Table 1. CSP-I SE SN sample.

SN	SN RA (hh:mm:ss)	SN Dec (dd:mm:ss)	SN type	Galaxy	Galaxy RA (hh:mm:ss)	Galaxy Dec (dd:mm:ss)	A_V^{MW} (mag)	R_V^{host}	A_V^{host} (mag)	Redshift	Distance (Mpc)	$2a$ (′)	$2b$ (′)	t-type	PA (°)	d_{SN}
2004ex	00:38:10.19	+02:43:17.2	IIb	NGC 0182	00:38:12.38	+02:43:42.8	0.061	1.3	0.26(0.02)	0.017549	70.6 ± 4.9	2.0	1.7	1.3	75	0.72
2004ff	04:58:46.19	−21:34:12.0	IIb	ESO 552- G 040	04:58:47.06	–21:34:09.9	0.090	1.3	0.30(0.03)	0.022649	92.7 ± 6.4	1.2	0.7	2.0	50	0.44
2004gq[B14]	05:12:04.81	−15:40:54.2	Ib	NGC 1832	05:12:03.33	–15:41:16.1	0.200	2.4	0.26(0.07)	0.006468	25.1 ± 4.6*	2.6	1.7	4.0	10	0.48
2004gt[B14]	12:01:50.37	−18:52:12.7	Ic	NGC 4038	12:01:53.01	–18:52:03.4	0.127	2.5	1.07(0.15)	0.005477	23.2 ± 1.6	5.2	3.1	8.8	80	0.25
2004gv[B14]	02:13:37.42	−00:43:05.8	Ib	NGC 0856	02:13:38.36	–00:43:02.2	0.090	2.4	0.08(0.03)	0.019927	79.6 ± 5.5	1.24	0.96	0.3	20	0.49
2005aw	19:15:17.44	−54:08:24.9	Ic	IC 4837A	19:15:16.17	–54:07:57.0	0.168	1.4	0.65(0.06)	0.009498	41.5 ± 2.9	4.1	0.6	2.5	165	0.21
2005em	03:13:47.71	−00:14:37.0	Ic	IC 0307	03:13:45.21	–00:14:29.2	0.263	…	0	0.025981	105.0 ± 7.2	1.78	0.62	1.0	73	2.91
2006T[B14]	09:54:30.21	−25:42:29.3	IIb	NGC 3054	09:54:28.60	–25:42:12.4	0.205	1.3	0.42(0.05)	0.008091	31.6 ± 5.9*	3.8	2.3	3.0	118	0.25
2006ba[B14]	09:43:13.40	−09:36:53.0	IIb	NGC 2980	09:43:11.97	–09:36:44.6	0.144	1.3	0.32(0.08)	0.019080	82.7 ± 15.3*	1.6	0.9	4.7	160	0.73
2006bf[B14]	12:58:50.68	+09:39:30.1	IIb	UGC 08093	12:58:50.87	+09:39:14.3	0.069	1.3	0.47(0.04)	0.023867	108.0 ± 7.4	1.02	0.56	4.0	160	0.55
2006ep[B14]	00:41:24.88	+25:29:46.7	Ib	NGC 0214	00:41:28.03	+25:29:58.0	0.099	5.1	0.60(0.03)	0.015134	61.9 ± 11.5*	1.9	1.4	5.0	35	0.91
2006ir[B14]	23:04:35.68	+07:36:21.5	Ic	KUG 2302+073	23:04:35.42	+07:36:24.7	0.124	4.1	0.12(0.08)	0.020000	82.2 ± 5.7	0.7	0.3	…	8***	0.54
2006lc[B14]	22:44:24.48	−00:09:53.5	Ib	NGC 7364	22:44:24.37	–00:09:43.5	0.177	2.4	1.12(0.21)	0.016228	59.2 ± 12.3*	1.50	0.95	0.0	65	0.40
2007C[B14]	13:08:49.30	−06:47:01.0	Ib	NGC 4981	13:08:48.74	–06:46:39.1	0.116	2.4	1.33(0.09)	0.005604	21.0 ± 3.9*	2.8	2.0	4.1	30	0.36
2007Y	03:02:35.92	−22:53:50.1	Ib	NGC 1187	03:02:37.59	–22:52:01.8	0.059	…	0	0.004637	18.4 ± 3.1*	5.5	4.1	5.1	130	0.87
2007ag[B14]	10:01:35.99	+21:36:42.0	Ic	UGC 05392	10:01:35.77	+21:36:27.0	0.080	4.1	0.92(0.10)	0.020711	91.0 ± 6.3	1.23	0.12	6.0	11	0.41
2007hn	21:02:46.85	−04:05:25.2	Ic	NPM1G -04.0556	21:02:46.78	–04:05:22.5	0.220	4.1	0.55(0.11)	0.0273	113.3 ± 8.7**	0.507	0.263	…	50***	0.37
2007kj[B14]	00:01:19.58	+13:06:30.6	Ib	NGC 7803	00:01:19.97	+13:06:40.5	0.221	…	0	0.017899	72.5 ± 5.0	1.0	0.6	0.0	85	0.65
2007rz[B14]	04:31:10.84	+07:37:51.5	Ic	NGC 1590	04:31:10.22	+07:37:51.2	0.551	4.1	0.83(0.11)	0.012999	52.2 ± 3.6	0.9	0.7	5.3	110	0.36
2008aq[B14]	12:50:30.42	−10:52:01.4	IIb	MCG -02-33-020	12:50:29.41	–10:51:15.9	0.122	…	0	0.007972	26.9 ± 5.0*	3.2	1.5	8.5	175	0.55
2008gc	02:10:36.63	−53:45:59.5	Ib	APMUKS(BJ) B020852.09-5400	02:10:36.70	–53:45:59.0	0.082	4.1	0.43(0.15)+	0.0492	207.6 ± 6.2**	…	…	…	…	…
2009K[B14]	04:36:36.77	−00:08:35.6	IIb	NGC 1620	04:36:37.35	–00:08:37.0	0.157	1.3	0.19(0.17)	0.011715	44.1 ± 15.6*	2.9	1.0	4.3	25	0.36
2009Z	14:01:53.61	−01:20:30.2	IIb	2dFGRS N271Z016	14:01:53.80	–01:20:34.4	0.128	…	0	0.02513	108.1 ± 0.4	0.20	0.12	…	…	…
2009bb	10:31:33.87	−39:57:30.0	Ic-BL	NGC 3278	10:31:35.39	–39:57:16.7	0.270	3.4	1.17(0.12)	0.009877	39.8 ± 2.8	1.3	0.9	5.0	62	0.57
2009ca	21:26:22.20	−40:51:48.6	Ic-BL	APMUKS(BJ) B212312.33-4104	21:26:22.20	–40:51:48.6	0.095	4.1	0.20(0.22)+	0.0956	417.5 ± 11.7**	…	…	…	…	…
2009dt	22:10:09.27	−36:05:42.6	Ic	IC 5169	22:10:09.98	–36:05:19.0	0.045	4.1	1.79(0.12)	0.010374	44.4 ± 3.1	1.9	0.8	-1.2	22	0.44
2004ew	02:05:06.17	−55:06:31.6	Ib	ESO 153-G017	02:05:05.56	–55:06:42.7	0.084	…	0	0.021761	90.5 ± 16.7*	2.6	1.9	4.7	110	0.22
2004fe[B14]	00:30:11.27	+02:05:23.5	Ic	NGC 0132	00:30:10.71	+02:05:36.4	0.067	…	0	0.017895	72.1 ± 5.0	1.9	1.4	4.0	40	0.37
2005Q	01:30:03.51	−42:40:48.4	IIb	ESO 244- G 031	01:30:05.42	–42:41:10.7	0.071	…	0	0.022435	90.8 ± 21.2*	1.6	1.3	5.0	87	0.73
2005bf[B14]	10:23:57.27	−03:11:28.6	Ib-pec	MCG +00-27-005	10:23:56.49	–03:10:55.6	0.123	…	…	0.018913	84.5 ± 5.8	1.8	1.1	3.0	150	0.67
2005bj	16:49:44.74	+17:51:48.7	IIb	MCG +03-43-005	16:49:43.84	+17:51:52.3	0.238	1.3	0.51(0.03)	0.022179	99.8 ± 6.9	0.7	0.7	…	162	0.64
2006fo[B14]	02:32:38.89	+00:37:03.0	Ib	UGC 02019	02:32:39.29	+00:37:02.4	0.080	4.1	0.65(0.18)+	0.020698	82.7 ± 5.7	0.68	0.48	2.0	65	0.34
2008hh	01:26:03.65	+11:26:26.5	Ic	IC 0112	01:26:03.02	+11:26:34.7	0.137	…	0	0.019410	77.7 ± 5.4	0.8	0.4	8.0	120***	0.55
2009dp	20:26:52.69	−18:37:04.2	Ic	NGC 6912	20:26:52.08	–18:37:02.2	0.190	4.1	0.94(0.26)	0.023244	100.0 ± 6.9	1.4	1.1	5.0	55	0.25

Notes. Coordinates, Galactic extinctions (A_V^{MW}), redshifts, distances, major ($2a$) and minor ($2b$) axes of the galaxies are from NED, t-types and position angles (PA) are from the Asiago Supernova Catalogue (ASC). A single horizontal line separates the objects observed in both optical and NIR from those observed only in the optical. (*) Redshift independent measurement. (**) Distance computed via NED cosmological calculator. (***) PA from SIMBAD. (+) Extinction from EW(Na I D). (B14) For this SN photometric data were presented by Bianco et al. (2014).