

# File Information

Filename: 25-10378-C  
 Created By: Michael Williams  
 Modified By: Carwyn Frost  
 Date Created: -  
 Date Modified: 07/08/12

# Document Information

No. Of Pages: 1  
 Print Colours: Black  
 Material Spec: Stock White 80gsm  
 Binding: None  
 Hole Punching: None  
 Folding Instructions: Standard  
 Dimensions: A4 (297x210mm)  
 Sheets: 1 Sheet: Single Sided

# Change History

Rev:	C
Change:	ECN 2031
Date:	07/08/12
User:	C.Frost
Comments:	Current Figures 3mA more. Add Non Fire Info

Rev:	-
Change:	-
Date:	-
User:	-
Comments:	-

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## ROSHNI LP SOLISTA (ROLPSB) ROSHNI LP SOLISTA (ROLPSB/SV)

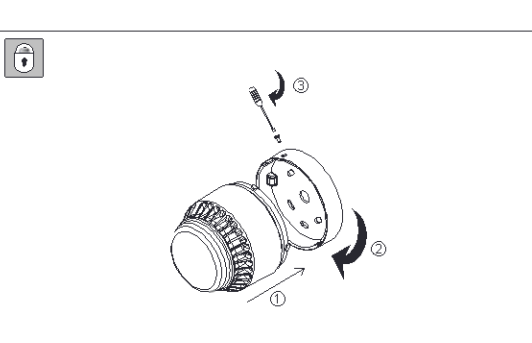
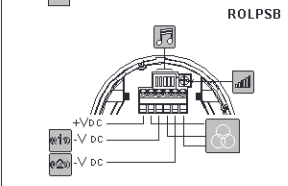
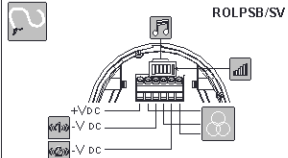
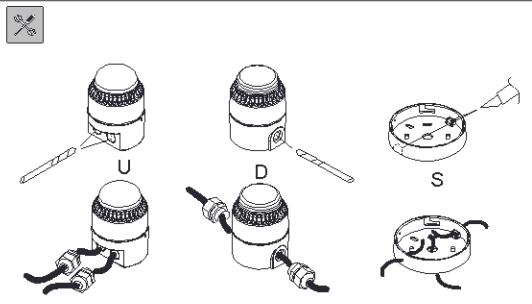
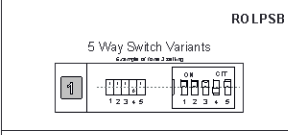
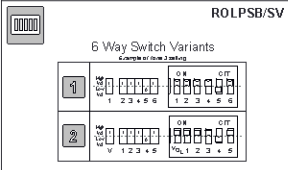
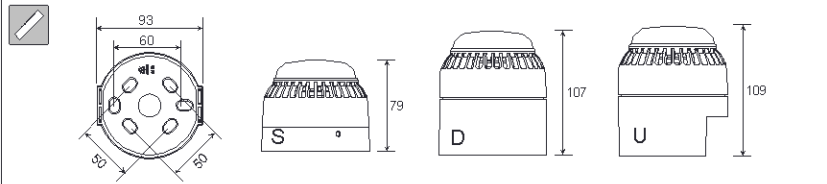


CE  
 ROLPSB : 0832-CPD-0132  
 ROLPSB/SV : 0832-CPD-1652

EN54-3 Fire Alarm Device - Sounder  
 Dispositif d'alarme incendie EN54-3 - Avertisseur d'incendie  
 EN54-3 Feueralarmgerät - Töner  
 Dispositivo de alarma antincendio a norma EN54-3 - Sirena  
 EN54-3 Brandalarm - sounder  
 Dispositivo de alarma de incendios EN54-3 - Timbre de alarma  
 EN54-3 Brandvarnare - Signalhorn  
 EN54-3 Urządzenie sygnalizacyjne SAP - Sygnalizator

EN54-3	
ROLPSB & ROLPSB/SV	
10-28VDC 9-15VDC	0-28VDC
30mA max	
0.28mm <sup>2</sup> - 2.5mm <sup>2</sup>	
-10% ~ +5%	
ABS V0	
Type A = (P21°C)	
6	32

\*Product exceeds minimum requirements of EN54-3  
 See www.cooperfulleon.com  
 Le produit dépasse les exigences minimum de EN54-3  
 Voir www.cooperfulleon.com  
 Das Erzeugnis erfüllt die Mindestanforderungen von EN54-3.  
 Siehe www.cooperfulleon.com  
 Il prodotto supera i requisiti minimi previsti dalla norma EN54-3  
 Vedi www.cooperfulleon.com  
 Product overtreft de minimale vereisten van EN54-3.  
 Zie www.cooperfulleon.com  
 El producto excede los requisitos mínimos de la norma EN54-3  
 Véase www.cooperfulleon.com  
 Produktet overtrifkrav minsta enligt EN54-3  
 Se www.cooperfulleon.com  
 Parametry techniczne produktu przekraczają minimalne  
 wymagania normy PN EN54-3, szczegółowo www.cooperfulleon.com



Pattern	Frequency Hz	Rate	Depiction	Main Application	Roshni LP (ROLPSB)								
					*12Vdc on axis @1m	EN54-3 15Vdc see notes	*24Vdc on axis @1m	EN54-3 20Vdc see notes	mA	dB(A)	dB(A)	dB(A)	
1	14	11111	Alternating 800 & 970	2Hz (250ms/250ms)	BS Fire	9	95	*	16	101	*		
2	14	11110	Sweep 800 to 970	7Hz (7/s)	BS Fire	11	94	*	15	100	*		
3	14	11101	Sweep 800 to 970	1Hz (1/s)	BS Fire	9	95	*	15	102	*	95	
4	14	11100	Continuous 2850	3Steady	General Purpose	19	99	*	35	105	*		
5	4	11011	Sweep 2400 to 2850	7Hz	General Purpose	19	103	*	35	109	*		
6	4	11010	Sweep 2400 to 2850	1Hz	General Purpose	19	105	*	35	112	*		
7	14	11001	Slow whoop 500 to 1200	3s sweep, 0.5 s silence, then repeat	Dutch fire (NEN 2575)	9	97	93	15	103	97		
8	14	11000	Sweep (DIN) 1200 to 500	1Hz	German fire (DIN 33 404)	10	96	93	18	103	94		
9	4	10111	Alternating 2400 & 2850	2Hz (250ms/250ms)	General Purpose	18	99	*	34	105	*		
10	14	10110	Intermittent 970	0.5Hz (1s On/1s Off)	PF EER alert	8	95	*	11	101	*		
11	14	10101	Alternating 800 & 970	1Hz (500ms/500ms)	BS Fire	9	95	*	15	101	*		
12	4	10100	Intermittent 2850	0.5Hz (1s On/1s Off)	General Purpose	12	99	*	20	105	*		
13	14	10011	Intermittent 970	0.8Hz (250ms On/1s Off)	General Purpose	6	94	*	8	101	*		
14	14	10010	Continuous 970	Steady	PF EER toxic gas	10	95	93	17	101	95		
15	14	10001	Alternating 554 & 440	100ms/400ms	French fire (NFS 32-001)	11	96	*	20	102	*		
16	16	10000	Intermittent 660	3.3Hz (150ms On/150ms Off)	Swedish (Air Raid)	7	94	*	9	100	*		
17	17	01111	Intermittent 660	0.28Hz (1.3s On/1.8s Off)	Swedish (Local warning)	7	95	*	10	101	*		
18	18	01110	Intermittent 660	0.05Hz (1.3s Off / 6.5Hz On)	Swedish (Pre-mess)	6	95	*	9	101	*		
19	19	01101	Continuous 660	Steady	Swedish (All clear)	8	95	*	13	101	*		
20	20	01100	Alternating 554 & 440	0.5Hz (1s On/1s Off)	Swedish (Tum out)	10	96	*	19	102	*		
21	21	01011	Intermittent 660	1Hz (500ms/500ms)	Swedish general purpose	7	94	*	9	101	*		
22	14	01010	Intermittent 2850	4Hz (150ms On/100ms Off)	Pelican crossing	15	98	*	30	104	*		
23	14	01001	Sweep 800 to 970	50Hz	BS Fire	9	93	*	15	100	*		
24	4	01000	Sweep 2400 to 2850	50Hz	General Purpose	18	102	*	35	108	*		
25	25	00111	Intermittent 970	3x 500ms pulses, 1.5s silence, then repeat	ISO 8201	7	95	*	10	101	*		
26	26	00110	Intermittent (*) 800 to 970	3x 500ms pulsed sweep, 1.5s silence, then repeat	ISO 8201	7	95	*	9	102	*		
27	27	00101	Intermittent (*) 970 & 800	3x 500ms pulsed sweep, 1.5s silence, then repeat	ISO 8201	6	94	*	9	101	*		
28	10	00100	Alternating 800 & 970	2Hz (250ms/250ms)	BS Fire	9	95	*	15	101	*		
29	99	999Hz	Alternating 990 & 990	2Hz (250ms/250ms) (Symphonic tones)	BS Fire	13	99	93	23	105	96		
30	510	00010	Alternating 510 & 610	2Hz (250ms/250ms) (Squashini Micro tones)	BS Fire	11	94	91	19	100	92		
31	14	00001	Sweep 300 to 1200	1Hz	General Purpose	13	98	*	17	103	*		
32	510	00000	Alternating 510 & 610	1Hz (500ms/500ms)	BS Fire	11	95	*	19	100	*		

(1) Tones certified under the CPD (Fire Alarm Application) are shown in the column marked EN54-3  
 (2) All other SPL measurements are taken 'on axis' & are not third party verified.  
 (3) Detailed EN54-3 polar SPL measurements are available in M06-024  
 (4) A SPL of at least 05dB(A) is achieved in at least one direction at minimum volume/voltage.  
 (5) Les tons certifiés dans le cadre de la DPC (Application alarme incendie) sont indiqués dans la colonne intitulée EN54-3  
 (6) Toutes les autres mesures NPA sont relevées « sur axe » et ne sont pas vérifiées par un tiers.  
 (7) Les mesures NPA polaires détaillées EN54-3 sont disponibles dans M06-024  
 (8) Die nach CPD (Feueralarme Anwendung) zertifizierten Töne sind in Spalte EN54-3.  
 (9) Alle anderen Schalldruck mess ungen wurden vom akustischen Mittelpunkt ab gelesen und von keiner unabhängigen Stelle verifiziert.  
 (10) Detaillierte Polar-SPL-Messungen gemäß EN54-3 sind erhältlich in M06-024  
 (11) I toni della sirena certificati CPD (applicazione allarme antincendio) sono indicate nella colonna contrassegnata con EN54-3.  
 (12) Tutte le altre misurazioni SPL sono state rilevate "sul'asse" e non sono state verificate da terzi.  
 (13) Le misurazioni SPL polari ai sensi della norma EN54-3 sono disponibili in M06-024  
 (14) Uvinda tonen dele onder CPD (brandalarmtoepassing) zijn gecertificeerd, in de kolomwaer EN54-3 staat vermeld.  
 (15) Alle andere SPL-metingen zijn via de 'as' gedaan en niet door derde geverificeerd  
 (16) Uitgebreide polaire SPL-metingen voor EN54-3 zijn beschikbaar in M06-024  
 (17) Los sonidos certificados por el CPD (aplicación para alarmas de incendios) se muestran en la columna marcada con EN54-3.  
 (18) Cualquier otra medida del SPL (nivel de intensidad acústica) se toma "sobre el eje" y no está verificada por terceros partes.  
 (19) Las medidas detalladas del SPL polar EN54-3 están disponibles en M06-024  
 (20) Signalen som är certifierade för CPD (brandvarnare) visas i kolumnen märkt EN54-3.  
 (21) Alla övriga mätningar av ljudtryck har genomförts "för axel" och är inte bekräftade av tredje part.  
 (22) Detaljerade polära mätningar av ljudtrycket enligt EN54-3 finns under M06-024  
 (23) Sygnaly tonowe zgodne z certyfikatem CPD dla systemów sygnalizacji pożarów wskazane są w kolumnie EN54-3.  
 (24) Wszystkie pomiary SPL są wykonywane w osi sygnalizatora i nie były poddane weryfikacji przez inną stronę.  
 (25) Szczegółowe pomiary kątowych SPL wg EN54-3 dostępne są w M06-024.  
 CE marking under the CPD was affixed on: (see batch code on product)  
 CE-märkning under the CPD är tillagd på: (se batch kod på produkt)  
 CE-Kennzeichnung unter dem CPD angebracht am: (siehe Chargencode am Erzeugnis)  
 La marcatura CE ai sensi della direttiva CPD è stata apposta su: (vedi codice sul prodotto)  
 CE-markering under CPD is toegevoegd aan: (zie batchcode op het product)  
 Osazakowanie CE i CPD zostało naniesione na produkt.  
 Fullleon Ltd, Cwmbran, South Wales, U.K.  
 www.cooperfulleon.com

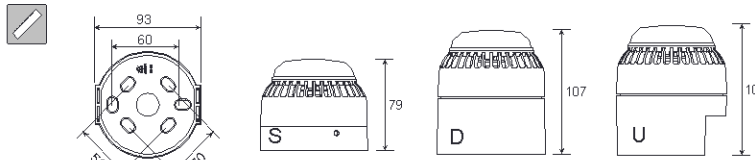


**ROSHNI LP SOLISTA (ROLPSB)**  
**ROSHNI LP SOLISTA (ROLPSB/SV)**



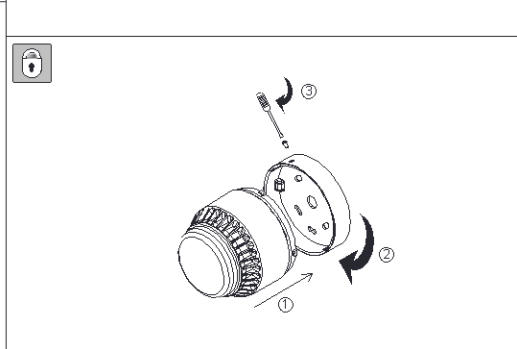
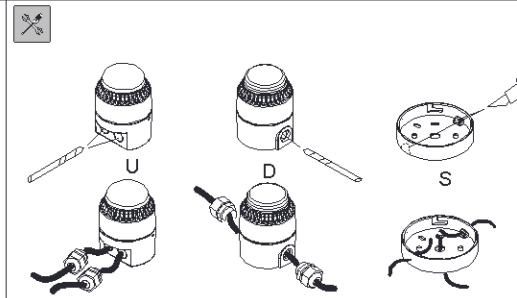
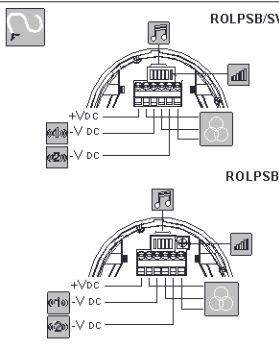
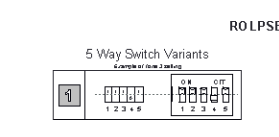
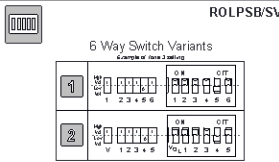
ROLPSB : 0832-CPD-0132  
 ROLPSB/SV : 0832-CPD-1652

EN54-3 Fire Alarm Device - Sounder  
 Dispositif d'alarme incendie EN54-3 – Avertisseur d'incendie  
 EN54-3 Feueralarmgerät – Töner  
 Dispositivo di allarme antincendio a norma EN54-3 - Sirena  
 EN54-3 Brandalarm – sounder  
 Dispositivo de alarma de incendios EN54-3 – Timbre de alarma  
 EN54-3 Brandalarm – Signalizator  
 EN54-3 Urządzenie systemów SAP - Sygnalizator



EN54-3	
ROLPSB & ROLPSB/SV	
18 ~ 28 VDC 9 ~ 15 VDC	9 ~ 28Vdc
35mA max	
0.28mm <sup>2</sup> - 2.5mm <sup>2</sup>	
-10% ~ +55°C	
ABS VO	
Type A = (F21C)	
6	32

\*Product exceeds minimum requirements of EN54-3  
 See www.cooperfullen.com  
 Le produit dépasse les exigences minimum de EN54-3  
 Voir www.cooperfullen.com  
 Das Erzeugnis erfüllt die Mindestanforderungen von EN54-3.  
 Siehe www.cooperfullen.com  
 Il prodotto supera i requisiti minimi previsti dalla norma EN54-3  
 Vedi www.cooperfullen.com  
 Product overtreft de minimale vereisten van EN54-3.  
 Zie www.cooperfullen.com  
 El producto excede los requisitos mínimos de la norma EN54-3  
 Véase www.cooperfullen.com  
 Produkten överträffar minsta krav enligt EN54-3  
 Se www.cooperfullen.com  
 Parametry techniczne produktu przekraczają minimalne  
 wymagania normy PN EN54-3, szczegóły www.cooperfullen.com



Pattern	Frequency Hz	Rate	Depiction	Main Application	Roshni LP (ROLPSB)							
					12Vdc on axis @1M	EN54-3 15Vdc see notes	12Vdc on axis @1M	EN54-3 28Vdc see notes	dBA	dBA		
1	14	11111	Alternating	800 & 970	2Hz (250ms/200ms)	BS Fire	9	95	*	16	101	*
2	14	11110	Sweep	800 to 970	7Hz (7/9)	BS Fire	11	94	*	15	100	*
3	14	11101	Sweep	800 to 970	1Hz (1/9)	BS Fire	9	95	92	15	102	95
4	14	11100	Continuous	2850	Steady	General Purpose	19	99	*	35	105	*
5	4	11011	Sweep	2400 to 2850	7Hz	General Purpose	19	103	*	35	109	*
6	4	11010	Sweep	2400 to 2850	1Hz	General Purpose	19	105	*	35	112	*
7	14	11001	Slow whoop	500 to 1200	3s sweep, 0.5 s silence, then repeat	Dutch fire (NEN 2575)	9	97	93	15	103	97
8	14	11000	Sweep (DIN)	1200 to 500	1Hz	German fire (DIN 33 404)	10	96	93	18	103	94
9	4	10111	Alternating	2400 & 2850	2Hz (250ms/200ms)	General Purpose	18	99	*	34	105	*
10	14	10110	Intermittent	970	0.9Hz (1s On/1s Off)	PF/EF/air alert	8	95	*	11	101	*
11	14	10101	Intermittent	800 & 970	1Hz (500ms/500ms)	BS Fire	9	95	*	15	101	*
12	4	10100	Intermittent	2850	0.9Hz (1s On/1s Off)	General Purpose	12	99	*	20	105	*
13	14	10011	Intermittent	970	0.8Hz (250ms On/1s Off)	General Purpose	6	94	*	8	101	*
14	14	10010	Continuous	970	Steady	PF/EF/toxic gas	10	95	93	17	101	95
15	14	10001	Alternating	554 & 440	100ms/400ms	French fire (NFS 32-001)	11	96	*	20	102	*
16	16	10000	Intermittent	660	3.3Hz (150ms On/150ms Off)	Swedish (Air Raid)	7	94	*	9	100	*
17	17	01111	Intermittent	660	0.28Hz (1.8s On/1.8s Off)	Swedish (Local warning)	7	95	*	10	101	*
18	18	01110	Intermittent	660	0.05Hz (1.3s Off / 6.5Hz On)	Swedish (Fire-ness)	6	95	*	9	101	*
19	19	01101	Continuous	660	Steady	Swedish (All clear)	8	95	*	13	101	*
20	20	01100	Alternating	554 & 440	0.9Hz (1s On/1s Off)	Swedish (Turn out)	10	96	*	19	102	*
21	21	01011	Intermittent	660	1Hz (500ms/500ms)	Swedish general purpose	7	94	*	9	101	*
22	14	01010	Intermittent	2850	4Hz (150ms On/100ms Off)	Pelican crossing	15	98	*	30	104	*
23	14	01001	Sweep	800 to 970	50Hz	BS Fire	9	93	*	15	100	*
24	4	01000	Sweep	2400 to 2850	50Hz	General Purpose	18	102	*	35	108	*
25	25	00111	Intermittent	970	3 x 500ms pulses, 1.5s silence, then repeat	ISO 8201	7	95	*	10	101	*
26	26	00110	Intermittent (P)	800 to 970	3 x 500ms pulses sweep, 1.5s silence, then repeat	ISO 8201	7	95	*	9	102	*
27	27	00101	Intermittent (P)	970 & 800	3 x 500ms pulses sweep, 1.5s silence, then repeat	ISO 8201	6	94	*	9	101	*
28	10	00100	Alternating	800 & 970	2Hz (250ms/250ms)	BS Fire	9	95	*	15	101	*
29	988Hz	00011	Alternating	990 & 650	2Hz (250ms/250ms) (Symphony tones)	BS Fire	13	99	93	23	105	96
30	510Hz	00010	Alternating	510 & 610	2Hz (250ms/250ms) (Squashni Micro tones)	BS Fire	11	94	91	19	100	92
31	14	00001	Sweep	300 to 1200	1Hz	General Purpose	13	98	*	17	103	*
32	510Hz	00000	Alternating	510 & 610	1Hz (500ms/500ms)	BS Fire	11	95	*	19	100	*

(i) Tones certified under the CPD (Fire Alarm Applications) are shown in the column marked EN54-3  
 (ii) All other SPL measurements are taken 'on axis' & are not third party verified.  
 (iii) Detailed EN54-3 polar SPL measurements are available in M96-024  
 (iv) A SPL of at least 155dB(A) is achieved in at least one direction at minimum volume/voltage.  
 (v) Les tons certifiés dans le cadre de la DPC (application alarme incendie) sont indiqués dans la colonne intitulée EN54-3.  
 (vi) Toutes les autres mesures NPA sont relevées « sur axe » et ne sont pas vérifiées par un tiers.  
 (vii) Les mesures NPA polaires détaillées EN54-3 sont disponibles dans M96-024.  
 (viii) Die nach CPD (Fuermeldeanwendung) zertifizierten Töne sind in Spalte EN54-3.  
 (ix) Alle anderen Schallflussmessungen wurden vom akustischen Mittelpunkt ab gelesen und von keiner unabhängigen Stelle verifiziert.  
 (x) Detaillierte Polar-SPL-Messungen gemäß EN54-3 sind erhältlich in M96-024  
 (xi) I toni della sirena certificati CPD (applicazione allarme antincendio) sono indicate nella colonna contrassegnata con EN54-3.  
 (xii) Tutte le altre misurazioni SPL su stato libero "sull'asse" e non sono state verificate da terzi.  
 (xiii) Le măsurători SPL polare ai sensii della norma EN54-3 sono disponibile în M96-024  
 (xiv) U vindt tonen die onder CPD (brandalarmtoepassing) zijn gecertificeerd, in de kolom waar EN54-3 staat vermeld.  
 (xv) Alle andere SPL afmetingen zijn via de 'as' gedaan en niet door derde geverifieerd  
 (xvi) Utgebrude polaire SPL afmetingen voor EN54-3 zijn beschikbaar in M96-024

(i) Los sonidos certificados por el CPD (aplicación para alarmas de incendios) se muestran en la columna marcada con EN54-3.  
 (ii) Cualquier otra medida del SPL (nivel de intensidad acústica) se toma "sobre el eje" y no está verificada por terceras partes.  
 (iii) Las medidas detalladas del SPL polar EN54-3 están disponibles en M96-024  
 (iv) Signaliser som är certifierade för CPD (brandvarnare) visas i kolumnen märkt EN54-3.  
 (v) Alla övriga mätningar av ljudtryck är genomförda "direkt inlin" och är inte bekräftade av tredje part.  
 (vi) Detaljerade polära mätningar av ljudtrycket enligt EN54-3 finns under M96-024  
 (vii) Signaly tonowe zgodne z certyfikatem CPD dla systemów sygnalizacji pożaru wskazane są w kolumnie EN54-3.  
 (viii) Wszystkie pomiary SPL są wykonane w osi sygnalizatora i nie były poddane weryfikacji przez inną stronę.  
 (ix) Szczegóło pomiarów kątowych SPL wg EN54-3 dostępne są w M96-024  
 CE marking under the CPD was affixed on: (see batch code on product)  
 La marque CE dans le cadre de la DPC a été apposée le: (voir code de lot sur le produit)  
 CE-Kennzeichnung unter dem CPD angebracht am: (siehe Chargencode am Erzeugnis)  
 La marcatura CE ai sensi della direttiva CPD è stata apposta su: (vedi codice sul prodotto)  
 CE-markering under CPD is toegevoegd d.d.: (zie batchcode op het product)  
 CE-märkning enligt CPD fästes på: (se sättkod på produkten)  
 Označovanie CE i CPD zrealizované na produkte.  
 Fullen Ltd, Cwmbran, South Wales, UK  
 www.cooperfullen.com