
W & F Electrical

Suppliers of Signage, Display & Lighting Components

TRADE GUIDE

ALL PRICES SUBJECT TO 10% GST

1st OCTOBER 2008

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FACTORY 2, 149 NORTHERN ROAD
HEIDELBERG HEIGHTS
VICTORIA 3081

PHONE: (03) 9455 3122 FAX: (03) 9455 3144

EMAIL : wf_electrical@yahoo.com.au

**HOURS OF OPERATION MONDAY TO THURSDAY 8.30AM TO 4.30PM
FRIDAY 8.30AM TO 4.00PM (CLOSED WEEKENDS & PUBLIC HOLIDAYS)**

AS/NZS 3832:1988 AUSTRALIAN STANDARDS LOAD CHART**TYPICAL COLD-CATHODE TUBE LOADING CHART**

Iron-core Neon Transformers

Type	ELECTRIC METRES (See Note 1)											
SECONDARY VOLTAGE	NEON tube diameter mm						ARGON MIX (See note 3) tube diameter mm					
V	25	20	15	12	10	8	25	20	15	12	10	8
15000	31.2	25.6	19.8	16.3	13.8	11.4	35.7	32.0	27.7	24.8	22.6	20.2
12000	25.0	20.5	15.9	13.0	11.0	9.1	28.6	25.6	22.2	19.8	18.1	16.2
10000	20.8	17.1	13.2	10.9	9.2	7.6	23.8	21.3	18.5	16.5	15.1	13.5
9000	18.8	15.4	11.9	9.8	8.3	6.8	21.5	19.2	16.6	14.9	13.6	12.2
8000	16.7	13.7	10.6	8.7	7.4	6.1	19.1	17.1	14.8	13.2	12.1	10.8
7500	15.5	12.9	10.0	8.7	7.0	5.7	17.9	16.0	13.9	12.4	11.3	10.2
7000	14.6	12.0	9.3	7.6	6.5	5.3	16.7	14.9	12.9	11.6	10.6	9.5
6000	12.5	10.3	8.0	6.5	5.6	4.6	14.3	12.8	11.1	9.9	9.1	8.1
5000	10.4	8.6	6.6	5.5	4.6	3.8	11.9	10.7	9.3	8.3	7.6	6.8
4000	8.4	6.9	5.3	4.4	3.7	3.1	9.6	8.6	7.4	6.6	6.1	5.4
3000	6.3	5.2	4.0	3.3	2.8	2.3	7.2	6.4	5.6	5.0	4.6	4.1
2500	5.2	4.3	3.3	2.6	2.3	1.9	6.0	5.4	4.7	4.2	3.8	3.4
2000	4.2	3.5	2.7	2.2	1.9	1.6	4.8	4.3	3.7	3.3	3.1	2.7
1500	3.2	2.6	2.0	1.7	1.4	1.2	3.6	3.2	2.8	2.5	2.3	2.1
1000	2.1	1.8	1.4	1.1	1.0	0.8	2.4	2.2	1.9	1.7	1.6	1.4
Recommended gas pressure mm/Hg	6.0	7.5	10.0	12.5	15.0	18.5	5.0	6.5	8.5	10.5	12.5	16.0

NOTE: THIS CHART SHOULD BE USED AS A GUIDE ONLY.

1

The load length in electric metres is the length of cold-cathode tubing plus 0.5m for each pair of electrodes, e.g. if a sign is composed of four letters, each letter comprising one linear metre of tubing and one pair of electrodes then the total load in electric metres = 0.5 4 electrode pairs = 6 electric m.

2

For exposed and extremely cold areas, reduce the length by 20%.

3

Argon mix = 75% argon and 25% neon.

To ensure maximum reliability, transformers must be correctly calibrated to the manufacturers specifications before and after installation.

Electronic Neon Transformers

Maximum Load Length Chart

Type	ELECTRIC METRES (See Notes)											
SECONDARY VOLTAGE	NEON / CLEAR tube diameter mm						MERCURY / ARGON MIX tube diameter mm					
V	20	15	12	10	9	8	20	15	12	10	9	8
12000	18.6	13.7	10.6	7.6	6.4	5.5	20.4	16.7	12.8	9.1	7.6	6.4
10000	16.7	12.2	9.1	6.4	5.5	4.9	18.9	14.3	10.3	7.9	6.1	5.5
7500	11.9	9.1	7.0	5.2	4.3	3.7	13.7	11.0	8.2	6.1	4.9	4.3
Recommended gas pressure mm/Hg	7.5	9.0	11.0	13.0	15.0	17.0	7.5	9.0	11.0	13.0	15.0	17.0

Note: for each pair of Electrodes used deduct 300mm of tube length from the above chart.

Do not exceed maximum tube length prescribed in the "Maximum Load Length" metre chart.

Maximum length in metres may vary according to HV wire leads length and environment. Metreage for mercury filled tubes are based on operation in temperatures above 4°C (40°F). Deduct 25% of tube metre for operation below 4°C (40°F).

Installation

1. can be installed on either a metallic or non-metallic surface, free airflow should be ensured to provide adequate ventilation.
2. The overall length of the GTO leads should be under 2m, and always keep a minimum of 25mm between each wire and any metallic surface.
3. When using more than one power supply to illuminate a sign, keep at least 75mm between power supplies, never cross HV leads or cross HV leads with supply leads. It is preferable to make the HV output wire leads as short end as equal in length as possible.
4. Installation shall be in conformity with local codes.

**SIET Transformers rated IP44
30 mA (short circuit)**

STOCK CODE	Type	Sec. Voltage	Weight	Dimensions
		V	kg	LxWxH mm
T2/25S	SIET	2000	3.35	255 84 80
T3/25S	SIET	3000	3.35	255 84 80
T4/25S	SIET	4000	3.35	255 84 80
T5/25S	SIET	5000	4.23	255 84 89
T6/25S	SIET	6000	4.23	255 84 89
T7.5/25S	SIET	7500	5.24	255 84 100
T9/25S	SIET	9000	5.24	255 84 100
T10/25S	SIET	10000	7.45	295 113 100
T12/25S	SIET	12000	7.45	295 113 100
T15/25S	SIET	15000	9.37	295 113 113

60 mA (short circuit)

STOCK CODE	Type	Sec. Voltage	Weight	Dimensions
		V	kg	LxWxH mm
T6/60S	SIET	6000	7.45	295 113 100
T10/60S	SIET	10000	9.37	295 113 113
T12/60S	SIET	12000	9.37	310 125 140
T15/60S	SIET	15000	12.95	310 125 140

**STANDARD ELECTRIC WORKS Transformer
30 mA (short circuit)**

STOCK CODE	Type	Sec. Voltage	Weight	Dimensions
		V	kg	LxWxH mm
T3000	STANDARD	3000	3.5	266 83 76
T4000	STANDARD	4000	4	266 83 76
T5000	STANDARD	5000	4.5	266 83 76
T6000	STANDARD	6000	5	278 91 83
T7500	STANDARD	7500	5	278 91 83
T9000	STANDARD	9000	6	291 103 89
T10000	STANDARD	10000	7	291 103 89
T12000	STANDARD	12000	9	291 103 120
T12000E	ENCLOSED IP23	12000	-	-
T15000	15000	15000	12	311 103 140
T15000E	ENCLOSED IP23	15000	-	-

60 mA (short circuit)

STOCK CODE	Type	Sec. Voltage	Weight	Dimensions
		V	kg	LxWxH mm
T5000/60	60mA	5000	-	216 103 89
T10000/60	60mA	10000	13	235 116 140
T12000/60	60mA	12000	19	254 130 163
T15000/60	60mA	15000	19.5	254 130 163

Window Type

STOCK CODE	Type	Sec. Voltage	Weight	Dimensions
		V	kg	LxWxH mm
T5000/W		5000	-	228 78 86
T7500/W		7500	-	-
T9000/W		9000	-	255 91 105

SANYO Transformers (epoxy filled)

STOCK CODE	Type		Sec. Voltage	Current s/c	
			V	mA	
S7500	7.5/30		7500	30	
S9000E	9/30E		9000	30	
S1200	12/30		12000	30	
S12000E	12/30E		12000	30	
S1500	15/30		15000	30	
S1500E	15/30E		15000	30	

Electronic Transformers (Built in OCM)

Type	Voltage	S/C Current	Description	Dimensions	Weight
	V	mA		mm	kg
TKID3030	3000	22	Outdoor SIET transformer		
TKID5025	5000	25	Outdoor SIET transformer	111x42x34	
TKID5025F	5000	25	Outdoor SIET flashing	111x42x34	
EH4530F	4500	30	Flashing indoor transformer	185x90x50	
TNPG6020K	6000	20	NPG 6000 Electronic	135x65x38	
EH9030	9000	30	Indoor transformer	185x90x50	
EH9030F	9000	30	Flashing indoor transformer	185x90x50	
TNP330	3000		indoor/outdoor transformer	107x35x31	
TNP7530	7500	30	indoor/outdoor transformer	146x57x35	0.41
TNP1030	10000	30	indoor/outdoor transformer	164x65x55	0.71
TNP1030F	10000	30	Transformer w/Flasher	164x65x55	0.71
TNP1230	12000	30	indoor/outdoor transformer	157x96x58	1.1
TNP1230F	12000	30	Transformer w/Flasher	157x96x58	1.1
TNIK/9025	9000	25	NIKY 17KHz electronic	222x66x44	0.9
TNIKPP	-	-	NIKY Standard plug pack	-	-
TNIIKPPDIM	-	-	NIKY Dimmer plug pack	-	-

Mini Neon Transformers

1204	1204 12V. DC. 1500V. 10ma MAX. 1.5M. 15mm.
EH1214	1214 12V. DC. 6000V. 10ma MAX. 4.5M. 15mm.

Open Circuit Monitor (OCM)

STOCK CODE	Type	Description	
OCM30S	OCM30S	Under lid of 10/25s to 15/25s Siet	
OCM30E	OCM30E	Enclosed stand alone (IP55)	
OCM60E	OCM60E	Enclosed stand alone (IP55)	
OCM30	OCM30	Stand alone	
OCM60	OCM60	Stand alone	
OCME	OCME	Enclosed inline for S.E. window trans. (IP56)	
OCM	OCM	0, 2, 3, 4, A, B, D	
OCM30P	OCM30P	Plug pack	
OCMOP	OCMOP	Plug pack	
OCMDIM30	OCMDIM30	For dimming (stand alone)	

Transformer Box Galvanised

STOCK CODE	Type	IP RATING	SIZE LxWxH mm	
TBOX	GAL	23	430 170 177	

F.A.R.T. NEON TRANSFORMERS Resin Block

CODE	SIZE	DIMENSIONS			Working Current	NETT WT.
	Volts / mA / mf	H	W	L		Kg.
TFRB230	2000kv / 30mA / 2uf	66	76	247	25	2.35
TFRB430	4000kv / 30mA / 4uf	73	76	247	25	3.00
TFRB630	6000kv / 30mA / 8uf	84	76	247	25	3.80
TFRB730	7000kv / 30mA / 10uf	87	92	270	25	4.85
TFRB830	8000kv / 30mA / 10uf	87	92	270	25	4.90
TFRB930	9000kv / 30mA / 10uf	86	107	305	25	6.20
TFRB1030	10000kv / 30mA / 12.5uf	100	107	305	25	7.30
TFRB1230	12000kv / 30mA / 16uf	100	107	305	25	7.30
TFRB1530	15000kv / 30mA / 20uf	100	107	305	25	7.50

RESINBLOCK - 'Pe' (OPTIONAL OCP/ELP SWITCH or STANDARD)

TFRB660	6000kv / 60mA	100	107	305	48	7.40
TFRB7560	7500kv / 60mA	100	107	305	48	9.20
TFRB960	9000kv / 60mA	112	107	305	48	9.30
TFRB1060	10000kv / 60mA	112	107	305	48	9.40
TFRB1260	12000kv / 60mA	122	140	355	48	14.30
TFRB1560	15000kv / 60mA	122	140	355	48	15.00

** = MID-POINT GROUNDED / NORMAL POWER FACTOR

RESINBLOCK - 'Pe' (OPTIONAL OCP/ELP SWITCH or STANDARD)**COLD CATHODE TRANSFORMERS** TYPE: TYPE: YELLOW LABEL-Short circuit current 90mA MAX.

CODE	SIZE	DIMENSIONS			Working Current	NETT WT.
	Volts / mA	H	W	L		Kg.
TFRB490	4000kv / 90mA	112	107	305	48	9.30
TFRB690	6000kv / 90mA	112	107	305	48	9.40
TFRB7590	7500kv / 90mA	122	140	355	48	14.30
TFRB1090	10000kv / 90mA	122	140	355	48	15.00

RESINBLOCK - 'Pe' (OPTIONAL OCP/ELP SWITCH or STANDARD)**COLD CATHODE TRANSFORMERS** TYPE: WHITE LABEL - Short circuit current 120mA MAX

TFRB4120	4000kv / 120mA	112	107	305	48	9.30
TFRB6120	6000kv / 120mA	112	107	305	48	9.40
TFRB75120	7500kv / 120mA	122	140	355	48	14.30
TFRB10120	10000kv / 120mA	122	140	355	48	15.00

MINIBLOCK - 'CM' (STANDARD)

TYPE:- RED LABEL - Short circuit current 30mA MAX.

TFMB130	1000kv / 30mA	48	74	260	25	2.35
TFMB230	2000kv / 30mA	48	74	260	25	2.35
TFMB430	4000kv / 30mA	52	74	260	25	2.35
TFMB630	6000kv / 30mA	65	74	260	25	2.35

Prices are GST exclusive and are subject to change without notice.

Charges for freight & packing may apply.

AUSTRALIAN STANDARDS CONFORMANCE:-

F.A.R.T. TRANSFORMERS (CS/1089/S)

FOR COLD CATHODE ELECTRIC DISCHARGE LAMPS AND LIGHTING SYSTEMS.

Electricity Trust of South Australia - Certificate of Suitability 1089 (Dated 17/08/1994)

Complies with Australian Standards - AS3 143-1982

F.A.R.T. TRANSFORMER LIDS (ITACS)

Complies with Australian Standards - AS 2420 (glow wire test at 850 degrees C)

Nature of tests: Limited test to AS 3000 - 1991 inc. amdt 3.

HANSEN ELECTRONIC NEON CONVERTERS			
CODE	OUTPUT	INPUT	SIZE
TEVG30/2	2kv - MINI	230V	50 x 55 x 28
TEVG30/3	3kv	230V	100 x 47 x 27
TEVG30/5F	5kv Flasher	230V	170 x 54 x 38
EVG 30mA	5KvRedGas	170x54x40	each \$107.00
TEVG30/5D	5kv Dimmer	230V	170 x 54 x 40
TEVG30/8F	8kv Flasher	230V	230 x 56 x 44
TEVG30/8D	8kv Dimmer	230V	230 x 56 x 44
TSN2000	Flow Neon	230V	170 x 54 x 38

PLEASE NOTE

1. All Hansen electronic converters above 3Kv have built-in open circuit and earth leakage protection.
2. Units are available in either Black or White.
3. Above models may also be ordered in 20mA.
4. Milliampmeter HF/LF Universal Unit available

OPEN CIRCUIT PROTECTION DEVICE

F.A.R.T. OCP/ELP SWITCH (Dualpro)

Designed for installation into 'PE' F.A.R.T. Transformers.

Sizes to fit all 'Pe' F.A.R.T. Transformers - See Chart below.

PLEASE NOTE - THESE ARE THE ONLY AUTHORISED SWITCHES FOR USE IN F.A.R.T. TRANSFORMERS.

OCM's Dual Pro Open Circuit Monitors for FART transformers						
Current						
VOLTS	20ma	30ma	45ma	60ma	90ma	120ma
1000	DP07A	DP07A	DP07B	N/A	N/A	N/A
2000	DP07B	DP07B	DP07B	DP07C	N/A	N/A
4000	DP07B	DP07C	DP07C	DP08C	DP10L	DP10M
5000	DP07C	N/A	DP08C	N/A	N/A	N/A
6000	DP07C	DP07C	DP08C	DP08C	DP10M	DP10M
7000	N/A	DP08C	DP08C	DP08C	N/A	N/A
7500	DP07C	N/A	DP10L	DP10L	DP10M	DP40P
8000	N/A	DP08C	DP08C	DP08C	N/A	N/A
9000	DP07D	DP08C	DP10L	DP10M	DP40P	DP40P
10000	DP10L	DP08C	DP10L	DP10M	DP40P	DP40P
12000	N/A	DP08C	N/A	DP10M	N/A	N/A
15000	N/A	DP10L	N/A	DP40P	N/A	N/A

NPA TRANSFORMERS (IRON CORE)

Product Number	Description	Qty
TBHD07560	7.5 kV/60mA	1
TBNK	TRANSFORMER BOX -	1
TNE0630	6KV 30MA ENCL. RESIN	1
TSN5020	SLIMLINE 5Kv 30mA NP	1
RICCI	RICCI TRANSFORMERS	
TR03030	3KV/30MA RICCI OUTDOOR	1
TR04030	4KV/30MA RICCI OUTDOOR	1
TR06030	6KV/30MA RICCI OUTDOOR	1
TR075030	7.5KV/30MA RICCI	1
TR09030	9KV/30MA RICCI OUTDOOR	1
TR10030	10KV/30MA RICCI	1
TR12030	12KV/30MA RICCI	1
TR15030	15KV/30MA RICCI	1
LIDS TO SUIT	LIDS FOR RICCI	
TRLIDL	LARGE METAL LID for 9KV to	1
TRLIDLK/EL	LARGE METAL LID w/EARTH	1
TRLIDL	LARGE PLASTIC LID	1
TRLIDSM	SMALL METAL LID for 7.5 KV	1
TRLIDSMK/EL	SMALL METAL LID w/EARTH	1
TRLIDSP	SMALL PLASTIC LID	1
TRUKR2L	DUAL PROTECTION K/el	1

NPA TRANSFORMERS (ELECTRONIC)

Product Number	Description	Qty
12V DC ELECTRONIC TRANSFORMERS		
U12/3000FL	12VDC / 3000V FLOW	1
U12VDC1NT	6-16VDC MUSIC TO NEON	1
U12VDC2K40	Midget T22 12vDC/2kv 40mA	1
U12VDC5KV/F	12 VDC 5KV FADE	1
U12VDC5KV-O	12VDC/5kv NEON TXF	1
U12VDC5KV-OB	12VDC/5KV NEON TXF	1
U12VDC6KV	12VDC/6kv NEON POWER	1
U12VDC7KV	12VDC/7KV NEON POWER	1
U12VDC8K-O	12VDC/8KV NEON TXF w/	1
U12VDC8K-OB	12VDC/8KV NEON TXF w/	1
U12VDCCON	8-15 VDC MIDGET	1
U240/12VDCFLOW	240V/12VDC PLUG PK -	1
24V DC ELECTRONIC TRANSFORMERS		
U24VDC6KV	24 VDC / 6KV 20MA	1
U24VDC8KV/GEN3	24VDC 8KV GEN3 CUSTOM	1
240V ELECTRONIC TRANSFORMERS		
U530MINIBL	5KV/30MA MINI ELECT	1
U530MINIGT	5kv 30mA MINI ELECT	1
U530MINIWH	5KV/30MA MINI ELECT	1
U6500	6.5kv 30mA Neon Power	1
U6MINI117V	6KV/25mA MINI ELECT	1
U825MINIBL	8kv 25mA MINI ELECT.	1
U825MINIFLMB	8KV/25MA MINI HF TRANS	1
U825MINIGT	8kv/25mA MINI ELECT.	1
U825MINIWH	8kv/25mA MINI	1
U8MINI117V	8KV/25mA MINI ELECT	1
U9000	9kv/30mA Neon Power	1

Neon Test Equipment

Part no	Type
MILM	Milliamp meter 0-50, 0-100 test for correct tranny
SPARKTES	Tube tester Spark
COLCHK	Colour Checker
VOLT STICK	Hioki Volt Stick 50-600V Made in Japan
PD-20	High Voltage Probe for measuring AC 0-20KV/DC 30KV
APPA 62T	Digital multimeter with temperature
APPA 77T	Digital multimeter high frequency
PP PA235	AC CLAMP METER FOR MEASURING mili AMPS
	TEST LEADS
AGCSET10	Set of 10 Alligator leads 500mm long 2 x Rd, Gr, Wh, Bl & Yl
PP ATL3	Multimeter Lead Set 1.2metre 1000V
PP ATL3	Test Lead Set in pouch for Multimeter incl Alligator & Banana clips
ALGTRCLP	Alligator clip 10 pack

Animators

Part no	Type	Voltage (V)
1PF	1 point flasher	24
1PF24V	1 point flasher 24V	240
1PF200VA	1 point flasher 200VA	240
2PF	2 point flasher (alternating/curtain)	240
3PF	3 point flasher (alternating/curtain)	240
4PF	4 point flasher (alternating/curtain)	240
4PC	4 point chaser (alternating/curtain)	240

Fluorescent Tubes T5 G5/11x15**FH (T5) Fluorescent HE High Efficiency Triphosphor tubes (for use with QT_FH ECG)**

STOCK CODE	Watt	Colour	Length	Diameter		Colour	Luminous	Carton
	VA		mm	mm		°K	Flux	QTY
FH14W/860	14 w	Daylight	549	16	T5	6000	1300lm	25
FH21W/860	21W	Daylight	849	16	T5	6000	2000lm	25
FH28W/860	28W	Daylight	1149	16	T5	6000	2750lm	25
FH35W/860	35W	Daylight	1449	16	T5	6000	3500lm	25

Coloured T5 Fluorescent tubes RED, BLUE & GREEN

STOCK CODE	Watt	Colour	Length	Diameter		Colour	Luminous	Carton
	VA		mm	mm		°K	Flux	QTY
HIGH EFFNCY								
FH 21W/60 RED	21	RED	849	16	T5	N/A	N/A	20
FH 21W/66 GREEN	21	GREEN	849	16	T5	N/A	N/A	20
FH 21W/67 BLUE	21	BLUE	849	16	T5	N/A	N/A	20
FH 28W/60 RED	28	RED	1149	16	T5	N/A	N/A	20
FH 28W/66 GREEN	28	BLUE	1149	16	T5	N/A	N/A	20
FH 28W/67 BLUE	28	GREEN	1149	16	T5	N/A	N/A	20
FH 35W/60 RED	35	RED	1449	16	T5	N/A	N/A	20
FH 35W/66 GREEN	35	GREEN	1449	16	T5	N/A	N/A	20
FH 35W/67 BLUE	35	BLUE	1449	16	T5	N/A	N/A	20

HIGH OUTPUT

FQ 24W/60 RED	24	RED	549	16	T5	N/A	N/A	20
FQ 24W/66 GREEN	24	GREEN	549	16	T5	N/A	N/A	20
FQ 24W/67 BLUE	24	BLUE	549	16	T5	N/A	N/A	20
FQ 39W/60 RED	39	RED	849	16	T5	N/A	N/A	20
FQ 39W/66 GREEN	39	BLUE	849	16	T5	N/A	N/A	20
FQ 39W/67 BLUE	39	GREEN	849	16	T5	N/A	N/A	20

FQ (T5) Fluorescent HO High output Triphosphor tubes

STOCK CODE	Watt	Colour	Length	Diameter		Colour	Luminous	Carton
	VA		mm	mm		°K	Flux	QTY
FQ24W/865	24W	Daylight	549	16	T5	6000	1600lm	25
FQ39W/865	39W	Daylight	849	16	T5	6000	2850lm	25
FQ49W/865	49W	Daylight	1449	16	T5	6000	3900lm	25
FQ54W/865	54W	Daylight	1149	16	T5	6000	4050lm	25
FQ80W/865	80W	Daylight	1449	16	T5	6000	5700lm	25

Cool White 4200 °K, Day Light 6500 °K, Natural 5000 °K

Fluorescent Tubes T8

STOCK CODE	Wattage	Colour	Length	Diameter	Colour	Carton
	VA		mm	mm	°K	Qty
F4WDL	4	Daylight	134.5	16	6500 DL	25
F6WDL	6	Daylight	210.5	16	6500 DL	25
F8WDL	8	Daylight	306	16	6500 DL	25
F10WDL	10	daylight	348	26	6500 DL	25
F13WDL	13	Daylight	515	16	6500 DL	25
F15WDL	15	daylight	454	26	6500 DL	25
F 75/85W	75-85W	Coolwhite	1800	38	4000K CW	25

Triphosphor Fluorescent Tubes

STOCK CODE	WATT	Colour	Length	Diameter	Colour	Carton
			mm	mm	°K	Qty
F18WDL	18	daylight	607	26	6500 DL	25
F30WDL	30	daylight	912	26	6500 DL	25
F36WDL	36	daylight	1217	26	6500 DL	25
F58WDL	58	daylight	1518	26	6500 DL	25

Coloured Fluorescent tubes

STOCK CODE	WATT	BASE TYPE	LENGTH MM	Diameter mm	COLOUR	Carton
						Qty
FL20T8RED	18W	G13	590	26	RED	25
FL20T8DR	18W	G13	590	26	DEEP RED	25
FL20T8BRE	18W	G13	590	26	BRIGHT RED	25
FL20T8B	18W	G13	590	26	BLUE	25
FL20T8G	18W	G13	590	26	GREEN	25
FL20T8Y	18W	G13	590	26	YELLOW	25
FL20T8DY	18W	G13	590	26	DEEP YELLOW	25
F18W BLB	18W	G13	590	26	BLACK LIGHT BLUE	25
FL40T8RED	36W	G13	1200	26	RED	25
FL40T8DR	36W	G13	1200	26	DEEP RED	25
FL100T8BRE	36W	G13	1200	26	BRIGHT RED	25
FL40T8B	36W	G13	1200	26	BLUE	25
FL40T8G	36W	G13	1200	26	GREEN	25
FL40T8Y	36W	G13	1200	26	YELLOW	25
FL40T8DY	36W	G13	1200	26	DEEP YELLOW	25
F36W BLB	36W	G13	1200	26	BLACK LIGHT BLUE	25

Circular Tubes

STOCK CODE	Watt	Colour	Diameter (outer) mm	Colour Temp	Carton
				°K	QTY
FCL 22W D/L	22	DAYLIGHT	210	6500 DL	12
FCL 32W D/L	32	DAYLIGHT	300	6500 DL	12
FCL 40W D/L	40	DAYLIGHT	402	6500 DL	12

Please note : Other Colour whites available on request

Starters

STOCK CODE		TYPE	CARTON QTY
FSU	FSU	4-80 watt starter	250
FS2	FS2	2-22 watt starters	250
MSE11	MSE11	electronic starter 4 - 80W	100
EFS628	EFS628	pulsestarters series 4-125 watt	single
EFS120	EFS120	pulsestarters series 15-22 watt	single

Iron Core Ballasts

CODE	Type	Current draw	Wattage	Watts loss
B468W	EC4-6-8	165ma	4, 6, 8	4.5
B9W	EC9	165ma	9	2.5
B10W	EC10	225ma	10	7
B13W	EC13	215ma	13	3.9
B13WSlimline	SL13	n/a	13	
B15W	EC15	310ma	15	9
B18 20W	EC18-20	370ma	18-20	10.3
B30W	EC30	360ma	30	15
B36 40W	EC36-40	415ma	36-40	10
B58 65W	EC58-65	660ma	58-65	13
B75W	EC75	640ma	75	
80W	EC85-80	n/a	80, 85	
125W	EC125	940ma	125	

Electronic Ballasts

STOCK CODE	Type	Wattage	Power circuit	Current Draw	Dimson
		VA			mm
PC1/14/21/28/35	Electronic Ballast	1x14,21,28,35	17W	74ma	280x30x21
PC2/14/21/28/35	Electronic Ballast	2x14,21,28,35	33W	143ma	360x30x21
PC2/39T5PRO	Electronic Ballast	2 x 39w	82.5W	354ma	360x30x21
PC2/54T5PRO	Electronic Ballast	2 x 54w	114W	489ma	360x30x21
PC1/18T8PRO	Electronic Ballast	1 X 18w	18.5W	80ma	234x40x28
PC1/36T8PRO	Electronic Ballast	1X 36w	35.5W	150ma	234x40x28
PC1/58T8PRO	Electronic Ballast	1 X 58w	53.5W	230ma	234x40x28
PC2/18T8PRO	Electronic Ballast	2 x 18w	37.5W	80ma	234x40x28
PC1/30T8PRO	Electronic Ballast	1 X 30w	30W	140ma	234x40x28
PC2/30T8PRO	Electronic Ballast	2 x 30w	56W	260ma	234x40x28
PC2/36T8PRO	Electronic Ballast	2 x 36w	71.5W	310ma	234x40x28
PC2/58T8PRO	Electronic Ballast	2 x 58w	108W	460ms	234x40x28
PCA1/30T8ECO	Elec Ballast Dimmable	1X30w	30.1W	135ma	360x30x28
PCA2/30T8ECO	Elec Ballast Dimmable	2X30w	58W	260ma	360x30x28
PCA1/36T8ECO	Elec Ballast Dimmable	1 x 36w	36.5W	165ma	360x30x28
PCA2/36T8ECO	Elec Ballast Dimmable	2 x 36w	70.4W	305ma	360x30x28
EZPLUS 1X36/2X18w	Electronic instant start	1x36/2x18W	36W	160ma	155x42x33
EZPLUS 2X36/4X18w	Electronic instant start	2x36/4x18W	66W	300ma	186x43x33

Connectors & Holders

CODE	Type	Description	Ctn Qty
STARTER HOLDERS			
17V	17V	starter holders	100
19	19	starter holders to match No 43 T12	100
12	12	starter holders recessed	500

LAMP CLIPS

Clip36	36	T5 Metal tube clip 16mm	200
Clip37	37	T8 Metal tube clip 26mm	200
Clip38	38	T12 Metal tube clip 38mm	200
82	82	Circular 1/2 Metal clip for circular tube	500

TERMINAL BLOCKS

				Current
134/12	134/12	terminal strip 12 connector 8mm	100	20A
136/12	136/12	terminal strip 12 connector 10mm	100	30A
136/3/TSC	136/3/TSC	terminal strip 3 connector with cover	100	30A
137/12	137/12	terminal strip 12 connector 11.5mm	100	40A
239/12	239/12	terminal strip 12 connector 13.5mm	10	55A
138/12	138/12	terminal strip 12 connector 14.5mm	10	75A
SLS10FFE	SLS10FFE	t/strip 3 connector --> push in wires	100	-
SLSCOVER	SLSCOVER	cover for SLS10FFE	100	-
C05	C05	terminal strip 10 connectors 2.5mm ²	100	-
LAJB/V	LAJB/V	junction box screw fix with connector	100	-

TOMBSTONES & LAMP HOLDERS

140C	140C	T8 push-on button & starter holder	100
142	142	T8 push-on 2-pin button	100
ST228S	228S	T8 TOMBSTONE LAMP HOLDER	100
43	43	T12 push-on 2-pin button	100
ST283	ST283	T5 Tombstone G5 twist end Lmp Hldr	100
260	260	T5 Tombstone G5 push in Lmp Hldr	100
ST263	263	T5 G5 Push on end Lmp Hldr	100
184	184	circular lamp plug 4-pin	100
179	ST179	circular lamp plug & starter holder	100

Please note : Many more lamp holders available, please call for assistance

KUFTB1/N	KUFTB1/N	fuse holder (A.N.E. terminal)	100
KU05A	KU05A	fuse cartridge for FTB1/N 5amp	100
ELH	ELH	Edison screw lamp holder - porcelain	single
439	439	3-pin plug male	single
438	438	female 3-pin plug	single
530LT	530L	batten holder BC	single
5510	5510	self adhesive cable supports	100

BAKELITE

413		Fan Surface 3 Pin Socket	10
SINGLE SCREW		Single Screw connectors	100
ARCHSWTCH		Single Architrave Switch	20
WSW201 PDL		PDL lock on/off switch 20Amp IP56	6
DBLE GPO		Double GPO POWERPOINT	10
JBSML		Small junction box 80 x 60 x 36mm	20
JBLGE		Large junction box 96 x 68 x 47mm	10
JB IP65		Junction Box IP65 80mm x 80mm	ea
MNTBLOCK		General Power Outlet Mount Block	10

Capacitors for power factor correction

STOCK CODE	Capacitor μF	Voltage V	
3MFD	3	240	
4MFD	4	240	
6MFD	6	240	
8MFD	8	240	
10MFD	10	240	
12MFD	12	240	
16MFD	16	240	
18MFD	18	240	
20MFD	20	240	
25MFD	25	240	
30MFD	30	240	
35MFD	35	240	
40MFD	40	240	
45MFD	45	240	
50MFD	50	240	
7.2MFD	7.2	440	

Prices include mounting: Self adhesive for sizes up to and including 12MFD
All other sizes supplied with clips or nuts

Other Capacitor sizes available upon request

Guide for power factor correction

Wattage W	Lamp Length mm	Current A	Capacitor μF	Current@0.9 A	Normal ΔT
10	348	0.23	2.5	0.076	
15	454	0.310	3.2	0.111	55
18/20	607	0.370	4.0	0.120	55
30	912	0.360	3.2	0.206	55
36/40	1217	0.415	4.0	0.199	55
58/65	1518	0.660	6.5	0.301	50
75	1781	0.670	7.9	0.540	55

T5 16mm tube diameter SLIMLINE FITTINGS

CODE	L X W X H	DESCRIPTION	LAMP
TIA 14W	629x21x45mm	14W T5 S/line diffused plug n play	Cool White
TIA 21W	929x21x45mm	21W T5 S/line diffused plug n play	Cool White
TIA 28W	1229x21x45mm	28W T5 S/line diffused plug n play	Cool White
TIA 35W	1529x21x45mm	35W T5 S/line diffused plug n play	Cool White
Conn 25	250mm	250 mm connecting cable	
Conn 50	500mm	500 mm connecting cable	
Conn 100	1000mm	1000 mm connecting cable	

T8 26mm tube diameter Fluorescent Fittings

CODE	L X W X H	DESCRIPTION	LAMP
BB118	620 x 90 x 50mm	18W Bare Batten with tube	Cool White
BB136	1230 x 90 x 50mm	36W Bare Batten with tube	Cool White
BB158		58W Bare Batten with tube	Cool White
BB230		30W Bare batten with 2 tubes	Cool White
BB 236 DIFF	1230 x 90 x 80mm	36W Diffused Batten with 2 tubes	Cool White

Other sizes available on request

Cables

Please note : Cable prices are subject to change without notice

CODE	Type	Description	Max Amps	Metres
SILN		Silicon H.T. natural cable 8mm		100
SILN 6mm		Silicon H.T. natural cable 6mm		100
SILB		Silicon H.T. black cable 8mm		100
SILB 6mm		Silicon H.T. black cable 6mm		100
1/1.13		1mm V90HT wire in 5 different colours	16	500
1/1.13 100M		1mm V90HT wire in 5 different colours	16	100
1MMTE		1mm SQ. twin & earth	16	100
1.5MMTE		1.5mm SQ twin & earth	19	100
2.5MMTE		2.5mm SQ. twin & earth	28	100
4MMT&E		4mm twin & earth 7/0.85	36	100
7/.67E		2.5mm Earth Wire	20	100
7/.85E		4mm earth Grey, Black, White	28	100
3CF7.5A		3 Core Flex Grey, Black, White	7.5	100
AFC22603		2 Core Fia 8 4mm ²		100
LED0.5F8	115V DC	Figure 8 LED 14/.20 white/blk chser		100

MOULDED 3 PIN PLUGS

3PP1.7M	1.7 Metre	3Pin Plug & Flex - Grey	7.5 amps	EA
3PP2M	2 Metre	3Pin Plug & Flex Grey / Black / White	7.5 amps	EA
3PP3M	3 Metre	3Pin Plug & Flex - Grey	7.5 amps	EA
2PP2MWH-SW	2 Metre	2Pin Plug with inline switch White	7.5 amps	EA

CONDUIT

CODE	Type	Description	Quantity
CONDUIT16		Flexible Conduit 16mm	16mm Grey 50MT
CONDUIT16	AUST MADE	Flexible Conduit 16mm	16mm 50MT
CONDUIT20		Flexible Conduit	20mm 50MT
180/16		half saddle	16mm EA
180/20		half saddle	20mm EA
SGLAND16		Gland for flexible conduit	16mm EA
SGLAND20		Gland for flexible conduit	20mm EA
ELBOWGLAND		ELBOWGLAND	Angle EA

POWERBOARDS & EXTENSION LEADS

CODE	DESCRIPTION	CURRENT
PB4	4 way powerboard with 1 metre lead	10 Amp EA
3PP 3MW	3 Metre lead White	10 Amp EA
3PP 5MW	5 Metre lead White	10 Amp EA
3PP7.5MW	7.5 Metre lead White	10 Amp EA
3PP10MW	10 Metre lead White	10 Amp EA

Insulated Lugs

Type	Cable	Stud	Qty
RT 1.25-5	0.5-1.5	5mm	100
RT 1.25-6	1.5-1.5	6mm	100
RT 2-5	1.5-2.5	5mm	100
RT 2-6	1.5-2.5	6mm	100
RT 5.5-5	2.5-6.0	5mm	100
RT 5.5-6	2.5-6.0	6mm	100

Uninsulated Lugs

Type	Cable	Stud	Qty
RT 1.25-5	0.5-1.5	5mm	100
RT 1.25-6	1.5-1.5	6mm	100
RT 2-5	1.5-2.5	5mm	100
RT 2-6	1.5-2.5	6mm	100
RT 5.5-5	2.5-6.0	5mm	100
RT 5.5-6	2.5-6.0	6mm	100



Grommets

Type	Qty
RG Rubber	100
GN16 GN16 - IP68 Nylon gland	EA

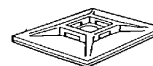
Star Lugs

Type	Qty
RS - 5	100
RS - 6	100



Cable Ties

Code	Description	DIMENSIONS	Qty
CT1000	NATURAL	102mm x 2.5mm	1000
CT150NAT	NATURAL	150mm x 3.2mm	100
CT150BLK	BLACK	150mm x 3.2mm	100
CT2000	NATURAL	200mm x 3.6mm	1000
CT200NAT	NATURAL	200mm x 4.8mm	100
CT200BLK	BLACK	200mm x 4.8mm	100
CT300NAT	NATURAL	300mm x 4.8mm	100
CT300BLK	BLACK	300mm x 4.8mm	100
CT370NAT	NATURAL	370mm x 4.8mm	100
CT370BLK	BLACK	370mm x 4.8mm	100



OTHER CABLE TIE SIZES & COLOURS AVAILABLE ON REQUEST

CTM	Self adhesive mount base	100
PCN6	Clamp 6mm	100



Neon Components

CODE	Type
SS10	Silicon Sleeves 10mm (clear, black & white)
SS12	Silicon sleeves 12/13mm (clear, black & white)
SS15	Silicon sleeves 15/16mm (clear, black & white)
10DBS	Double back sleeves 10mm (clear, black & white)
12DBS	Double back sleeves 12/13mm (clear, black & white)
15DBS	Double back sleeves 15/16mm (clear, black & white)
DC/BLK	Duo Caps BLACK 12,15 & 16mm
DC/GR	Duo Caps GREY 12,15 & 16mm
DC/BLU	Duo Caps BLUE 12,15 & 16mm
DC/RD	Duo Caps RED 12,15 & 16mm
DC/WH	Duo Caps WHITE 12,15 & 16mm
PVC	PVC Electrode Sleeves
THERMOS	Thermo sleeves (black or white)
GLASS/S	Glass sleeves (straight)
GLASS/U	Glass U sleeves
#100, #200, #300	Pyrex electrode housings #100,200 & 300
PORCEH	Porcelain electrode housings
PORC1	Porcelain bushes No.1(29mm)
PORC2	Porcelain bushes No.2 (35mm)
PORC3	Porcelain bushes No.3
SPRING	Springs to suit the above
PS	Spring post assembly
PYREX BUSH	Pyrex glass bushes No.1 25mm
GTS45	45mm Glass tube supports
GTS90	90mm Glass tube supports
SPIL10	NPA 10mm Clear Pillar Supports/100
SPIL20	NPA 20mm Clear Pillar Supports/100
SPIL30	NPA 30mm Clear Pillar Supports/100
SPIL40	NPA 40mm Clear Pillar Supports/100
SPIL50	NPA 50mm Clear Pillar Supports/100
SPIL60	NPA 60mm Clear pillar Supports/100
SPIL70	NPA 70mm Clear Pillar Supports/100
LP80	80mm long poly tube supports (black or clear)
STS	50mm spring tube supports
GRAB8	8mm grabon tube support 45mm
GRAB9	9-10mm grabon tube support 45mm
GRAB10ADJ	Dexi Clip 10mm Tube support 15-70mm adjustable
GRAB12	12-13mm grabon tube support 45mm
GRAB12-70	12-13mm grabon tube support 70 & 80mm
GRAB12ADJ	Dexi Clip 12mm Tube support 15-70mm adjustable
GRAB15	15mm grabon tube support 45mm
GRAB15-70	15mm grabon tube support 70 & 80mm
GRAB15ADJ	Dexi Clip 15mm Tube support 15-70mm adjustable
ACRAFIX	Acrafix 100g.
WTW	Tinned Copper Wire 500 grams
WSS	Stainless wire 500grams
CARBONP	Carbon paper 915mm wide
PCLOTH	Fibre glass patchcloth 1.2m coated rolls
DL	Danger H.V. labels
MICA	Mica sheet moulding .38 x 1050 x 780mm
BOB	1 litre Block Out paint black
BOG	1 litre Block Out paint grey

Letter Edge

CODE	LET-R-EDGE standard colours
LET3	76mm wide / 61m roll
LET5	127mm wide /61m roll

	LUSTER-R-EDGE bright gold & chrome
LUST3	76mm wide /61m roll
LUST5	127mm wide/61m roll

	Letter edge accessories
BRAKEPRESS	Brake Press (Includes foot control)
ROLLERS	Roller
WOOD DYES	Wood dyes

	LETTAFORM/ JEWELITE
LETFORM20	20mm wide / 46m roll
LETFORM	26mm wide / 46m roll
	50mm wde /30m roll - gold & satin stainless only

Rare Gases

CODE	TYPE & SIZE
MGAS12AN	75% Argon 25% Neon 12 LITRE CANNISTER
MGAS12HG	H-GAS (Argon/Neon) 12 LITRE CANNISTER
MGAS12NE	100% NEON GAS, 12 LITRE CANNISTER
2LTAP	Argon in pyrex 2 LITRE
2LTNP	Neon in pyrex 2 LITRE
2LTBP	Blue gas in pyrex 2 LITRE
2LTHP	Helium in pyrex 2 LITRE
1.25AS	Argon in soda 1.25 LITRE
1.25NS	Neon in soda 1.25 LITRE
1.25BS	Blue gas in soda 1.25 LITRE
1.25HS	Helium in soda 1.25 LITRE

NEON WORKSHOP Miscellaneous

	Type
GRADEDS	Graded seal
VACUUMG	Vacuum Grease 150g.
CORKS6912	Corks 6,9,&12mm
CORKS15	Corks 15mm
CORKS18+	Corks 18,20,& 25mm
RS9	Rubber stoppers 9mm
RS12	Rubber stoppers 12mm
RS15	Rubber stoppers 15mm
HANDT	Hand torch N1
BRASSWIVEL	Brass swivel 3/16" & 1/4"
BC13	Brass caps 13mm
BC15	Brass caps 15mm
TESLA	Tesla coil 240v
TPG	Temperature gauge
THERMOCOUPLE	Probe
BLOWHOSE	Blow hose (note : price per metre)
TOIL	Transformer oil diala bx
	Small fish tail burner

LED 2G (THIRD GENERATION) BACKLIGHTS

CODE	DESCRIPTION	COLOUR	WATTS PER LENGTH	VOLT	LENGTH METRE	LIGHT BOARDS PER LENGTH	Distance from Acrylic
BL02S BLUE	LED 2G BACKLIGHT-2 BLU 4.8M	BLUE	16	10	4.8	60	60mm
BL02S GRN	LED 2G BACKLIGHT-2 GR 4.8M	GREEN	16	10	4.8	60	60mm
BL02S ORNGE	LED 2G BACKLIGHT-2 OR 4.8M	ORANGE	19	10	4.8	60	60mm
BL02S RED	LED 2G BACKLIGHT-2 RED 4.8M	RED	19	10	4.8	60	60mm
BL02S YEW	LED 2G BACKLIGHT-2 YEL 4.8M	YELLOW	19	10	4.8	60	60mm
BL02SW3 854	LED 2G BACKLIGHT-2 WHITE 4.8M	WHITE	22	10	4.8	60	60mm
BL02SW3 865	LED 2G BACKLIGHT-2 WHITE 4.8M	WHITE	22	10	4.8	60	60mm

PLEASE NOTE: 2 X 4.8M CHAINS PER REEL TOTAL LENGTH 9.6 METRES



TRANSFORMERS

CODE	DESCRIPTION	Hz	WATTS	VOLTS	LENGTH
LED-OT12/230	LED 12W /10V CONTROL GEAR / INDOOR	0/50/60	12	240/10V	109X50X35
LED-OT50/230	LED 50W /10V CONTROL GEAR / INDOOR	0/50/60	50	240/10V	220X47X44
CODE	DESCRIPTION	LENGTH			
STAR80	LED STARLIGHTS 80 LED WHITE spacing 150mm	10M lead + 12mtre leds			
STAR320	LED STARLIGHTS 320 LED WHITE spacing 150mm	10M lead + 50mtre leds			

Note : LED's rated life 50,000 hours

LED Cable	Description	V	Reel
LED0.5F8	Figure 8 LED 14/.20 white/blk chser	115V DC	100m

NEOLITE NEON LEDS

Part no	W & F Part No	Description
JT 0.5W F 865		0.5watt Led module Flat
JT 1W F 865	LED NL-JT1WF	LED 1 watt Led module Flat
JT 1W SQ 865		1 watt Led module Square
JT 2.2W RGB SQ	LED NL-JTRGB	LED 1 Watt RGB Led Square
BL FLED 225S	LED NL-BL225S	0.72 Watt 12V IP67 7000K

Prices are GST exclusive and are subject to change without notice.
Charges for freight and packing may apply.

| Power Supplies |

|

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LED PP40NP	LED NL12V40WPS	12V 40VA power Supply
LED PP60NP	LED NL12V60WPS	12V 60VA power Supply
LED PP100NP	LED NL12V100WPS	12V 100VA power Supply
RBG-Cont	LED NLRGBCONT	RGB cntrl 12V RGB LEDs

OTHER LED OPTIONS & TYPES AVAILABLE PLEASE CONTACT FOR MORE INFORMATION

EGL CLEAR AND COATED LEAD GLASS 1.2m

CLEAR TUBING: UP TO 15mm, 50lb Per Pack / 18mm, 40lb Per Pack / 20mm, 35lb Per Pack

COATED TUBING: UP TO 15mm, 25lb Per Pack / 18mm, 20lb Per Pack

<i>PRODUCT</i>	<i>Diameter</i>	<i>8mm</i>	<i>10mm</i>	<i>12mm</i>	<i>15mm</i>	<i>18mm</i>
QTY COATED TUBING PER 25lb PACK		112	81	68	53	35
QTY CLEAR TUBING PER 50lb PACK		224	162	136	106	70

<i>GC</i>	<i>EGL CLEAR GLASS pack size</i>					
		5mm, 6mm		20mm, 25mm		

5mm, 6mm, 20mm, 25mm Clear Glass available in full packs only.

Diameter

<i>CODE</i>	<i>DESCRIPTION</i>	<i>8mm</i>	<i>10mm</i>	<i>12mm</i>	<i>15mm</i>	<i>18mm</i>
<i>G6500</i>	EGL SNOWWHITE	Yes	Yes	Yes	Yes	Yes
<i>G4500</i>	EGL COOLWHITE	Yes	Yes	Yes	Yes	Yes
<i>G3500</i>	EGL WHITE	Yes	Yes	Yes	Yes	Yes
<i>G3000</i>	EGL WARMWHITE	Yes	Yes	Yes	Yes	Yes
<i>GGE10</i>	EGL E10 GREEN	Yes	Yes	Yes	Yes	Yes
<i>GBE40</i>	EGL E40 BLUE	Yes	Yes	Yes	Yes	Yes
<i>GTE12</i>	EGL E12 TURQUOISE	Yes	Yes	Yes	Yes	Yes
<i>GTE20</i>	EGL E20 TURQUOISE	Yes	Yes	Yes	Yes	Yes
<i>GAZUR</i>	EGL AZURE	n/a	Yes	Yes	Yes	n/a
<i>GPURP</i>	EGL E90 PURPLE	n/a	Yes	Yes	Yes	n/a
<i>GLIL</i>	EGL LILAC	n/a	Yes	Yes	Yes	n/a
<i>GPH37</i>	EGL H37 PINK	Yes	Yes	Yes	Yes	Yes
<i>GOE80</i>	EGL E80 ORCHID	Yes	Yes	Yes	Yes	Yes
<i>GBNEO</i>	EGL NEO BLUE D/C	n/a	Yes	Yes	Yes	n/a
<i>GGE55</i>	EGL E55 CLEAR GOLD D/C	n/a	Yes	Yes	Yes	n/a
<i>GCBY</i>	EGL CLEAR BRITE YELLOW	n/a	Yes	Yes	Yes	n/a
<i>GVPGR</i>	EGL VP GREEN D/C	n/a	Yes	Yes	Yes	n/a
<i>GC</i>	EGL CLEAR	Yes	Yes	Yes	Yes	Yes

EGL COATED LEAD GLASS TUBING 2.4m - COLD CATHODE

<i>Diameter</i>	<i>18mm</i>	<i>20mm</i>	<i>25mm</i>		
STICKS PER PACK	30	30	24		

<i>CODE</i>	<i>COLOUR</i>	<i>18mm</i>	<i>20mm</i>	<i>25mm</i>		
<i>G6500</i>	EGL SNOWWHITE	Yes	Yes	Yes		
<i>G4500</i>	EGL COOLWHITE	Yes	Yes	Yes		
<i>G3500</i>	EGL WHITE	Yes	Yes	Yes		
<i>G3000</i>	EGL WARMWHITE	Yes	Yes	Yes		
<i>GGE10</i>	EGL E10 GREEN	Yes	Yes	Yes		
<i>GBE40</i>	EGL E40 BLUE	Yes	Yes	Yes		
<i>GBHOR</i>	EGL HORIZON BLUE	Yes	Yes	Yes		

EGL CL DESIGNER COLOURS 1.2m

CODE	COLOUR	<i>Diameter</i>				
		8mm	10mm	12mm	15mm	18mm
GCL28	EGL CL28 DESIGNER WHITE	n/a	Yes	Yes	Yes	Yes
GCL30	EGL CL30 DESIGNER WHITE	n/a	Yes	Yes	Yes	Yes
GCL35	EGL CL35 DESIGNER WHITE	n/a	Yes	Yes	Yes	Yes
GCL41	EGL CL41 DESIGNER WHITE	n/a	Yes	Yes	Yes	Yes
GCL65	EGL CL65 DESIGNER WHITE	n/a	Yes	Yes	Yes	Yes
GCL24	EGL CL24 DESIGNER WHITE	n/a	Yes	Yes	Yes	Yes
GCL45	EGL CL45 DEISGNER WHITE	n/a	Yes	Yes	Yes	Yes
GCL71	EGL CL71 DESIGNER WHITE	n/a	Yes	Yes	Yes	Yes
GCL83	EGL CL83 DESIGNER WHITE	n/a	Yes	Yes	Yes	Yes
GBHOR	EGL HORIZON BLUE	Yes	Yes	Yes	Yes	Yes
GSEA	EGL SEACREST	n/a	Yes	Yes	Yes	n/a
GFLAM	EGL FLAMINGO	n/a	Yes	Yes	Yes	n/a
GCP	EGL CORAL PINK	Yes	Yes	Yes	Yes	n/a
GTROG	EGL TROPIC GREEN	n/a	Yes	Yes	Yes	n/a
GVIOL	EGL VIOLET	n/a	Yes	Yes	Yes	n/a

EGL CLEAR AND COATED ACCUWALL GLASS 1.5m

ALL ACCUWALL GLASS IS NOW SUPPLIED IN 1.5M LENGTHS.

(SOME COLOURS MAY STILL BE AVAILABLE IN 1.2M LENGTHS IF REQUIRED)

ACCUWALL COLOURED GLASS TUBING IS PACKED IN 10lb PACKS.

	<i>Diameter</i>		
	10mm	12mm	15mm
STICKS PER PACK - 1.5M LENGTH	32	27	20

PRICE PER STICK

CODE	COLOUR	<i>Diameter</i>		
		10mm	12mm	15mm
GE50-A60	EGL E50 NOVIOL YELLOW - COATED	Yes	Yes	Yes
GS81-A60	EGL S82 NOVIOL YELLOW - COATED	Yes	Yes	Yes
GP73-A60	EGL P73 NOVIOL YELLOW - COATED	Yes	Yes	Yes
GYGC-A60	EGL APPLE COATED YELLOW	Yes	Yes	Yes
GRUB-A60	EGL CLEAR RUBY RED	Yes	Yes	Yes
GRUC-A60	EGL COATED RUBY RED	Yes	Yes	Yes
GTAN-A60	EGL COATED TANGERINE	Yes	Yes	Yes
GEMG-A60	EGL COATED EMERALD GREEN	Yes	Yes	Yes
GAQU-A60	EGL COATED AQUAMARINE	Yes	Yes	Yes
GBRC-A60	EGL COATED BROMO BLUE	Yes	Yes	Yes
GBPC-A60	EGL COATED BROMO PURPLE	Yes	Yes	Yes
GORA-A60	EGL COATED ORANGE	Yes	Yes	Yes

Distributors of MASONLITE Glass**Masonlite Coated Lead Glass**

Code	Diameter Length Carton Qty	8mm	9mm	9mm	12mm	12mm	15mm	15mm
		1.2M	1.2M	1.5M	1.2M	1.5M	1.2M	1.5M
		55	55	55	55	55	55	55
HP39--	HP39 DAY LIGHT 4500°K	Yes	Yes	n/a	Yes	n/a	Yes	Yes
HP20--	HP20 S/WHITE 6500°K	Yes	Yes	Yes	Yes	Yes	Yes	Yes
HP53--	HP53 WHITE 3500°K	Yes	Yes	n/a	Yes	n/a	Yes	Yes
HP74--	HP74 WHITE 3000°K	Yes	Yes	n/a	Yes	n/a	Yes	n/a
L26--	L26SOFT/L TRIPHOS.	Yes	Yes	n/a	Yes	Yes	Yes	Yes
T10--	T10 LIGHT BLUE	Yes	Yes	n/a	Yes	n/a	Yes	n/a
VT--	VT4 MAGENTA	Yes	Yes	n/a	Yes	Yes	Yes	n/a
L21--	L21 LAVENDER/LILAC	Yes	Yes	n/a	Yes	Yes	Yes	n/a
P81--	P81 PEACH	Yes	Yes	n/a	Yes	Yes	Yes	n/a
C400--	C400 PALE PINK	Yes	Yes	n/a	Yes	Yes	Yes	n/a
W7--	W7 ST.GREEN	Yes	Yes	n/a	Yes	Yes	Yes	Yes
T14--	T14 BLUE	Yes	Yes	n/a	Yes	Yes	Yes	n/a
WT136--	WT136 TURQUOISE	Yes	Yes	n/a	Yes	Yes	Yes	n/a
P126--	P126 SHOCKING PINK	Yes	Yes	n/a	Yes	Yes	Yes	Yes
G2--	G2 ROSE PINK	Yes	Yes	n/a	Yes	Yes	Yes	n/a
P91--	P91 ORCHID	Yes	Yes	n/a	Yes	Yes	Yes	n/a
WT140--	WT140 AQUAMARINE	Yes	Yes	n/a	Yes	Yes	Yes	n/a
WT10--	WT10 EMERALD GREEN	Yes	Yes	n/a	Yes	Yes	Yes	n/a
1505--	1505 ARGON PINK	Yes	Yes	n/a	Yes	Yes	Yes	n/a
246--	246 BRILLIANT BLUE	Yes	Yes	n/a	Yes	Yes	Yes	n/a

Neolite Coated Lead Glass

Code	Diameter Length Carton Qty	8mm	9mm	9mm	12mm	12mm	15mm	15mm
		1.2M	1.2M	1.5M	1.2M	1.5M	1.2M	1.5M
		55	55	55	55	55	55	55
EHP20	EHP20 WHITE 6500K	n/a	n/a	n/a	n/a	Yes	n/a	Yes
EW7 --	EW7 ST GREEN	n/a	n/a	n/a	n/a	Yes	n/a	Yes
E246	E246 BRILLIANT BLUE	n/a	n/a	n/a	n/a	Yes	n/a	Yes

Coated Lead Glass

Code	Diameter Length Carton Qty	18mm	20mm	25mm
		2.5m	2.5m	2.5m
		25	25	25
HP39--	HP39 DAY LIGHT 4500°K	Yes	Yes	Yes
HP20--	HP20 S/WHITE 6500°K	Yes	Yes	Yes
HP53--	HP53 WHITE 3500°K	Yes	Yes	Yes
HP74--	HP74 WARM WHITE 3000K	Yes	Yes	n/a
W7--	W7 ST.GREEN	Yes	Yes	n/a
T14--	T14 BLUE	Yes	Yes	n/a
WT136--	WT136 TURQUOISE	Yes	n/a	n/a
246--	246 BRILLIANT BLUE	Yes	n/a	n/a

MASONLITE Glass**Clear Glass Tubing**

Diameter	6mm	8mm	9mm	12mm	15mm	18mm	20mm	25mm
Code	6C	8C	9C	12C	15C	18C	20C	25C
length	1.5m	1.5m	1.5m	1.5m	1.5m	2.5m	2.5m	2.5m
pack						58L	41L	26L
kilogram	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
length	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes

6mm = approx 375 tubes per 50kg

8mm = approx 200 tubes per 20Kg

Coloured Glass Tubing

Code	Diameter Length Carton Qty.	8mm	10mm	12mm	15mm
		1.5m	1.5m	1.5m	1.5m
		25	25	25	25
YHP74--	YHP74 BUTTERCUP YELLOW	Yes	Yes	Yes	Yes
YHP53--	YHP53 BRILLIANT YELLOW	Yes	Yes	Yes	Yes
YC400--	YC400 GOLDEN YELLOW	Yes	Yes	Yes	Yes
YG2--	YG2 BRILLIANT ORANGE	Yes	Yes	Yes	Yes
YW7--	YW7 LIME GREEN	n/a	Yes	Yes	Yes
B1505--	B1505 PURPLE	n/a	Yes	Yes	Yes
R12--	CLEAR RUBY	n/a	Yes	Yes	Yes
G12--	CLEAR GREEN	n/a	Yes	Yes	Yes
BT14--	BT14 DEEP BLUE	n/a	Yes	Yes	Yes
B246--	B246 MIDNIGHT BLUE	n/a	Yes	Yes	Yes
GG2--	GG2 DEEP ORANGE	n/a	Yes	Yes	Yes
RC400--	RC400 ARGON RED	n/a	Yes	Yes	Yes
R1301--	R1301 BRILLIANT RUBY	n/a	Yes	Yes	Yes

Double Coated Glass (Straight Sections only)

Code	Diameter Length Carton Qty	15mm	15mm
		1.2m	1.5M
		55	
NEOB--	NEO BLUE	n/a	Yes
NEOR--	NEO RED	Yes	n/a
	BRITE YELLOW	Yes	n/a
	NEW GOLD	Yes	n/a
	OLD GOLD	Yes	n/a
	V GREEN	Yes	n/a

GLOSTERTUBE**GLOSTERTUBE - COATED GLASS**

Code	Diameter Length Carton Quantity	8mm 1.5M	10mm 1.5M 125	12mm 1.5M 100	15mm 1.5M 60	18mm 3.00M 50	20mm 2.5M 40
101	WHITE - 6500K	Yes	Yes	Yes	Yes	n/a	n/a
102	WHITE - 4500K	n/a	Yes	Yes	Yes	n/a	n/a
103	WHITE - 3500K	n/a	Yes	Yes	Yes	Yes	Yes
104	WARM TONE - 2800K	n/a	Yes	Yes	Yes	Yes	Yes
113	TRIPHOS- 3000K	n/a	Yes	Yes	Yes	n/a	n/a
114	TRIPHOS- 4000K	n/a	Yes	Yes	Yes	n/a	n/a
116	TRIPHOS- 6000K	n/a	n/a	Yes	Yes	n/a	n/a
202	STANDARD BLUE	n/a	Yes	Yes	Yes	n/a	n/a
203	SUPER BLUE	Yes	Yes	Yes	Yes	n/a	n/a
208	TURQUOISE	n/a	Yes	Yes	Yes	n/a	n/a
301	STANDARD GREEN	n/a	Yes	Yes	Yes	n/a	n/a
302	APPLE GREEN	Yes	Yes	Yes	Yes	n/a	n/a
402	CORAL ROSE	Yes	Yes	Yes	Yes	n/a	n/a
403	CYCLAMEN MAGNETA	n/a	Yes	Yes	Yes	n/a	n/a
501	DEEP YELLOW	n/a	Yes	Yes	Yes	n/a	n/a

GLOSTERTUBE COLOURED GLASS

Code	Diameter Length Carton Qty	8mm 1.5M	10mm 1.5M	12mm 1.5M	15mm 1.5M
204	COBALT BLUE	Yes	Yes	Yes	Yes
205	AQUAMARINE	n/a	Yes	Yes	Yes
303	LIGHT GREEN	n/a	n/a	Yes	Yes
304	EMERALD	n/a	Yes	Yes	Yes
503	YELLOW LEMON	Yes	Yes	Yes	Yes
504	YELLOW NOVAL	Yes	Yes	Yes	Yes
207	PURPLE	n/a	Yes	Yes	Yes
407	ORANGE	Yes	Yes	Yes	Yes
408	RUBY RED	Yes	Yes	Yes	Yes
CR	CLEAR RUBY	n/a	Yes	Yes	Yes

COMPARISON COLOUR CHART

CLOSTERTUBE			TECNOLUX		
CLEAR GLASS - COATED					
*	101	WHITE - 6500K	1	WHITE - 6500K	
	165	UNIVERSAL WHITE 6500K	1S	WHITE - 6500K SPECTRA	
*	102	WHITE - 4500K	2	WHITE 4500K	
*	103	WHITE - 3500K	3	WHITE 3500k	
*	104	WHITE - 2800K - WARMTONE	44	WHITE - WARM	
	105	WHITE - 3200K - SOFT			
	106	WHITE - 4000K			
	107	WHITE - 4400K	124	WHITE 4400K	
	108	WHITE - 5000K	5	WHITE SPECIAL 5000K	
	109	WHITE - 5600K	107	WHITE - 5600K	
	110	WHITE - 6800K			
	111	WHITE - 7500K			
	112	WHITE - 9000K			
*	113	WHITE - 3000K TRIBAND			
*	114	WHITE - 4000K TRIBAND			
	115	CHAMPAGNE			
*	116	WHITE - 6000K TRIBAND			
	118	WHITE - 8000K TRIBAND			
	120	WHITE 6200K			
	127	WHITE 2700K TRIBAND			
	128	WHITE 2800K TRIBAND	4	WARMTONE	
	129	WHITE 5300K TRIBAND			
	130	WHITE 6500K SPECIAL			
	131	WHITE 7500K SPECIAL			
	160	WHITE 6400K	126	BLANC	
	170	WHITE	175	BLANC	
	180	WHITE	108	BLANC	
	201	LIGHT BLUE	60	BLUE - PALE	
*	202	BLUE	8	BLUE	
*	203	SUPER BLUE	12	SUPER BLUE	
	206	VIOLET			
*	208	TURQUOISE	9	TURQUOISE	
	209	ULTRABLUE	122	ULTRA BLUE	
	210	SPECIAL BLUE			
	211	SKY BLUE	24	SKY BLUE	
*	301	GREEN	10	GREEN	
*	302	APPLE GREEN	39	TRAFFIC LIGHT GREEN	
	310	VERF	110	VERT	
	311	VERF LIME	577	APPLE GREEN	
	401	PINK	11	PINK	
*	402	PURPLE	13	CORAL ROSE	
*	403	CYCLAMEN	14	MAGENTA	
	404N	NEW ORCHID	51	MAUVE	
	405	SAMON			
	406	ORANGE			
	409	APRICOT			
	410	SUPER RED			
*	501	DEEP YELLOW	23	PINEAPPLE	
	505	INCANDESCENT	31	INCANDESCENT	
	507	SUPER YELLOW			

COLOURED GLASS					
*	204	BLUE	16	COBALT BLUE	
*	205	AQUAMARINE	38	AQUAMARINE	
*	207	PURPLE	22	PURPLE	
	303	GREEN	20	LITE GREEN	
*	304	EMERALD	35	EMERALD	
	305	EMERALD SPECIAL			
	306	YELLOW GREEN			
*	407	ORANGE	26	CITRUS ORANGE	
*	408	RUBY RED	18	RUBY RED	
	418	RUBY PINK	118	RUBY RED NEON	
	502	YELLOW GOLD	117	GOLD	
*	503	YELLOW LEMON	32	LEMON YELLOW	
*	504	YELLOW NOVIAL	17	NOVIAL GOLD	

* DENOTES - COLOURS CURRENTLY AVAILABLE

Neolite Electrodes

CODE	Type	Current [mA]	
10/20C	10/20	15-25	
10/20CT	10/20T	"	
10/25C	10/25C	"	
13/25CT	13/25CT	"	
13/30C	13/30C	"	
13/30CT	13/30CT	"	
15/30C	15/30C	50-90	
15/30CT	15/30CT	50-90	
15/50C	15/50C	"	
15/50CT	15/50CT	"	
15/50C266	15/50C cap 266	"	
18/60C	18/60C	"	
18/60CT	18/60CT	"	
18/60C 288	18/60C cap 288	"	
18/60C337C	18/60C screw cap 337	"	
18/60C347	18/60C s cap 347 tube.	"	
18/120C	18/120C	100-180	
18/120CT	18/120CT	"	
18/120C288	18/120C cap 288	"	
18/90288	18/90 cap 288	80-100	

EGL Electrodes

CODE	Length (inches)	Current (ma)	Dmtr (mm)	NOTES
E10S	2	20-30ma	10	S
ET10S	2	20-30ma	10	TS
E12L	2.5	30ma	12	L
ET12L	2.5	30ma	13	TL
E13CL	2.5	30-40ma	13	CL
ET13CL	2.5	30-40ma	13	TCL
E13S	2	30ma	13	S
ET13S	2	30ma	13	TS
E12CM	2	30ma	12	CM
ET12CM	2	30ma	12	TCM
E15CL	2.88	80ma	15	CL
ET15CL	2.88	80ma	15	TCL
E15CM	2.38	30-45ma	15	CM
ET15CM	2.38	30-45ma	15	TCM
E15CS	2	30ma	15	CS
ET15CS	2	30ma	15	TCS
E19CM	2.88	120-180ma	19	CM
ET19CM	2.88	120-180ma	19	TCM
E19CL	3_1/8	200ma	19	CL
ET19CL	3_1/8	200ma	19	TCL

S = SHORT**T = TUBULATED****M = MEDIUM****C = CERAMIC COLLAR****L = LONG**