant 1x54w XT 1x58w T8	QTP5154GII	280x30x21
	1x80w TCL, 1x80w T5, 1x80w T5 Constant, 1x80w T5 Constant, 1x80w T5 XT	QTP5180GII	360x30x21
	2x16/22/26/28w TCL 2x13/19/25/32w ES 2x14/21/28/35w T5	QTP521435GII	360x30x21
	2x24/39w T5 2x24/39w T5 Constant 2x30/36w T8	QTP522439GII	360x30x21
	2x45w ES 2x49w T5 2x49w T5 Constant	QTP5249GII	360x30x21
	2x50w ES 2x54w T5 2x54w T5 Constant 2x54w XT 2x58w T8	QTP5254GII	360x30x21
	3/4x14w T5	QTP5314414	280x40x21
	2x55/80w TCL 2x55/80w TCL Constant 2x55w XT	QTFQ280	423x30x21
	2x73w ES 2x80w T5 2x80w T5 Constant 2x80w XT		

	Lamp Type	Part Number	Dimensions (mm)	
<b>Standard Electronic Ballasts</b>				
	1x18w T8 1x18w U 1x18w XT 1x18w XXT	QTP8118	360x30x30	
	1x32/40w C 1x36w U 1x36w UK 1x36w XT 1x36w XXT 1x36w T8 1x38/40w T12	QTP8136	360x30x30	
	1x58w T8 1x58w U 1x58w UK 1x58w XT 1x58w XXT 1x65w T12	QTP8158	360x30x30	
	2x18w T8 2x18w XT 2x18w XXT	QTP8218	423x30x30	
	2x36w T8 2x36w XT 2x36w XXT 2x38/40w T12	QTP8236	423x30x30	
	2x58w T8 2x58w XT 2x58w XXT	QTP8258	423x30x30	
	3/4x18w T8	QTP8318418	423x40x30	
	1x14/21/28/35w T5	QTFIT511435	280x30x21	
	2x14/21/28/35w T5	QTFIT521435	280x30x21	
	3/4x14w T5	QTFIT5314414	280x40x21	
	1x16w ES 1x18w T8 1x18w XT 1x18w XXT	QTFIT8118	280x30x28	
	1x32w ES 1x36w T8 1x36w XT 1x36w XXT	QTFIT8136	280x30x28	
	1x51w ES 1x58/70w T8	QTFIT815870	280x30x28	
	2x16w ES 2x18w T8 2x18w XT 2x18w XXT	QTFIT8218	360x30x28	
	2x32w ES 2x36w T8 2x36/58w XT	QTFIT8236	360x30x28	
	2x51w ES 2x58/70w T8	QTFIT825870	360x30x28	
	3x16w ES 3/4x18w T8 3x18w XT 3x18w XXT	QTFIT8318418	280x40x28	
	3x32w ES 3x36w T8 3x36w XT 3x58w XT	QTFIT8336	280x40x28	
		1x18/24w TCF 1x18/24w TCL 1x18/24w TCLXT 1x15/18w T8 1x18w XT 1x18w XXT	QTPDL11824	239x30x28
		1x36w TCF 1x36/40w TCL 1x36w TCLXT 1x40w TCL constant 1x36w T8	QTPDL13640	239x30x28
1x55w TCL 1x55w TCL Constant 1x55w TCLXT		QTPDL155GII	280x30x21	
2x18/24w TCF 2x18/24w TCL 2x18/24w TCLXT 2x15/18w T8 2x18w XT 2x18w XXT		QTPDL21824	239x40x28	
2x36w TCF 2x36/40w TCL 2x36w TCLXT 2x40w TCL Constant 2x36w T8		QTPDL23640	280x40x28	
2x55w TCL 2x55w TCL Constant 2x55w TCLXT		QTPDL255GII	360x30x21	
		1x26w TCD 1x18/24/36w TCF 1x18/24/36w TCLXT, 1x18/24/36/40w TCL, 1x40w TCL Constant, 1x26/32/42w TCT Constant, 1x26/32/42w TCT, 1x32w TCTXT, 1x22/40w T5C, 1x24/39w T5 Constant, 1x24w T5, 1x18w T8 XT, 1x18w T8XXT, 1x18/36w T8.	QTPM12642	103x67x31
		2x26/32w TCD/TCT	QTPM22632	123x79x33
		2X26/32/42W TCD/TCT	QTM22642	123x79x33
		1X55W T5c	QTPFC155	103x67x31
	1X10/13W TCD	QTPDE11013	93x58x29	
	2X10/13W TCD	QTPDE21013	123x79x33	
1x18w TCD/TCT 2x18w TCD/TCT	QTPTE118218	103x67x31		

### TCI Electronic Ballasts







1x6/8/11/13w T2	BCC113	80x41x18
1x4/6/8/13/14w T5 1x16w T8 1x5/7/9/11w TCS 1x10w TCD 1x10/16w 2D	BCC116	80x41x18
1x14/17w TCT	BCC117	80x41x18
1x14/21w T5 1x13/18w TCD 1x13/18w TCT	BCC121	80x41x18
1x22w T5C 1x21/28w 2D	BCC122	80x41x18
1x24w T5 1x14/15/18w T8 1x18/24w TCL 1x18/24w TCF 1x22w T5C	BCC124	80x41x18
1x24w T5 1x24w TCL 1x24w TCF 1x26w TCD 1x26w TCT 1x22w T5C	BCC126	80x41x18
1x28w T5	BCC128	80x41x18
1x6/8/11/13w T2	BCC113SL	150x22x19
1x4/6/8/13/14w T5 1x16w T8 1x5/7/9/11w TCS 1x10w TCD 1x10/16w 2D	BCC116SL	150x22x19
1x14/21w T5 1x13/18w TCD 1x13/18w TCT	BCC121SL	150x22x19
1x22w T5C 1x21/28w 2D	BCC122SL	150x22x19
1x24w T5 1x14/15/18w T8 1x18/24w TCL 1x18/24w TCF 1x22w T5C	BCC124SL	150x22x19
1x24w T5 1x24w TCL 1x24w TCF 1x26w TCD 1x26w TCT 1x22w T5C	BCC126SL	150x22x19
1x28w T5	BCC128SL	150x22x19




	Part Number	Wattage	Current	Input Voltage	Output Voltage	Dimensions (mm)
<b>Tridonic LED Drivers Fixed output</b>						
	LCI20W350MATECSR	20W	350MA	198-264V	26-57V	102X51X30
	LCI20W500MATECSR	20W	500MA	198-264V	18-40V	102X51X30
	LCI20W700MATECSR	20W	700MA	198-264V	13-29V	102X51X30
	LCI35W350MATECSR	35W	350MA	198-264V	50-100V	160X82X34
	LCI35W500MATECSR	35W	500MA	198-264V	35-70V	160X82X34
	LCI35W700MATECSR	35W	700MA	198-264V	25-50V	160X82X34
	LCI35W1050MATECSR	35W	1050MA	198-264V	16.5-33.5V	160X82X34
	LCI55W900-1750MATOPSR	55W	900-1750MA	198-264V	14-22V	220X85X31
<b>Tridonic LED Drivers Dimmable</b>						
	LCAI20W350MA-900MAECOSR	20W	350-900MA	198-264V	<60V	200X70X31
	LCAI35W350MA-900MAECOSR	35W	350-900MA	198-264V	<120V	200X70X31
	LCAI35W900MA-1750MAECOSR	35W	900-1750MA	198-264V	<60V	200X70X31
	LCAI55W900MA-1750MAECOSR	55W	900-1750MA	198-264V	<60V	200X70X31
	LCAI100W900MA-1750MAECOSR	100W	900-1750MA	198-264V	<120V	200X70X31


	Lamp Type	Part Number	Dimensions (mm)
<b>Tridonic Electronic Ballasts</b>			
	1x14/21/28/35w T5 1x28w TCLHE	PC1/14-35T5PROLP	280x30x21
	2x14/21/28/35w T5 2x28w TCLHE	PC2/14-35T5PROLP	360x30x21
	3x14w T5 4x14w T5	PC3/4/14T5PROLP	360x30x21
	1x24w T5 1x24w TCL	PC1/24T5PRO	280x30x21
	2x24w T5 2x24w TCL	PC2/24T5PRO	360x30x21
	3x24w T5 4x24w T5	PC3/4X24T5PRO	360x30x21
	1x39w T5	PC1/39T5PRO	280x30x21
	2x39w T5	PC2/39T5PRO	360x30x21
	1x49w T5	PC1/49T5PRO	280x30x21
	2x49w T5	PC2/49T5PRO	360x30x21
	1x54w T5	PC1/54T5PRO	280x30x21
	2x54w T5	PC2/54T5PRO	360x30x21
	1x80w T5 1x55w TCL	PC1/80T5PRO	280x30x21
	2x80w T5	PC2/80T5PRO	425x30x21
	1x18w T8	PC1/18T8PRO	230x30x21
	2x18w T8	PC2/18T8PRO	280x30x21
	3x18w T8 4x18w T8	PC3/4X18T8PROLP	280x30x21
	1x36w T8	PC1/36T8PRO	230x30x21
	2x36w T8	PC2/36T8PRO	280x30x21
	3x36w T8	PC3/36T8PRO	360x40x28
	1x58w T8	PC1/58T8PRO	230x30x21
	2x58w T8	PC2/58T8PRO	280x30x21
	1x70w T8	PC1/70T8PRO	234x40x28
	2x70w T8	PC2/70T8PRO	360x40x28
	1x18w TCL 1x24w TCL	PC1/18/24TCLPRO	234x40x28
	2x18w TCL 2x24w TCL	PC2/18/24TCLPRO	234x40x28
	1x38w T8 1x36w TCL	PC1/36TCLPRO	234x40x28
	2x38w T8 2x36w TCL	PC2/36TCLPRO	234x40x28
1x40w TCL	PC1/40TCLPRO	234x40x28	
2x40w TCL	PC2/40TCLPRO	234x40x28	
1x55w TCL	PC1/55TCLPRO	234x40x28	
2x55w TCL	PC2/55TCLPRO	360x30x21	



	Lamp Type	Part Number	Dimensions (mm)
<b>Tridonic Electronic Ballasts</b>			
	1x28w 2D	PC1X28DDPRO	150x40x28
	1x38w 2D	PC1X38DDPRO	150x40x28
	1x55w 2D	PC1X55DDPRO	150x40x28
	1x10w TCD 2x10w TCD 1x13w TCD 2x13w TCD 1x19w TCS 2x9w TCS 1x11w TCS 2x11w TCS 1x13w TCT 2x13w TCT	PC1/2X9-13TCPRO	103x67x31
	1x11w TCTHE 2x11w TCTHE 1x14w TCTHE 2x14w TCTHE 1x17w TCTHE 2x17w TCTHE	PC1/2X11-17TCPRO	103x67x31
	1x18w TCD 2x18w TCD 1x18w TCT 2x18w TCT	PC1/2X18TCPRO	103x67x31
	1x22w T5c 2x22w T5c 1x40w T5c 1x26w TCD 2x26w TCD 1x18w TCF	PC1/2X26-42TCPRO	103x67x31
	2x18w TCF 1x24w TCF 2x24w TCF 1x18w TCL 2x18w TCL 1x24w TCL		
	2x24w TCL 1x26w TCT 2x26w TCT 1x32w TCT 1x42w TCT		
	2x22w T5c 2x40w T5c 2x26w TCD 2x18w TCF 2x24w TCF	PC2X26-42TCPRO	123x79x31
	2x18w TCL 2x24w TCL 2x26w TCT 2x32w TCT 2x42w TCT		
	1x57w TCT 1x70w TCT	PC1X57-70TCPRO	123x79x31
	1x14/21/24/28/35/39w T5 1x22/40w T5c 1x18/30/36w T8	PC1/14-35/24/39T5PROMLP	360x30x21
1x18/24/36w TCF 1x18/24/36/40w TCL			
1x14/21/28/35/49/54w T5 1x58w T8	PC1/14-35/49/54T5PROMLP	360x30x21	
1x14/21/28/35/49/80w T5 1x55w T5c 1x55/80w TCL	PC1/14-35/49/80T5PROMLP	360x30x21	
2x14/21/24/39w T5 2x22/40w T5c 2x18/36w T8	PC2/14-21/24/39T5PROMLP	360x30x21	
2x18/24/36w TCF 2x18/24/36/40w TCL			
2x14/21/28/35/49/54w T5 2x58w T8	PC2/14-35/49/54T5PROMLP	360x30x21	

	Lamp Type	Part Number	Dimensions (mm)
<b>Tridonic Matchbox Ballasts</b>			
	1x4/6/8/13w T5 1x10w 2D	PC1X4-13BASIC	80x40x21
	1x16w 2D 1x10/13w TCD 1x5/7/9/11w TCS 1x13w TCT	PC1X5-16WBASIC	80x40x21
	1x18w TCD 1x18w TCT	PC1X18WBASIC	80x40x21
	1x28w 2D 1x26w TCD 1x26w TCT	PC1X26WBASIC	80x40x21
	1x4/6/8/13w T5 1x10w 2D	PC1X4-13WBASICSL	145x22x21
	1x16w 2D 1x10/13w TCD 1x5/7/9/11w TCS 1x13w TCT	PC1X5-16WBASICSL	145x22x21
	1x18w TCD 1x18w TCT	PC1X18WBASICSL	145x22x21
	1x24w T5 1x22w T5c 1x18w T8 1x18/24w TCF 1x18/24w TCL	PC1X18-24WBASICSL	145x22x21
	1x14/21w T5	PC1X14-21WBASICSL	145x22x21
	1x28w 2D 1x26w TCD 1x26w TCT	PC1X26WBASICSL	145x22x21

	Lamp Type	Part Number	Dimensions (mm)
<b>Tridonic Dimmable Ballasts - EXCEL Versions</b>			
	13/14/20/24w T5	PCA1X14/24T5EXCELXII	360x30x21
	2x13/14/20/24w T5 2x18/24w TCL	PCA2X14/24T5EXCELXII	360x30x21
	3x14/24w T5	PCA3X14/24T5EXCELXI	360x40x21
	4x14/24w T5	PCA4X14/24T5EXCELXI	360x40x21
	1x21/39w T5 1x36/40w TCL	PCA1X21/39T5EXCELXII	360x30x21
	2x21/39w T5 2x36/40w TCL	PCA2X21/39T5EXCELXII	360x30x21
	1x28/54w T5	PCA1X28/54T5EXCELXII	360x30x21
	2x28/54w T5	PCA2X28/54T5EXCELXII	425x30x21
	1x35/49/80w T5 1x55/80w TCL	PCA1X35/49/80T5EXCELXII	360x30x21
	2x35/49w T5	PCA2X35/49T5EXCELXII	360x30x21
	2x80w T5 2x55w TCL	PCA2X80T5EXCELXII	425x30x21



	Lamp Type	Part Number	Dimensions (mm)
<b>Tridonic Dimmable Ballasts - EXCEL Versions</b>			
	1x18w T8	PCA1X18T8EXCELXII	360x30x21
	2x18w T8	PCA2X18T8EXCELXII	360x30x21
	3x18w T8	PCA3X18T8EXCELXI	360x40x21
	4x18w T8	PCA4X18T8EXCELXI	360x40x21
	1x36w T8	PCA1X36T8EXCELXII	360x30x21
	2x36w T8	PCA2X36T8EXCELXII	360x30x21
	1x58w T8	PCA1X58T8EXCELXII	360x30x21
	2x58w T8	PCA2X58T8EXCELXII	425x30x21
	1x11w TCS 1x13w TCD 1x11/13/14/17w TCT	PCA1X11/13TC EXCELXII	123x79x31
	2x11w TCS 2x13w TCD 2x11/13/14/17 TCT	PCA2X11/13TC EXCELXII	123x102x31
	1x18/24w TCL 1x18/24w TCF 1x22w C	PCA1X18/24TCLEXCELXII	123x79x31
	2x18/24w TCL 2x18/24w TCF	PCA2X18/24TCLEXCELXII	123x102x31
	1x18w TCD 1x18w TCT	PCA1X18TC EXCELXII	123x79x31
	2x18w TCD 2x18w TCT	PCA2X18TC EXCELXII	123x102x31
	1x40w TCL 1x26w TCD 1x26/32/42/57w TCT 1x40w C	PCA1X26-57TC EXCELXII	123x79x31
	2x26w TCD 2x26/32/42w TCT	PCA2X26/32/42TC EXCELXII	123x102x31
	1x28w 2D	PCA1X28TCDDEXCELXII	123x79x31
	1x55w C	PCA1X55T5CEXCELXII	123x102x31

	Lamp Type	Part Number	Dimensions (mm)	
<b>Tridonic Electronic Ballasts - ECO Versions</b>				
	1x14/24w T5	PCAX14/24T5ECOII	360x30x21	
	2x14/24w T5 2x18/24w TCL	PCA2X14/24T5ECOII	360x30x21	
	3x14/24w T5	PCA3X14/24T5ECOII	360x40x21	
	4x14/24w T5	PCA4X14/24T5ECOII	360x40x21	
	1x21/39w T5 1x36/40w TCL	PCA1X21/39T5ECOII	360x30x21	
	2x21/39w T5 2x36/40w TCL	PCA2X21/39T5ECOII	360x30x21	
	1x28/54w T5	PCA1X28/54T5ECOII	360x30x21	
	2x28/54w T5	PCA2X28/54T5ECOII	425x30x21	
	1x35/49/80w T5 1x55/80w TCL	PCA1X35/49/80T5ECOII	360x30x21	
	2x35/49w T5	PCA2X35/49T5ECOII	360x30x21	
	2x80w T5 2x55w TCL	PCA2X80T5ECOII	425x30x21	
		1x18w T8	PCA1X18T8ECOII	360x30x21
		2x18w T8	PCA2X18T8ECOII	360x30x21
		3x18w T8	PCA3X18T8ECOII	360x40x21
		4x18w T8	PCA4X18T8ECOII	360x40x21
		1x36w T8	PCA1X36T8ECOII	360x30x21
		2x36w T8	PCA2X36T8ECOII	360x30x21
		1x58w T8	PCA1X58T8ECOII	360x30x21
		2x58w T8	PCA2X58T8ECOII	425x30x21
1x11w TCS 1x13w TCD 1x11/13/14/17w TCT		PCA1X11/13TCDECOII	123x79x31	
2x11w TCS 2x13w TCD 2x11/13/14/17w TCT		PCA2X11/13TCDECOII	123x102x31	
1x18/24w TCL 1x18/24w TCF 1x22w T5C		PCA1X18/24TCLECOXII	123x79x31	
2x18/24w TCL 2x18/24w TCF		PCA2X18/24TCLECOXII	123x102x31	
1x18w TCD 1x18w TCT		PCA1X18TCDECOII	123x79x31	
2x18w TCD 2x18w TCT		PCA2X18TCDECOII	123x102x31	
1x40w TCL 1x26w TCD 1x26/32/42/57w TCT		PCA1X26-57TCDECOII	123x79x31	
2x26w TCD 2x26/32/42w TCT		PCA2X26/32/42TCDECOII	123x102x31	
1x28w 2D		PCA1X28TCDDECOII	123x79x31	
1x55w T5C		PCA1X55T5CECOXII	123x79x31	


	Lamp Type	Part Number	No. of Cells	Dimensions (mm)
<b>Tridonic Combined Emergency Modules/HF Ballasts</b>				
	1x14w T5	PC1X14-3T5COMBO	3	425x30x21
	2x14w T5	PC2X14-3T5COMBO	3	425x30x21
	3x14w T5 4x14w T5	PC3/4X14/33T5COMBO	3	424x42x28
	16w 2D	PC1X16-33HODDCOMBO	3	123x79x31
	1x18w TCD 1x18w TCT	PC1X18-3TCCOMBO	3	123x79x31
	1x18w TCD 1x18w TCT	PC1X18-4TCCOMBO	4	123x79x31
	2x18w TCD 2x18w TCT	PC2X18-3TCCOMBO	3	123x102x31
	2x18w TCD 2x18w TCT	PC2X18-4TCCOMBO	4	123x102x31
	3x18w T8 4x18w T8	PC3/4X18/33COMBO	3	424x42x28
	1x21/28w T5	PC1X21/28-5T5COMBO	5	425x30x21
2x21/28w T5	PC2X21/28-5T5COMBO	5	425x30x21	
1x24w T5	PC1X24-4T5COMBO	4	425x30x21	
2x24w T5	PC2X24-4T5COMBO	4	425x30x21	
3x24w T5 4x24w T5	PC3/4X24/34T5COMBO	4	424x42x28	
1x26w TCD 1x26w TCT	PC1X26-3TCCOMBO	3	123x79x31	
1x26w TCD 1x26w TCT	PC1X26-4TCCOMBO	4	123x79x31	
1x26w TCD 1x26/32w TCT	PC1X26/32-5TCCOMBO	5	123x79x31	
1x26w TCD 1x26/32/42w TCT	PC1X26/32/42-6TCCOMBO	6	123x79x31	
2x26w TCD 2x26w TCT	PC2x26-3TCCOMBO	3	123x102x31	
2x26w TCD 2x26w TCT	PC2X26-4TCCOMBO	4	123x102x31	
2x26w TCD 2x26/32w TCT	PC2X26/32-5TCCOMBO	5	123x102x31	
2x26w TCD 2x26/32/42w TCT	PC2X26/32/42-6TCCOMBO	6	123x102x31	
28w 2D	PC1X28-33HODDCOMBO	3	123x79x31	
28w 2D	PC1X28-33LOEDDCOMBO	3	123x79x31	
28w 2D	PC1X28-34HODDCOMBO	4	123x79x31	
28w 2D	PC1X28-34LOEDDCOMBO	4	123x79x31	
1x35w T5	PC1X35-6T5COMBO	6	425x30x21	
2x35w T5	PC2X35-6T5COMBO	6	425x30x21	
1x36w T8	PC1X36/33COMBO	3	424x42x28	
1x36w TCL	PC1X36/33TCLCOMBO	3	424x42x28	
2x36w T8	PC2X36/33COMBO	3	424x42x28	
2x36w TCL	PC2X36/33TCLCOMBO	3	424x42x28	
38w 2D	PC1X38-34HODDCOMBO	4	123x79x31	
38w 2D	PC1X38-34LODDCOMBO	4	123x79x31	
38w 2D	PC1X38-35HODDCOMBO	5	123x79x31	
1x39w T5	PC1X39-5T5COMBO	5	425x30x21	
2x39w T5	PC2X39-5T5COMBO	5	425x30x21	
1x40w TCL	PC1X40-34TCLCOMBO	4	424x42x28	
2x40w TCL	PC2X40-34TCLCOMBO	4	424x42x28	
1x49w T5	PC1X49-5T5COMBO	5	425x30x21	
2x49w T5	PC2X49-5T5COMBO	5	425x30x21	
1x54w T5	PC1X54-6T5COMBO	6	425x30x21	
2x54w T5	PC2X54-6T5COMBO	6	425x30x21	
1x55w TCL	PC1X55-35TCLCOMBO	5	424x42x28	
2x55w TCL	PC2X55-35TCLCOMBO	5	424x42x28	
1x80w T5	PC1X80-6T5COMBO	6	425x30x21	
1x58w T8	PC1X58/34COMBO	4	424x42x28	
2x58w T8	PC2X58/34COMBO	4	424x42x28	


■ For batteries see page 39

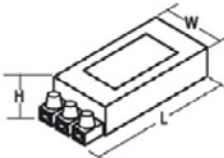
	Lamp Type	Part Number	No. of Cells	Dimensions (mm)	
<b>Tridonic Emergency Modules</b>					
	4/6/8/13/14w T5 10/16w 2D	EM33A	3	209x39x28	
	18/30/36w T8	EM33B	3	209x39x28	
	5/7/9/11w TCS 10/13w TCD 13w TCT	EM33C	3	209x39x28	
	4/6/8/13/14/21w T5 10/16/21/28w 2D 18/24w TCL	EM34A	4	209x39x28	
	18/30/36/58w T8 34/36/40/55w TCL	EM34B	4	209x39x28	
	14/24w T5	EM34C	4	209x39x28	
	4/6/8/13/14/21/24w T5 18/30/36w T8 10/16/21/28/38w 2D 18/24/34/36w TCL	EM35A	5	209x39x28	
	28w T5 18/30/36/58/70w T8 40/55w TCL	EM35B	5	209x39x28	
	18/26w TCD 13/18/26w TCT	EM35C	5	209x39x28	
	32/42w TCT	EM35D	5	209x39x28	
	4/6/8/13w T5 10/16/21/28/38/55w 2D 18/24/34/36/40/55w TCL	EM36A	6	209x39x28	
	35w T5	EM36C	6	209x39x28	
	54/80w T5	EM36CHOBASIC	6	209x39x28	
	28w 2D	EM33AMINIBASIC	3	150x40x28	
	36w TCF 18/26w TCD 22w T5C	EM34AMINIBASIC	4	150x40x28	
	38w 2D	EM34CMINIBASIC	4	150x40x28	
	14/24w T5	EM14/24-4T5BASIC	4	280x30x21	
	21/28/49w T5	EM21/28/49-5T5BASIC	5	280x30x21	
	39w T5	EM39-5T5BASIC	5	280x30x21	
	35w T5	EM35-6T5BASIC	6	280x30x21	
	54/80w T5	EM54/80-6T5BASIC	6	280x30x21	
	6/8/13/14/24w T5 15/18/30/36w T8 10/16/21/28w 2D 7/9/11w TCS 10/13/18/26w TCD 13/18/26w TCT 22w T5C 18w TCF 18w TCL	EM34BASICLP2	4	280x30x21	
	21w T5 38/58w T8 18/26/32w TCT 24/36w TCF 24/36/40w TCL	EM35BASICLP2	5	280x30x21	
	28/35/39/49/54/80w T5 70w T8 38/55w 2D 26/32/42/57w TCT 40/55w T5C 55w TCL	EM36BASICLP2	6	280x30x21	
	Tridonic Emergency Modules With Self Test				
		6/8/13/14/24w T5 15/18/30/36w T8 10/16/21/28w 2D 7/9/11w TCS 10/13/18/26w TCD 13/18/26w TCT 22w T5C 18w TCF 18w TCL	EM34ST	4	280x30x21
21w T5 38/58w T8 18/26/32w TCT 24/36w TCF 24/36/40w TCL		EM35ST	5	280x30x21	
28/35/39/49/54/80w T5 70w T8 38/55w 2D 26/32/42/57w TCT 40/55w T5C 55w TCL		EM36ST	6	280x30x21	
Tridonic Emergency Modules With DALI Interface					
	6/8/13/14/24w T5 15/18/30/36w T8 10/16/21/28w 2D 7/9/11w TCS 10/13/18/26w TCD 13/18/26w TCT 22w T5C 18w TCF 18w TCL	EM34PROEZ3	4	280x30x21	
	21w T5 38/58w T8 18/26/32w TCT 24/36w TCF 24/36/40w TCL	EM35PROEZ3	5	280x30x21	
	28/35/39/49/54/80w T5 70w T8 38/55w 2D 26/32/42/57w TCT 40/55w T5C 55w TCL	EM36PROEZ3	6	280x30x21	

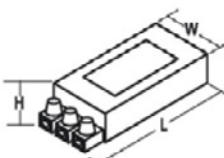
■ For batteries see page 39

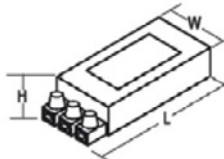
	Lamp Type	Part Number	Max Distance To Lamp	Dimensions (mm)	
<b>Tridonic Electronic Metal Halide Ballasts (No Terminal Covers)</b>					
	1x20/22w MH	PCI20/22PROC011	2m	90x59x29	
	1x35/50w MH	PCI35/50PROC011	5m	100x75x29	
	1x35/70w MH	PCI35/70PROC011	5m	100x75x29	
	1x100/150w MH	PCI100/150PROC011	5m	140x75x29	
	1x20w MH	PCI20MINIQ211	1.5m	97.5x43x30	
	1x35w MH	PCI0035B011	1.5m	90x60x28	
	1x35w MH	PCI35TOPC011	1.5m	110x75x32	
	1x50w MH	PCI50TOPC011	1.5m	110x75x32	
	1x70w MH	PCI70TOPC011	1.5m	110x75x32	
	2x35w MH	PCI2/35B011	1.5m	140x75x31	
2x70w MH	PCI2/70B011	1.5m	170x75x31		
<b>Tridonic Electronic Metal Halide Ballasts (With Terminal Covers)</b>					
	1x20w MH	PCI20PROC021	2m	159.4x82x34	
	1x22w MH	PCI22PROC021	2m	159.4x82x34	
	1x35w MH	PCI35PROC021	5m	159.4x82x34	
	1x50w MH	PCI50PROC021	5m	159.4x82x34	
	1x70w MH	PCI70PROC021	5m	159.4x82x34	
	1x150w MH	PCI150PROC021	5m	209.4x82x34	
	1x20w MH	PCI20MINIQ221	1.5m	165x43x30	
	1x35w MH	PCI35TOPC021	1.5m	159.4x82x34	
	1x50w MH	PCI50TOPC021	1.5m	159.4x82x34	
	1x70w MH	PCI70TOPC021	1.5m	159.4x82x34	
	2x35w MH	PCI2/35B021	3m	180x79.5x34	
	2x70w MH	PCI2/70B021	3m	270x79.5x35	
	<b>Tridonic Electronic Metal Halide Ballasts (With Terminal Cover and Plug)</b>				
		1x20w MH	PCI20PROC521ST	2m	159.4x82x34
1x22w MH		PCI22PROC521ST	2m	159.4x82x34	
1x35w MH		PCI35PROC521ST	5m	159.4x82x34	
1x50w MH		PCI50PROC521ST	5m	159.4x82x34	
1x70w MH		PCI70PROC521ST	5m	159.4x82x34	
1x150w MH		PCI150PROC521ST	5m	209.4x82x34	
2x35w MH		PCI2/35B521ST	3m	180x79.5x34	
2x70w MH		PCI2/70B521ST	3m	210x79.5x35	
1x20w MH		PCI20PROC521GST	2m	159.4x82x34	
1x22w MH		PCI22PROC521GST	2m	159.4x82x34	
1x35w MH		PCI35PROC521GST	5m	159.4x82x34	
1x50w MH		PCI50PROC521GST	5m	159.4x82x34	
1x70w MH		PCI70PROC521GST	5m	159.4x82x34	
1x150w MH		PCI150PROC521GST	5m	209.4x82x34	
<b>Tridonic Electronic Metal Halide Ballasts Remote Operational (No Terminal Covers) On/Off switching via DALI/DSI signal, fault reporting in DALI mode</b>					
	1x20w MH	PCI0020FOX011	1.5m	100x75x28	
	1x35w MH	PCI0035FOX011	1.5m	100x75x28	
	1x70w MH	PCI0070FOX011	1.5m	140x75x31	
	1x150w MH	PCI0150FOX011	1.5m	170x75x31	
	1x45w MH	PCI45OUTDOORFOX011	5m	150x90x40	
	1x50w MH	PCI50OUTDOORFOX011	5m	150x90x40	
	1x50w HPS	PCS50OUTDOORFOX011	5m	150x90x40	
1x60w MH	PCI60OUTDOORFOX011	5m	150x90x40		

	Lamp Type	Part Number	Max Distance To Lamp	Dimensions (mm)
<b>Tridonic Electronic Metal Halide Ballasts Remote Operational (No Terminal Covers) On/Off switching via DALI/DSI signal, fault reporting in DALI mode</b>				
	1x70w MH	PCI70OUTDOORFOXBO11	5m	150x90x40
	1x70w HPS	PCS70OUTDOORFOXBO11	5m	150x90x40
	1x90w MH	PCI90OUTDOORFOXBO11	5m	150x90x40
	1x100w MH/HPS	PCIS100OUTDOORFOXBO11	5m	150x90x40
	1x140w MH	PCI140OUTDOORFOXBO11	5m	150x90x40
	1x150w MH/HPS	PCIS150OUTDOORFOXBO11	5m	150x90x40


	Lamp Type	Part Number	Max Distance To Lamp	Dimensions (mm)
<b>Tridonic Electronic Dimmable Metal Halide Ballasts (No Terminal Covers) Dimming via digital interface, precise control via DALI, DSI or STEP DIM, fault reporting in DALI mode</b>				
	1x45w MH	PCI45OUTDOORDIMB011	5m	150x90x40
	1x50w Mh	PCI50OUTDOORDIMB011	5m	150x90x40
	1x50w HPS	PCS50OUTDOORDIMB011	5m	150x90x40
	1x60w MH	PCI60OUTDOORDIMB011	5m	150x90x40
	1x70w MH	PCI70OUTDOORDIMB011	5m	150x90x40
	1x70w HPS	PCS70OUTDOORDIMB011	5m	150x90x40
	1x90w MH	PCI90OUTDOORDIMB011	5m	150x90x40
	1x100w MH/HPS	PCIS100OUTDOORDIMB011	5m	150x90x40
	1x140w MH	PCI140OUTDOORDIMB011	5m	150x90x40
	1x150w Mh/HPS	PCIS150OUTDOORB011	5m	150x90x40


	Lamp Type	Part Number	Max Distance To Lamp	Dimensions (mm)
<b>Tridonic Standard Superimposed Igniters</b>				
	70/150w MH 35/50/70w HPS	ZRM2ESC	4m	85.6x37.5x27
	35/70/100/150/250w MH 70/100/150/250w HPS	ZRM2.5ESC	1.5m	85.6x37.5x27
	35/70/100/150/250/400w MH 70/100/150/250/400w HPS	ZRM4.5ESC	1.5m	85.6x37.5x27
	35/70/100/150/250/400w MH 100/150/250/400w HPS	ZRM6ESC	1.5m	95.2x44.5x31
	600/750w HPS	ZRM6ESC400	3m	95.2x44.5x31
	35/70/100/150/250/400/1000w MH 600/1000w HPS	ZRM12ESC	3m	101.9x54x33
	1800/2000w MH 600/1000w HPS	ZRM12ESC400	3m	101.9x54x33
	1000/1800/2000w MH	ZRM20ESB	3m	126x47x65
	2000/3500w MH	ZRM20ESB400	3m	126x47x65

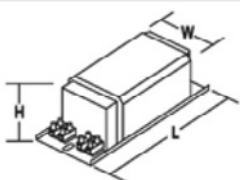
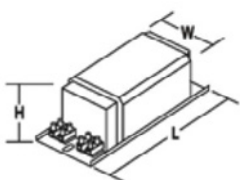
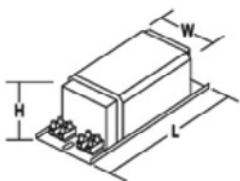
	Lamp Type	Part Number	Max Distance To Lamp	Dimensions (mm)
<b>Tridonic Digital Superimposed Igniters With Timed Cut-out</b>				
	70/150w MH 35/50/70w HPS	ZRM2ESCT	4m	85.6x37.5x27
	35/70/100/150/250w MH 70/100/150/250w HPS	ZRM2.5ESCT	1.5m	85.6x37.5x27
	35/70/100/150/250/400w MH 70/100/150/250/400w HPS	ZRM4.5ESCT	1.5m	85.6x37.5x27
	35/70/100/150/250/400w MH 100/150/250/400w HPS	ZRM6ESCT	1.5m	95.2x44.5x31
	35/70/100/150/250/400/1000w MH 100/150/250/400/600/1000w HPS	ZRM12ESCT	3m	101.9x54x33

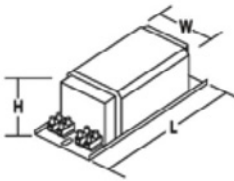
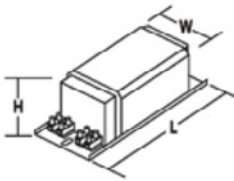
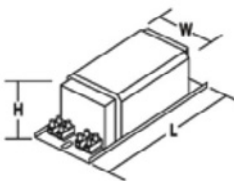
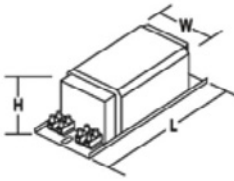
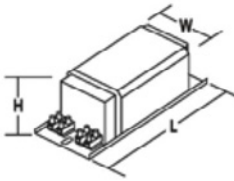
	Lamp Type	Part Number	Max Distance To Lamp	Dimensions (mm)
<b>Tridonic Impulse Igniters</b>				
	35/70/100/150/250/400/1000/1800w MH 70/100/150/250/400/600/1000w HPS	ZRM4000POWERPULSE	40m	86x37.5x31.6
	1800/2000w MH 600/750w HPS		40m	86x37.5x31.6
	70/150w MH 50/70w HPS	ZRM2300C201	12m	75x42x31
	35/70/100/150/250/400/1000w MH 100/150/250/400/600/1000w HPS	ZRM4000C201	1m-24m	75x42x31
	250/400/1000w MH	ZRM1000A004	40m	60.3x24.2x22
	250/400/1000w MH	ZRM1000A005	100m	68x27.5x27.5
	1000/2000/3500w MH	ZRM1200400A001	100m	86x37.5x31

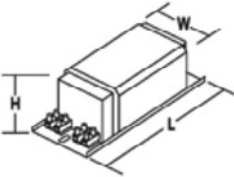
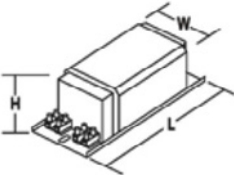


	Wattage Range	Part Number	Primary/ Secondary Voltage	Dimensions (mm)
<b>Tridonic Electronic Transformers Dimmable via leading-edge and trailing-edge dimmers</b>				
	20-50VA	TE0050C101	240/11.7	
	20-70VA	TE0070C101	240/11.7	
	35-105VA	TE0105C101	240/11.7	
	20-60VA	TE0060VIPER60VA	240/11.6	120x40x29
	35-105VA	TE0105VIPER105VA	240/11.5	141x40x29
	20-60VA	TE0060BASIC101	240/12	100x32x20
	20-60VA	TE0060BASIC111	240/12	100x32x20
	35-105VA	TE0105C201	240/11.7	167x42x31

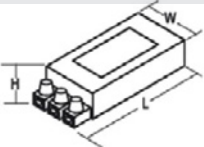
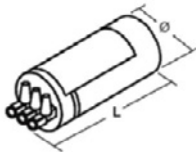
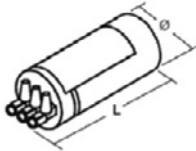
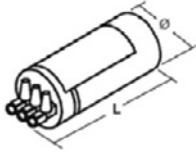
<b>Tridonic Electronic Transformers Dimmable via DSI, DALI, Switchdim</b>				
	20-105VA	TE0105ONE4ALLSC	240/11.5	167x42x31
	50-150VA	TE0150ONE4ALLSC	240/11.8	207x46x40
	20-105VA	TE0105ONE4ALLCC	240/11.8	103x67x31
	100-300VA	TEDC20300D101 WHITE	240/11.9	254x147x59
	100-300VA	TEDC20300D101 GREY	240/11.9	254x147x59

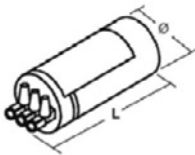
	Lamp Type	Input Voltage	Cap. Req (mfd/volt)	Part Number	Dimensions (mm)
<b>Venture Ballasts For Discharge Lamps</b>					
	35w MH/HPS	230/240	6/250	HSA03723221	120x69x56
	35w MH/HPS	230/240	6/250	HSJ03723221	106x68x56
	35w MH/HPS	230/240	6/250	HSP03723221	106x65x52
	35w MH/HPS	220/230/240/250	6/250	DG038B22221	153x53x46
	35w SOX	240	8/250	RSM035245	165x60x48
	35/55w SOX	240	8/250 6/250	SZ355K245	118x66x46
	35/55w SOX	240	8/250 6/250	SG355B245	153x53x46
	35/55w SOX	240	8/250 6/250	RSD355245	144x65x51
	35/55w SOX	240	8/250 6/250	RSF355	159x50x67
	35/55w SOX	240	8/250 6/250	RSL355245	165x76x54
	50w HPS	230/240	8/250	HSA05223221	120x69x56
	50w HPS	230/240	8/250	HSJ05223221	106x68x56
	50w HPS	230/240	8/250	HSP05223221	106x65x52
	50w HPS	220/230/240/250	8/250	HSG05322221	173x53x46
	50w HPS	220/230/240/250	8/250	HSZ05322221	100x66x46
	50w HPS	220/240	8/250	HSV05222421	86x75x63
	50w MBFU	230/240	6/250	MP052K232	106x65x52
	50w MBFU	220/230/240	6/250	MG053K22245	173x53x46
	50w MBFU	220/230/240	6/250	MZ053K22245	100x66x46
	50/70w HPS/MH	230/240	8/250 10/250	HSA57223221	120x69x56
	50w HPS 70w HPS/MH	230/240	8/250 10/250	HSJ57223221	106x68x56
	50w HPS 70w HPS/MH	230/240	8/250 10/250	HSP57223221	106x65x52
	50w HPS 70w HPS/MH	240	8/250 10/250	HSG57024521	173x53x46
	50w HPS 70w HPS/MH	230/240	8/250 10/250	HSZ57223221	118x66x46
	70w HPS/MH	230/240	10/250	HSA07223221	107x69x56
	70w HPS/MH	230/240	10/250	HSJ07223221	106x68x56
	70w HPS/MH	230/240	10/250	HSP07223221	106x65x52
	70w HPS/MH	220/230/240/250	10/250	HSG07322221	173x53x46
	70w HPS/MH	220/230/240/250	10/250	HSZ07322221	118x66x46
	70w HPS/MH	220/2530/240/250	10/250	HSV07322221	94x75x63

	Lamp Type	Input Voltage	Cap. Req (mdf/volt)	Part Number	Dimensions (mm)
<b>Venture Ballasts For Discharge Lamps</b>					
	80w MBFU	230/240	8/250	MP082K232	106x65x52
	80w MBFU	220/230/240	8/250	MG083K22245	173x53x46
	80w MBFU	220/230/240	8/250	MZ083K22245	100x66x46
	90w SOX	240	8/250	SZ090K245	118x66x46
	90w SOX	240	8/250	SG090B245	153x53x46
	90w SOX	240	8/240	RSL090245	165x76x54
	90w SOX	220/230/240/250	25/250	SL093K222	178x99x74
	100w HPS/MH	230/240	12/250	HSA10223221	120x69x56
	100w HPS/MH	230/240	12/250	HSJ10223221	106x68x56
	100w HPS/MH	230/240	12/250	HSP10223221	106x65x52
	100w HPS/MH	220/230/240/250	12/250	HSG10322221	173x53x46
	100w HPS/MH	220/230/240/250	12/250	HSZ10322221	128x66x46
	100w HPS/MH	220/230/240/250	12/250	HSV10322221	94x75x63
	125w MBFU	230/240	10/250	MP127K232	106x65x52
	125w MBFU	220/230/240	10/250	MG128B22245	153x53x46
	125w MBFU	220/230/240	10/250	MZ128K22245	118x66x46
	135w SOX	240	20/250	RSA135245	224x76x59
	135/180w SOX	220/230/240/250	15/440	SM138K222	166x107x109
	150w HPS/MH	230/240	20/250	HSA15223221	150x69x56
	150w HPS/MH	230/240	20/250	HSJ15223221	120x68x56
	150w HPS/MH	230/240	20/250	HSP15223221	135x65x52
	150w HPS/MH	220/230/240/250	20/250	HSZ15322221	158x66x46
	150w HPS/MH	220/230/240/250	20/250	HSV16322221	125x78x65
	200w MH/MBFU	230/240	12/250	HMA20223221	150x69x56
	200w MH/MBFU	230/240	12/250	HMJ20223221	136x68x56
	200w MH/MBFU	230/240	12/250	HMP20223221	135x65x52
	200w MH/MBFU	220/230/240	12/250	HMZ20322245	158x66x46
		250w HPS/MH	230/240	30/250	HSA25223221
250w HPS/MH		230/240	30/250	HSJ25223221	137x86x74
250w HPS/MH		230/240	30/250	HSP25223221	127x86x73
250w HPS/MH		220/230/240/250	30/250	HSZ25322221	198x66x46
250w HPS/MH		220/230/240/250	30/250	HDV26322221	150x98x81
250w HPS/MH		220/230/240/250	30/250	JDV26322221	120x104x81
250w HPS/MH		200/210/220/230/240/250	30/250	HDN25520221	133x107x109
250w HPS/MH		220/230/240/250	30/250	HDN26322221	133x107x109
250w MH/MBFU		230/240	20/250	HMA25223221	127x87x72
250w MH/MBFU		230/240	20/250	HMJ25223221	117x86x74
250w MH/MBFU		230/240	20/250	HMP25223221	117x86x73
250w MH/MBFU		220/230/240	20/250	HMZ25322245	158x66x46
	250w MH/MBFU	220/230/240/250	20/250	JHV26322221	106x94x65
	250w MH/MBFU	200/210/220/230/240/250	20/250	MM255K202	166x107x109
	250w MH/MBFU	190/200/210/220/230/240	20/250	MN255K192	133x107x109
	350w MH/MBFU	230/240	20/250	HMA35223221	167x87x72
	350w MH/MBFU	230/240	20/250	HMJ35223221	137x86x74
	350w MH/MBFU	230/240	20/250	HMP35223221	137x86x73
	350w MH/MBFU	220/230/240	20/250	JHV35322245	120x104x81
	400w HPS/MH	230/240	40/250	HAA40223221	150x108x91
	400w HPS/MH	230/240	40/250	HSJ40223221	167x86x74
	400w HPS/MH	230/240	40/250	HSP40223221	167x86x73


	Lamp Type	Input Voltage	Cap. Req (mfd/volt)	Part Number	Dimensions (mm)
<b>Venture Ballasts For Discharge Lamps</b>					
	400w HPS/MH	220/230/240/250	40/250	HSV41322221	150x98x81
	400w HPS/MH	220/230/240/250	40/250	JAV41322221	120x104x81
	400w HPS/MH	200/210/220/230/240/250	40/250	EAV405202	150x98x81
	400w HPS/MH	200/210/220/230/240	40/250	ASM40520221	166x107x109
	400w HPS/MH	200/210/220/230/240/250	40/250	HSM405202	166x107x109
	400w HPS/MH	200/210/220/230/240/250	40/250	HSN415202	133x107x109
	400w HPS/MH	220/230/240/250	40/250	HSN41322221	133x107x109
	400w MH/MBFU	230/240	25/250	HMA40223221	167x87x72
	400w MH/MBFU	230/240	25/250	HMJ40223221	137x86x74
	400w MH/MBFU	230/240	25/250	HMP40223221	137x86x73
	400w MH/MBFU	220/230/240	25/250	HMZ40322245	198x66x46
	400w MH/MBFU	220/230/240	25/250	JHV413222B3	120x104x81
	400w MH/MBFU	200/210/220/230/240/250	25/250	MM405K202	166x107x109
	600w HPS/MH	230/240	60/250	HAA60223221	177x108x92
	600w HPS/MH	230/240	60/250	HAV60223221	150x108x91
	600w HPS/MH	220/230/240	60/250	HAV603222B3	150x108x91
	600w HPS/MH	230/240	60/250	HAV60223221	150x108x91
	600w HPS/MH	200/210/220/230/240/250	60/250	HSM605202	166x107x109
	1000w HPS/MH	210/220/230/240	100/250	HDV003212	177x150x126
	1000w HPS/MH	380/400/415	30/440	HSV043383	215x150x126
1000w MH/MBFU	380/400/415	15/440	HMM043383	166x107x109	
1500w MH	380/400/415	30/440	HMV022383	215x150x126	


\*2000w ballasts also available please contact the sales team\*

	Wattage Range	Part Number	Max Distance To Lamp	Dimensions (mm)
<b>Venture Series Ignitors With Timed Cut-out</b>				
	35-600	MCI6	10m	50x25x17
	50/70	MCI57	1m	50x25x17
	600	MCI600	10m	50x25x17
	1000	MCI1000	100m	71x39
<b>Venture Superimposed Ignitors</b>				
	35-70	PXE070255	2m	71x33x31
	35-450	PXE100255	1m	71x33x31
	35-450	PAE400255	1m	71x39
	35-450	PLE400255	10m	127x50
	600-1000	PXE000245	1m	90x49x50
	2000w	PBE900245	2m	142x62
<b>Venture Superimposed Ignitors With Timed Cut-out</b>				
	35-70	PCX070255	2m	75x40
	35-450	PCX400255	1m	75x40
	600-1000	PCX000255	1m	93x60
<b>Venture Impulse Ignitors</b>				
	50-70	PB070K255	25m	71x39
	150	PB019K255	30m	71x39
	250-400	PB404K255	30m	71x39
	600	PB600K255	30m	115x52
	1000	PB000K255	50m	115x52
	250-2000	PH400K255	200m	65x30

	Wattage Range	Part Number	Max Distance To Lamp	Dimensions (mm)
<b>Venture Impulse Ignitors With Timed Cut-out</b>				
	70	PJ070K255	25m	71x39
	150	PJ019K255	30m	71x39
	250-400	PJ404K255	30m	71x39
	600	PJ600K255	25m	71x39
	1000	PJ000K255	25m	71x39


	Wattage Range	Part Number	Max Distance To Lamp	Dimensions (mm)
<b>Venture Superimposed Ignitors ATEX Approved</b>				
	35-70	PXA070255	2m	78x39x36
	35-150	PXA100255	1m	78x39x36
	70-400	PXA400255	1m	95x45
	600-1000	PXA000255	1m	90x49x50
	35-70	PCA070255	2m	102x46x40
	35-150	PCA100255	1m	102x46x40
	70-400	PCA400255	1m	102x46x40

	Lamp Type	Part Number	Max Distance To Lamp	Dimensions (mm)
<b>Venture Ignitors For Sox Lamps</b>				
	35w SOX	PB035K245	50m	65x30
	35/55w SOX	PB055K245	50m	75x45
	90w SOX	PB090K245	50m	75x45


	Lamp Type	Part Number	Dimensions (mm)	Notes
<b>Vossloh-Schwabe Electronic Ballasts</b>				
	1x5/7/9/11w TCs 1x10w TCD 10/16w 2D 1x4/6/8/13w T5 1x16w T8	ELXS116.900	80x40x18	188661
	1x5/7/9/11w TCs 1x10w TCD 10/16w 2D 1x4/6/8/13w T5 1x16w T8	ELXS116.903	146x21x18	188662
	1x13/18w TCD/TCT 1x14/21w T5	ELXS121.901	80x41x18	188663
	1x13/18w TCD/TCT 1x14/21w T5	ELXS121.904	146x21x18	188664
	1x18/24w TCF/TCL 1x22w T5C 1x14/15/18w T8 1x24w T5	ELXS124.902	80x41x18	188665
	1x18/24w TCF/TCL 1x22w T5C 1x14/15/18w T8 1x24w T5	ELXS124.905	146x21x18	188666
	1x24w TCF/TCL 1x26w TCD/TCT	ELXS126.906	80x41x18	188667
	1x24w TCF/TCL 1x26w TCD/TCT	ELXS126.907	146x21x18	188668
	1x5/7/9/11w TCS 1x10/13w TCD 1x13w TCT	ELXC113.392	146x21x18	188454
	1x60/85/120w TCT 2x60w TCT	ELXC120.838	158x102x38	188238
	1x22w T5C 1x24w TCF 1x24w TCL 28w 2D	ELXC128.869	103x67x31	188589
	1x14/21/28/35w T5	ELXC135.220	230x30x21	188921
	1x14/21/28/35w T5	ELXC135.856	359x30x21	188093
	1x18/36w T8	ELXC136.200	425x40x28.5	188314
	1x18/36w T8	ELXC136.207	230x40x28	188704
	1x18/36w T8	ELXC136.216	230x40x28	188868
	1x14/21/24/39w T5	ELXC139.632	350x30x21	188945
	1x18/24/36w TCF 1x18/24/36/40w TCL 1x24/39w T5	ELXC140.862	359x30x21	188140
1x18/24/36w TCF 1x18/24/36/40w TCL 1x22/40w T5C 1x26w TCD 1x26/32/42w TCT 2x18/24w TCF/TCL 2x26w TCD/TCT 38w 2D	ELXC142.872	103x67x31	188700	

	Lamp Type	Part Number	Dimensions (mm)	Notes	
<b>Vossloh-Schwabe Electronic Ballasts</b>					
	1x18/24/36w TCF 1x18/24/36/40w TCL 2x18/24w TCF/TCL 1x22/40w T5C 1x26w TCD 1x26/32/42w TCT 2x26w TCD/TCT 38w 2D	ELXC142.876	123x79x33	188888	
	1x49w T5	ELXC149.858	359x30x21	188095	
	1x28/35/49/54w T5	ELXC154.633	360x30x21	188946	
	1x54w T5	ELXC154.864	359x30x21	188142	
	1x55/80w TCL 1x55/60w T5C	ELXC155.378	123x79x33	188680	
	1x58w T8	ELXC158.201	359x30x29	188315	
	1x58w T8	ELXC158.209	230x40x28	188706	
	1x58w T8	ELXC158.218	230x40x28	188870	
	1x70w T8	ELXC170.205	359x40x29	188319	
	1x57/70w TCT	ELXC170.833	123x79x33	188682	
	1x35/49/80w T5	ELXC180.634	360x30x21	188947	
	1x55/80w TCL 1x80w T5	ELXC180.866	359x30x21	188144	
	1x9/11w TCS 2x9/11w TCS 1x10/13w TCD 2x10/13w TCD 1x13w TCT 2x13w TCT	ELXC213.870	103x67x31	188698	
	1x9/11w TCS 2x9/11w TCS 1x10/13w TCD 2x10w TCD 1x13w TCT 2x13w TCT	ELXC213.874	123x79x33	188886	
	1x14/17w TCT 2x14/17w TCT	ELXC217.873	103x67x31	188760	
	1x18w TCD/TCT 2x18w TCD/TCT	ELXC218.871	103x67x31	188699	
	1x18w TCD/TCT 2x18w TCD/TCT	ELXC218.875	123x79x33	188887	
	2x14/21/28/35w T5	ELXC235.857	359x30x21	188094	
	2x18/36w T8	ELXC236.202	359x30x29	188316	
	2x18/36w T8	ELXC236.208	230x40x28	188705	
	2x18/36w T8	ELXC236.217	230x40x28	188869	
	2x14/21/24/39w T5	ELXC239.635	360x30x21	188948	
	2x18/24/36w TCF 2x18/24/36/40w TCL 2x24/39w T5	ELXC240.863	359x30x21	188616	
	2x18/24/36w TCF 2x18/24/36/40w TCL 1x22/40w T5C 2x22/40w T5C 2x26w TCD 2x26/32/42w TCT 2x38w 2D	ELXC242.837	123x79x33	188643	
	2x49w T5	ELXC249.859	359x30x21	188617	
	2x28/35/49/54w T5	ELXC254.636	360x30x21	188949	
	2x55w TCL 2x54w T5	ELXC254.865	359x30x21	188618	
	2x26w TCD 2x26/32/42/57w TCT	ELXC257.836	158x102x38	188132	
	2x58w T8	ELXC258.203	359x30x29	188317	
	2x58w T8	ELXC258.210	230x40x28	188707	
	2x58w T8	ELXC258.219	230x40x28	188871	
	2x70w T8	ELXC270.206	350x30x29	188320	
	2x55/80w TCL 2x80w T5	ELXC280.538	425x30x21	188619	
	2x35/49/80w T5	ELXC280.637	423x30x21	188950	
	3x36w T8	ELXC336.214	230x40x28	188595	
	3/4x14w T5	ELXC414.868	230x40x28	188438	
	3/4x18w T8	ELXC418.204	230x40x28	188744	
	3/4x24w T5	ELXC424.223	230x40x28	183039	
	<b>Vossloh-Schwabe 0-10v Dimmable Ballasts</b>				
		18w TCD/TCT	ELXD118.802	123x79x33	
1x26w TCD 1x26/32/42w TCT		ELXD142.806	123x79x33		
1x57/70w TCT		ELXD170.808	195x102x38		
2x18w TCD/TCT		ELXD218.803	158x102x38		
2x26w TCD/TCT		ELXD226.801	123x79x33		
2x26w TCD 2x26/32/42w TCT		ELXD242.807	158x32x38		




	Lamp Type	Part Number	Dimensions (mm)	Notes
<b>Vossloh-Schwabe PUSH/DALI Dimmable Ballasts</b>				
	1x14/17w TCT	ELXD117.715	103x67x31	
	1x18w TCD/TCT	ELXD118.705	103x67x31	
	1x26w TCD 1x26/32/42w TCT	ELXD142.709	103x67x31	
	2x14/17w TCT	ELXD217.717	123x79x33	
	2x18w TCD/TCT	ELXD218.707	123x79x33	
	2x26w TCD 2x26/32/42w TCT	ELXD242.711	123x79x33	


<b>Vossloh-Schwabe PUSH/DALI Dimmable Ballasts</b>				
	1x14/17w TCT	ELXD117.715	103x67x31	
	1x18w TCD/TCT	ELXD118.705	103x67x31	
	1x26w TCD 1x26/32/42w TCT	ELXD142.709	103x67x31	
	2x14/17w TCT	ELXD217.717	123x79x33	
	2x18w TCD/TCT	ELXD218.707	123x79x33	
	2x26w TCD 2x26/32/42w TCT	ELXD242.711	123x79x33	

	Module (1&3Hr)	Battery	Lamps	Dimensions L x W x H
<b>Mackwell Cerian Modules</b>				
	SR664/M3	3x4Ah	T8 18,36W	150mm x 44mm x 35mm
	SR664/M1	3x1.5Ah		
	SR665/M3	4x4Ah	T8 18,36,58W	150mm x 44mm x 35mm
	SR665/M1	4x1.5Ah		
	SR666/M3	5x4Ah	T8 70W	150mm x 44mm x 35mm
	SR666/M1	5x1.5Ah		
<b>AutoTest™ Variants</b>				
	ASR664/M3	3x4Ah	T8 18,36W	150mm x 44mm x 35mm
	ASR664/M1	3x1.5Ah		
	ASR665/M3	4x4Ah	T8 18,36,58W	150mm x 44mm x 35mm
	ASR665/M1	4x1.5Ah		
	ASR666/M3	5x4Ah	T8 70W	150mm x 44mm x 35mm
	ASR666/M1	5x1.5Ah		


<b>Mackwell Relion Modules</b>				
	SR642/M3	6x4Ah	TEL 13 to 42W,	210mm x 42mm x 35mm
	SR642/M1	6x1.5Ah	2D 38 & 55W	
	SR654/M3	6x4Ah	T5 24 to 54W	210mm x 42mm x 35mm
	SR654/M1	6x1.5Ah		
	SR655/M3	6x4Ah	TCL 55W	210mm x 42mm x 35mm
	SR655/M1	6x1.5Ah		
<b>AutoTest™ Variant</b>				
	AS642/M3	6x4Ah	TEL 13 to 42W,	210mm x 42mm x 35mm
	AS642/M1	6x1.5Ah	2D 38 & 55W	
	AS654/M3	6x4Ah	T5 24 to 54W	210mm x 42mm x 35mm
	AS654/M1	6x1.5Ah		
	AS655/M3	6x4Ah	TCL 55W	210mm x 42mm x 35mm
	AS655/M1	6x1.5Ah		

	Module (1&3Hr)	Battery	Lamps	Dimensions L x W x H
<b>Mackwell Advanze 1 Modules</b>				
	ST504/M3	5x4Ah	T5 14-28W HE	250mm x 28mm x 28mm
	ST504/M1	5x1.5Ah		250mm x 28mm x 28mm
	ST505/M3	6x4Ah	T5 14-35W HE	250mm x 28mm x 28mm
	ST505/M1	6x1.5Ah		250mm x 28mm x 28mm
	ST506/M3	6x4Ah	T5 24-54W HO	250mm x 28mm x 28mm
	ST506/M1	6x1.5Ah	T5C 22-55W	250mm x 28mm x 28mm
			T8 18-58W	250mm x 28mm x 28mm
	ST680/M3*	6x4Ah	T5 80W HO	250mm x 28mm x 28mm
		TC-L 80W		


### Mackwell Advanze 2 Modules

	ST514+ (3hr)	5x4Ah	T5 14-28W HE	250mm x 28mm x 21mm	
	ST514+ (1hr)	5x1.6Ah		250mm x 28mm x 21mm	
	ST515+ (3hr)	6x4Ah	T5 14-35W HE	250mm x 28mm x 21mm	
	ST515+ (1hr)	6x1.6Ah		250mm x 28mm x 21mm	
	ST516+ (3hr)	6x4Ah	T5 22-55W	250mm x 28mm x 21mm	
	ST516+ (1hr)	6x1.6Ah	HO & Circle	250mm x 28mm x 21mm	
	ST681+ (3hr)	6x4Ah	T5* 80W HO	250mm x 28mm x 21mm	
	ST681+ (1hr)	6x1.6Ah	& TC-L	250mm x 28mm x 21mm	
	<b>AutoTest™ Variant</b>				
	AST514+ (3hr)	5x4Ah	T5 14-28W	250mm x 28mm x 21mm	
	AST514+/M1 (1hr)	5x1.6Ah	HE	250mm x 28mm x 21mm	
	AST515+ (3hr)	6x4Ah	T5 14-35W	250mm x 28mm x 21mm	
	AST515+/M1 (1hr)	6x1.6Ah	HE	250mm x 28mm x 21mm	
	AST516+ (3hr)	6x4Ah	T5 22-55W	250mm x 28mm x 21mm	
AST516+/M1 (1hr)	6x1.6Ah	HO & Circle	250mm x 28mm x 21mm		
AST681+ (3hr)	6x4Ah	T5* 22-55W	250mm x 28mm x 21mm		
AST681+/M1 (1hr)	6x1.6Ah	HO & TC-L	250mm x 28mm x 21mm		

### Mackwell Primian 1 Modules

	S2CHE/M3	2x 4Ah	T5 4-8W	150mm x 44mm x 35mm
	S2CHE/M1	2x 1.5Ah		150mm x 44mm x 35mm
	S3CHE/M3	3x 4Ah	Selected lamps up to 36W	150mm x 44mm x 35mm
	S3CHE/M1	3x 1.5Ah		150mm x 44mm x 35mm
	S4CHE/M3	4x 4Ah	Selected lamps up to 58W	150mm x 44mm x 35mm
	S4CHE/M1	4x 1.5Ah		150mm x 44mm x 35mm
	S5CHE/M3	5x 4Ah	Selected lamps up to 70W	150mm x 44mm x 35mm
	S5CHE/M1	5x 1.5Ah		150mm x 44mm x 35mm

### Mackwell Primian 2 Modules

	S2C/M3	2x4Ah	T5 4-8W	150mm x 44mm x 30mm	
	S2C/M1	2x1.5Ah		150mm x 44mm x 30mm	
	S3C/M3	3x4Ah	Selected lamps	150mm x 44mm x 30mm	
	S3C/M1	3x1.5Ah	up to 24W	150mm x 44mm x 30mm	
	S4C/M3	4x4Ah	Selected lamps	150mm x 44mm x 30mm	
	S4C/M1	4x1.5Ah	up to 36W	150mm x 44mm x 30mm	
	S5C/M3	5x4Ah	Selected lamps	150mm x 44mm x 30mm	
	S5C/M1	5x1.5Ah	up to 55W, excl. amalgam	150mm x 44mm x 30mm	
	<b>AutoTest™ Modules</b>				
	AS2C/M3	2x4Ah	T5 4-8W	150mm x 44mm x 30mm	
AS2C/M1	2x1.5Ah		150mm x 44mm x 30mm		
AS3C/M3	3x4Ah	Selected lamps	150mm x 44mm x 30mm		

	Module (1&3Hr)	Battery	Lamps	Dimensions L x W x H
	AS3C/M1	3x1.5Ah	up to 24W	150mm x 44mm x 30mm
	AS4C/M3	4x4Ah	Selected lamps	150mm x 44mm x 30mm
	AS4C/M1	4x1.5Ah	up to 36W	150mm x 44mm x 30mm
	AS5C/M3	5x4Ah	Selected lamps	150mm x 44mm x 30mm
	AS5C/M1	5x1.5Ah	up to 55W. excl amalgam	150mm x 44mm x 30mm

### Mackwell Primian 3 Modules



ST4C	4 x 1.5/4.5Ah NiCd Cells	14W and 28W HE	150mm x 44mm x 30mm
ST6C	6 x 1.5/1.6/4Ah NiCd or NiMH Cells	"24W, 39W, 49W,	
54W and 80W HO "	150mm x 44mm x 30mm		
ST6C/35	6 x 1.5/1.6/4Ah NiCd or NiMH Cells	21W and 35W	150mm x 44mm x 30mm

	Module Reference	AutoTest Variant	Cells	Lamp	Dimensions L x W x H
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### Mackwell Micro Integrated



D113+	-	3	9W SE	78mm x 122mm x31mm
			11W SE	
			13W DEL	
D116+	-	3	16W 2D	78mm x 122mm x31mm
D118+	-	4	18W DEL	78mm x 122mm x31mm
			18W TEL	
D121+	-	4	21W 2D	78mm x 122mm x31mm
D123+	AD123+	3	28W 2D	78mm x 122mm x31mm
D123/80+	-	3	28W 2D	78mm x 122mm x31mm
D124+	-	4	18W TC-L	78mm x 122mm x31mm
			24W TC-L	
D126+	-	4	26W DEL	78mm x 122mm x31mm
			26W TEL	
D128+	AD128+	4	28W 2D	78mm x 122mm x31mm
D128/80+	AD128/80+	4	28W 2D	78mm x 122mm x31mm
D138	-	4	38W 2D	78mm x 122mm x31mm
D135+	AD135+	5	38W 2D	78mm x 122mm x31mm


	Module (3Hr)	Battery	Lamps	Dimensions L x W x H
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### Mackwell Small Integrated



SD308	3x4Ah	T5 6W, 8W	150mm x 44mm x 35mm
	B644 (NiCd)		
	B903 (NiMH)		
SD208+	2x4Ah	T5 6W, 8W	150mm x 44mm x 35mm
	B613 (NiCd)		
	B902 (NiMH)		



	Module (3Hr)	Battery	Lamps
<b>Orbik Combi Ballasts</b>			
	MCP4100P3	3x4Ah	2D 16W
	MCP4097P3	3x4Ah	TCD 18W, 2D 28W
	MCP4099P3	4x4Ah	2D 16W, TCD 26W
	MCP4098P3	4x4Ah	TCD 18W, T5C 22W, 2D 28W
	MCP4101P3	5x4Ah	TCF 36W, 2D 38W, T5C 40W
<b>Orbik PH Module Range</b>			
	PH4001P3	3x4Ah	see lamp selection chart
	PH4003P3	3x4Ah	see lamp selection chart
	PH4007P3	4x4Ah	see lamp selection chart
	PH4009P3	5x4Ah	see lamp selection chart
	PH4013P3	3x4Ah	see lamp selection chart
	PH4018P3	3x4Ah	see lamp selection chart
	PH4418P3	4x4Ah	see lamp selection chart
	PH4005P3	4x4Ah	see lamp selection chart
	PH4506P3	5x4Ah	see lamp selection chart
	PH4008P3	5x4Ah	see lamp selection chart
PH4011P3	5x4Ah	see lamp selection chart	
<b>Orbik PL Module Range</b>			
	PL4001P3	3x4Ah	see lamp selection chart
	PL4003P3	3x4Ah	see lamp selection chart
	PL4007P3	4x4Ah	see lamp selection chart
	PL4009P3	5x4Ah	see lamp selection chart
	PL4013P3	3x4Ah	see lamp selection chart
	PL4018P3	3x4Ah	see lamp selection chart
	PL4418P3	4x4Ah	see lamp selection chart
	PL4005P3	4x4Ah	see lamp selection chart
	PL4506P3	5x4Ah	see lamp selection chart
	PL4008P3	5x4Ah	see lamp selection chart
PL4011P3	5x4Ah	see lamp selection chart	
<b>Orbik PHR Module Range</b>			
	PHR5607P3	6x4Ah	see lamp selection chart
	PHR5608P3	6x4Ah	see lamp selection chart
	PHR5809P3	8x4Ah	see lamp selection chart
	PHR5108P3	10x4Ah	see lamp selection chart
<b>Orbik PLR Module Range</b>			
	PLR5001P3	3x4Ah	see lamp selection chart
	PLR5003P3	3x4Ah	see lamp selection chart
	PLR5007P3	4x4Ah	see lamp selection chart
	PLR5009P3	5x4Ah	see lamp selection chart
	PLR5013P3	3x4Ah	see lamp selection chart
	PLR5018P3	3x4Ah	see lamp selection chart
	PLR5418P3	4x4Ah	see lamp selection chart
	PLR5005P3	4x4Ah	see lamp selection chart
	PLR5506P3	5x4Ah	see lamp selection chart
	PLR5008P3	5x4Ah	see lamp selection chart
	PLR5011P3	5x4Ah	see lamp selection chart

	Module (3Hr)	Battery	Lamps
<b>Orbik MT Module Range</b>			
	MT5414P3	4x4Ah	see lamp selection chart
	MT5528P3	5x4Ah	see lamp selection chart
	MT5635P3	6x4Ah	see lamp selection chart
	MT5854P3	8x4Ah	see lamp selection chart
<b>Orbik PLRM/PHRM Module Range</b>			
	PLRM5005P3	4x4Ah	see lamp selection chart
	PLRM5506P3	5x4Ah	see lamp selection chart
	PHRM5607P3	6x4Ah	see lamp selection chart
	PHRM5809P3	8x4Ah	see lamp selection chart
	PHRM5108P3	10x4Ah	see lamp selection chart








	Model Number	Cells	Capacity	IEC Cell Size	Dimensions L x W x H
<b>One-Lux Nickel Cadmium (NiCd) Batteries</b>					
	NCD216SS	2	1.6Ah	'Sub-C' (SC/Cs)	86mm x 23mm x 23mm
	NCD316SS	3	1.6Ah	'Sub-C' (SC/Cs)	129mm x 23mm x 23mm
	NCD416SS	4	1.6Ah	'Sub-C' (SC/Cs)	172mm x 23mm x 23mm
	NCD14SS	1	4Ah	'D'	58mm x 34mm x 34mm
	NCD24SS	2	4Ah	'D'	116mm x 34mm x 34mm
	NCD34SS	3	4Ah	'D'	175mm x 34mm x 34mm
	NCD44SS	4	4Ah	'D'	234mm x 34mm x 34mm
	NCD54SS	5	4Ah	'D'	290mm x 34mm x 34mm
	NCD64SS	6	4Ah	'D'	350mm x 34mm x 34mm
		NCD24BS	2	4Ah	'D'
NCD34BS		3	4Ah	'D'	102mm x 63mm x 36mm
NCD44BS		4	4Ah	'D'	136mm x 63mm x 36mm
NCD54BS		5	4Ah	'D'	170mm x 63mm x 36mm
NCD64PS		6	4Ah	'D'	204mm x 63mm x 34mm

### One-Lux Nickel Metal Hydride (NiMH) Batteries

	NMH22SS	2	2.0Ah	'Sub-C'	86mm x 23mm x 23mm
	NMH32SS	3	2.0Ah	'Sub-C'	129mm x 23mm x 23mm
	NMH42SS	4	2.0Ah	'Sub-C'	172mm x 23mm x 23mm
	NMH52SS	5	2.0Ah	'Sub-C'	215mm x 23mm x 23mm
	NMH24SS	2	4.0Ah	18700	140mm x 20mm x 20mm
	NMH34SS	3	4.0Ah	18700	210mm x 20mm x 20mm
	NMH44SS	4	4.0Ah	18700	280mm x 20mm x 20mm

Model Number	Input Characteristics				Battery & Emergency Characteristics					
	Circuit Watts		Input Current		Rated Duration	Battery Type	Battery Volts (Range)	Rated Capacity	Led Voltage Range	Emergency Output Power
	Combined	Charging Only	Combined	Charging Only						

### One-Lux Unity LED | LED Mains/Emergency Driver



OLU350/500/2/M1	24W/33W	2.3W	110mA	27mA	1 Hour	NiCd/ NiMH	2 - 2.8V	1.6Ah	20-55v	1.4W
OLU350/500/2/M3	25W/34W	3.4W	153mA	34mA	3 Hours		2 - 2.8V	4Ah		1.4W
OLU350/500/3/M1	25W/33W	2.6W	150mA	29mA	1 Hour		3 - 4.2V	1.6Ah		2.6W
OLU350/500/3/M3	25W/34W	3.6W	157mA	36mA	3 Hours		3 - 4.2V	4Ah		2.6W
OLU700/1050/2/M1	35W/36W	2.3W	168mA	27mA	1 Hour		2 - 2.8V	1.6Ah		1.4W
OLU700/1050/2/M3	36W/37W	3.4W	173mA	34mA	3 Hours		2 - 2.8V	4Ah		1.4W
OLU700/1050/3/M1	35W/37W	2.6W	171mA	29mA	1 Hour		3 - 4.2V	1.6Ah		2.6W
OLU700/1050/3/M3	35W/37W	3.3W	175mA	36mA	3 Hours		3 - 4.2V	4Ah		2.6W
OLU700/1050/4/M1	36W/37W	3.0W	171mA	33mA	1 Hour		4 - 5.6V	1.6Ah		3.7W
OLU700/1050/4/M3	37W/38W	4.2W	179mA	40mA	3 Hours		4 - 5.6V	4Ah		3.7W

### Accessory Assignment



Applicable battery packs to Unity-LED models

Model Number	NiCd Batteries									NiMH Batteries					
	NCD24SS	NCD24BS	NCD34SS	NCD34BS	NCD44SS	NCD44BS	NCD216SS	NCD316SS	NCD416SS	NMH24SS	NMH34SS	NMH44SS	NMH216SS	NMH316SS	NMH416SS
OLU350/500/2/M1							✓			✓			✓		
OLU350/500/2/M3	✓	✓								✓					
OLU350/500/3/M1								✓						✓	
OLU350/500/3/M3			✓	✓							✓				
OLU700/1050/2/M1							✓						✓		✓
OLU700/1050/2/M3	✓	✓								✓					
OLU700/1050/3/M1								✓						✓	
OLU700/1050/3/M3			✓	✓							✓				
OLU700/1050/4/M1									✓						✓
OLU700/1050/4/M3					✓	✓						✓			

Applicable number of end caps to relevant battery models

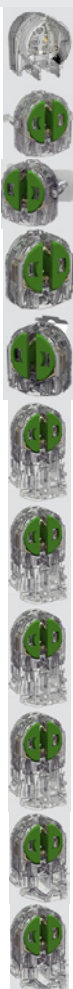
Model Number	NiCd Batteries					
	NCD24SS	NCD34SS	NCD44SS	NCD216SS	NCD316SS	NCD416SS
E	2	2	2			
E/Slotted	2	2	2			
E/18700						
E/ Sub C				2	2	2

NiMH Batteries		
NMH24SS	NMH34SS	NMH44SS
2	2	2

	Model Number	Input Supply Voltage	Supply Frequency	Maximum Load	Detection Area	Operating Temperatures	IP Rating
<b>One-Lux Microwave Sensors</b>							
	OS ECO	230V +/- 10%	50/60 Hz	400W Reactive, 800W Resistive	16x6 maximum (8m at 2.5m Ceiling Height)	-20° to 60°C	IP20
	OS FLY	230V +/- 10%	50/60 Hz	200W Reactive, 400W Resistive	16x6 maximum (8m at 2.5m Ceiling Height)	-20° to 60°C	IP20

Lamp Cap	Fixing Type	Part Number	Notes
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**Lampholders For Linear Fluorescent T5 Lamps**







G5		LH/263TR	
G5	End fix	LH/285FAUTR	2 pegs no spring
G5	End fix	LH/285MAUTR	with spring 2 pegs 12.5mm lamp centre
G5	End fix	LH/1282FAUTR	12.5mm lamp centre
G5	End fix	LH/1282MAUTR	with spring
G5	Push through	LH/289F21TR	
G5	Push through	LH/289F25TR	
G5	Push through	LH/289F30TR	
G5	Push through	LH/289F36TR	
G5	Push through	LH/289SN15TR	without peg
G5	Push through	LH/289N15TR	with peg

**Clips For T5 Lamps**



Screw fix	SC/36SVD	Nickel plated steel
Screw fix	SC/136VCVD	Transparent polycarbonate
Snap fix	SC/136A	single peg

	Lamp Cap	Fixing Type	Part Number	Notes
<b>Lampholders For T8/T12 Lamps</b>				
	G13	End fix	LH/3142TR	
	G13	End fix	LH/3142CTR	with starter holder
	G13	End fix	LH/3142FAUTR	
	G13	End fix	LH/3142CFAUTR	with starter holder
	G13	End fix	LH/3345FAU9.5TR	
	G13	End fix	LH/3345MAU9.5TR	with spring
	G13	End fix	LH/3345CFAU9.5TR	with starter holder
	G13	End fix	LH/3345CMAU9.5TR	with starter holder, with spring
	G13	Push through	LH/3249-12/S-TR	with locating peg
	G13	Push through	LH/3254-12/S-TR	with locating peg
	G13	Snap In	LH/3251LR23TR	
	G13	Snap In	LH/3255LRB10TR	
	G13	Snap In	LH/271STR	

#### Clips For T8 Lamps



Screw Fix SC/37SVD

#### Clips For T12 Lamps



Screw Fix SC/38SVD

#### Lampholders For Circular Fluorescent lamps



2GX13 Screw Fix LH/190  
G10Q End Fix LH/180DFR 30cm lead

#### Clips For Circular Fluorescent Lamps



Screw Fix SC/82SVD









Screw Fix SC/135V

#### Lampholders For Compact Fluorescent Lamps





G(X)24D1 Screw Fix LH/422VPD1  
G(X)24 D2 Screw Fix LH/422VPD2  
G(X)24D3 Screw Fix LH/422VPD3  
G(X)24Q1 Screw Fix LH/422VPQ1  
G(X)24Q2 Screw Fix LH/422VPQ2  
G(X)24Q3 Screw Fix LH/422VPQ3  
G(X)24Q4 Screw Fix LH/422VPQ4  
G(X)24D1 Screw Fix LH/AR721D1 Barrel  
G(X)24D2 Screw Fix LH/AR721D2 Barrel  
G(X)24D3 Screw Fix LH/AR721D3 Barrel





	Lamp Cap	Fixing Type	Part Number	Notes
	G(X)24Q1	Screw Fix	LH/AR721Q1	Barrel
	G(X)24Q2	Screw Fix	LH/AR721Q2	Barrel
	G(X)24Q3	Screw Fix	LH/AR721Q3	Barrel
	G(X)24Q4	Screw Fix	LH/AR721Q4	Barrel
	G(X)24D1	Screw Fix	LH/422AD1X	Vertical
	G(X)24D2	Screw Fix	LH/422AD2X	Vertical
	G(X)24D3	Screw Fix	LH/422AD3X	Vertical
	G(X)24Q1	Screw Fix	LH/422AQ1X	Vertical
	G(X)24Q2	Screw Fix	LH/422AQ2X	Vertical
	G(X)24Q3	Screw Fix	LH/422AQ3X	Vertical
	G(X)24Q4	Screw Fix	LH/422AQ4X	Vertical
	G(X)24D1	Screw Fix	LH/2423VD1T	Horizontal
	G(X)24D2	Screw Fix	LH/2423VD2T	Horizontal
	G(X)24D3	Screw Fix	LH/2423VD3T	Horizontal
	G(X)24Q1	Screw Fix	LH/2423VQ1T	Horizontal
	G(X)24Q2	Screw Fix	LH/2423VQ2T	Horizontal
	G(X)24Q3	Screw Fix	LH/2423VQ3T	Horizontal
	G(X)24Q4	Screw Fix	LH/2423VQ4T	Horizontal
	G(X)24D1	Snap Fix	LH/2423LRD1T	Horizontal
	G(X)24D2	Snap Fix	LH/2423LRD2T	Horizontal
	G(X)24D3	Snap Fix	LH/2423LRD3T	Horizontal
	G(X)24Q1	Snap Fix	LH/2423LRQ1T	Horizontal
	G(X)24Q2	Snap Fix	LH/2423LRQ2T	Horizontal
	G(X)24Q3	Snap Fix	LH/2423LRQ3T	Horizontal
	G(X)24Q4	Snap Fix	LH/2423LRQ4T	Horizontal
	2G7	Screw Fix	LH/451FA	
	2G7	Snap Fix	LH/451LR	
	2G11	Screw Fix	LH/443VA	Vertical/Horizontal
	2G11	Peg Fix	LH/443AU	
	2G11	Screw Fix	LH/441V	Horizontal
	2G11	Screw Fix	LH/442V	
	G23	Screw Fix	LH/403VL	
	G23	Snap Fix	LH/403LR	


### Support Clips For Compact Fluorescent Lamps

	Screw Fix	SC/130V	Double
	Peg Fix	SC/130A	Double
	Screw Fix	SC/131V	Single
	Peg Fix	SC/131A	Single
	Screw Fix	SC/132V	Double
	Peg Fix	SC/132A	Double
	Peg Fix	SC/113221.5	Double, single peg

	Lamp Cap	Fixing Type	Part Number	Notes
<b>Lampholders For 2D Compact Fluorescent lamps</b>				
	GR8	Screw Fix	LH/411V	
	GR8	Peg Fix	LH/411AU	
	GR8	Snap Fix	LH/411BU	
	GR10Q	Screw Fix	LH/413V	
	GR10Q	Peg Fix	LH/413AU	
	GR10Q	Snap Fix	LH/413BU	

	Description	Part Number	
<b>Accessories For Compact Fluorescent Lamps</b>			
	Snap on cap with M10 threaded hole	LA/AR100ASF	
	Shade ring	LA/AR272B	
	Shade ring	LA/AR273B	

	Lamp Cap	Fixing Type	Part Number	Notes
<b>Lampholders For Discharge Lamps</b>				
	RX7S, RX7S-24	Screw Fix	LH/21121	
	RX7S, RX7S-24	Screw Fix	LH/21121SC	With fixing bracket
	RX7S, RX7S-24	Screw Fix	LH/20321	
	E40	Screw Fix	LH/AR4PDEFSQ	External fix
	G12	Screw Fix	LH/305	20cm lead
	PG12-2	Screw Fix	LH/3102VE	External fix
	FC2	Screw Fix	LH/315F	
	E27	Screw Fix	LH/29.304.3710	Internal fix
	E27	Screw Fix	LH/29.304.3716	External fix, right angled bracket
	E40	Screw Fix	LH/29.401.3700	Internal fix

	Lamp Cap	Fixing Type	Part Number	Notes
<b>Lampholders For Mains Voltage Halogen Lamps</b>				
	R7S, RX7S	Screw Fix	LH/208	45cm lead, max 1500w
	R7S, RX7S	Screw Fix	LH/211TF	32cm lead, max 1000w
	R7S, RX7S	Screw Fix	LH/211SCTF1.5	32cm lead, external bracket, max 1500w
	R7S	Screw Fix	LH/204	25cm lead, max 500w
	R7S	With Nut	LH/AR5120TF	23cm lead
	G9	Snap Fix springs	LH/2227SF	
	GU10, GZ10	Screw Fix	LH/226Z	14cm lead



	Lamp Cap	Fixing Type	Part Number	Notes
<b>Lampholders For Low Voltage Halogen Lamps</b>				
	GZ4, G5.3, GX5.3, GX6.35, GZ6.35	Screw Fix	LH/224	12cm lead
	G4, GY4, GZ4	Screw Fix	LH/216	12cm lead
	GU4	Screw Fix	LH/224GU4	12cm lead, with clip
	G5.3, GX5.3, G6.35, GY6.35	Screw Fix	LH/2172	12cm lead
	GU5.3	Screw Fix	LH/224GU5.3	12cm lead, with clip

<b>Starter Holders</b>				
		Screw Fix	SH/16V	
		Screw Fix	SH/17V	
		Peg Fix	SH/11AL	
		Peg Fix	SH/17	
		Peg Fix	SH/19	
		Snap Fix	SH/112	with spacing collar
		Peg Fix	SH/12	with spacing collar

## Emergency Lighting Battery Configurations

'D' Cell High Temperature 4Ah, 1.2V/Cell

- All batteries complete with flying lead and polarised 'amp' connector
- Other configurations available on request

2 Cell			3 Cell			4 Cell (4.8v)			5 Cell (6v)			6 Cell (7.2v)		
SM/02/ST			SM/03/ST			SM/04/ST			SM/05/ST			SM/06/ST		
2 CELL STICK			3 CELL STICK			4 CELL STICK			5 CELL STICK			6 CELL STICK		
L	H	D	L	H	D	L	H	D	L	H	D	L	H	D
153mm	35mm	35mm	212mm	35mm	35mm	271mm	35mm	35mm	329mm	35mm	35mm	387mm	35mm	35mm
Fixing Centres 139mm			Fixing Centres 198mm			Fixing Centres 257mm			Fixing Centres 316mm			Fixing Centres 374mm		
SM/02/PL			SM/03/PL			SM/04/PL			SM/05/PL			SM/06/PL		
2 CELL PLATE			3 CELL PLATE			4 CELL PLATE			5 CELL PLATE			6 CELL PLATE		
L	H	D	L	H	D	L	H	D	L	H	D	L	H	D
65mm	62mm	35mm	98mm	62mm	35mm	130mm	62mm	35mm	163mm	62mm	35mm	198mm	60mm	37mm
						SM/2+2/LINE			SM/3+2/LINE			SM/3+3/LINE		
						2 x 2 CELL STICKS			1 x 3 + 1 x 2 CELL STICKS			2 x 3 CELL STICKS		
L (2 off)	H	D	L (2 off)	H	D	L (2 off)	H	D	L	H	D	L (2 off)	H	D
154mm	37mm	37mm	154mm	37mm	37mm	213mm	37mm	37mm	213mm	37mm	37mm	213mm	37mm	37mm
Fixing Centres 145mm			Fixing Centres 145mm			Fixing Centres 200mm			Fixing Centres 200mm			Fixing Centres 200mm		
									L					
									154mm					
									H					
									37mm					
									D					
									37mm					
									Fixing Centres 143mm					
						SM/2+2/DEC			SM/2+3/DEC			SM/3+3/DEC		
						2 x 2 CELL STICKS (Double End Caps)			1 x 3 + 1 x 2 CELL STICKS (Double & Single End Caps)			2 x 3 CELL STICKS (Double End Caps)		
L	H	D	L	H	D	L	H	D	L	H	D	L	H	D
169mm	37mm	71mm	169mm	37mm	71mm	221mm	37mm	71mm	221mm	37mm	71mm	228mm	37mm	71mm
Fixing Centres 157mm			Fixing Centres 157mm			Fixing Centres 208mm			Fixing Centres 208mm			Fixing Centres 216mm		

R/KIT/OL55



### Features :

- Ideal for use with LED panels or downlights
- External battery connector for simple isolation
- 3 pole isolation of lamp & mains driver power during emergency
- Conforms to EN60598-1 & EN60598-2-22
- Driver complies with: EN61347-1, EN61347-2, EN55015, EN61000-3-2, EN61547
- Mating panel plug & socket connections available on request
- 5 year warranty

### Description:

R/KIT/OL55 is an effective solution for emergency conversion of luminaires using LED arrays. The compact, robust housing is supplied containing the emergency driver, rechargeable battery and connection terminals. Its hinged cover offers easy access for both wiring and battery during installation. This product is intended to be used with a separate mains driver for maintained applications, and is available pre-wired with cable assemblies for simple 'plug-and-play' convenience.

The constant-power driver technology will run any LED array rated from 9V-55V \*, so making it easy to produce an emergency version of your existing LED luminaire.

Technical Data	
Order Code	R/KIT/OL55
Input Supply Voltage	230V +/- 10%
LED Voltage Range	9-55V DC
Battery Type	3.6V NiCD
Ambient Temperature Range	5-35°C
IP Rating	IP20
Dimensions (mm)	320(l) x 88(w) x 42(h)
Minimum Ceiling Cut-Out Size	100mm
Weight	0.7Kg

\*Please Note- Other Models up to 200V DC are available on request

SMARTSYSTEMSUK  
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Design:  
[www.Ellosk09.com](http://www.Ellosk09.com)



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