Table 1. Spectral type of IRAS unidentified sources which have quality-3 flux density data at 12, 25, and 60 μm.

IRAS Name	l_{II}	b_{II}	Sp.Type	[12]	[25]	[60]	$([12]-[25])^1_{VH}$	$([25]-[60])^1_{VH}$	Var	LRS
05423+2905^{f}	179.8	0.1	M9	-0.61	-1.92	-2.38	-0.26	-1.42	99	29
05510+2747^{f,h}	182.0	1.0	M7	1.99	0.99	0.91	-0.56	-1.81	5	
06292+1433	197.8	2.4	M6	1.60	0.64	0.90	-0.60	-2.13	19	
06398-0709	218.3	-5.3	M8	1.65	0.66	0.62	-0.57	-1.84	71	
06453-0519	217.3	-3.3	M7	1.97	1.02	1.33	-0.61	-2.19	6	
06480-1033^{c}	222.3	-5.0	M9	1.75	0.99	0.63	-0.80	-1.52	99	
06521-1456	226.7	-6.1	M8	1.72	1.05	1.02	-0.89	-1.85	11	
06528-1405^{c,m}	226.0	-5.6	M7	1.11	0.28	-0.09	-0.73	-1.51	7	
06582-1512^{e,f}	227.6	-4.9	M10	0.32	-0.62	-0.39	-0.62	-2.11	99	29
06583-0655	220.2	-1.1	M9	1.40	0.52	0.71	-0.68	-2.07	98	
07002-0155	216.0	1.6	M8	1.31	0.31	0.28	-0.57	-1.84	17	
07086+0214	213.3	5.4	M8	1.31	0.44	0.54	-0.69	-1.98	4	
07130-0941^{c}	224.4	0.8	M6	2.46	1.55	0.82	-0.65	-1.16	9	
07193-2826^{g,j,k}	241.7	-6.7	M10	0.99	-0.19	-0.12	-0.38	-1.95	7	69
07226-2122^{k,l}	235.7	-2.7	M10	0.36	-0.62	-0.42	-0.58	-2.08	99	
07231-0300^{m}	219.6	6.2	M10	1.19	0.15	0.35	-0.52	-2.08	99	25
07235-2156^{c}	236.3	-2.8	M6	2.37	1.44	0.87	-0.63	-1.31	7	
07235-2945^{c}	243.3	-6.5	M8	1.90	1.15	1.01	-0.81	-1.74	18	
07315-1110	227.8	4.1	M8	1.92	1.05	1.26	-0.69	-2.09	30	
07343-1011	227.3	5.2	M7	1.79	0.69	0.70	-0.46	-1.89	21	
07381-3253^{c}	247.5	-5.2	M8	2.07	1.35	0.84	-0.84	-1.38	8	
07400-1943	236.3	1.7	M5	2.35	1.47	0.90	-0.68	-1.32	0	
07411-3354	248.7	-5.2	M9	2.63	1.44	0.55	-0.37	-0.99	3	
07443-2929	245.2	-2.4	M5	3.35	3.05	0.67	-1.26	0.50	22	
07475-3235	248.3	-3.4	M9	1.94	1.26	0.28	-0.88	-0.90	26	

Table 6, Continued.

IRAS Name	l_{II}	b_{II}	Sp.Type	[12]	[25]	[60]	$([12]-[25])^1_{VH}$	$([25]-[60])^1_{VH}$	Var	LRS
07479-3925[k]	254.2	-6.8	M10	0.06	-1.16	-1.07	-0.34	-1.97	27	28
07498-3512	250.7	-4.3	M10	1.55	0.32	0.13	-0.33	-1.69	98	
07503-2837	245.2	-0.8	M9	2.08	1.40	-0.56	-0.88	0.08	94	
07517-3914	254.4	-6.0	M7	1.71	0.76	0.69	-0.61	-1.81	7	
07522-2253	240.5	2.5	M3	3.82	2.82	0.81	-0.56	0.13	0	
07524-3159	248.3	-2.2	M7	1.04	0.24	0.26	-0.76	-1.90	17	
07538-3928[a,b,d,m]	254.8	-5.8	M10	-0.67	-1.26	-1.00	-0.97	-2.14	99	15
07557-3258	249.5	-2.1	M10	1.18	0.45	0.59	-0.83	-2.02	8	
07559-3743	253.5	-4.5	M8	1.57	0.63	0.70	-0.61	-1.96	2	
07566-4011	255.7	-5.7	M9	0.50	-0.18	-0.06	-0.88	-2.00	50	14
07567-3538	251.9	-3.3	M9	2.84	2.30	0.73	-1.02	-0.31	0	
07581-3254	249.7	-1.6	M4	3.89	2.77	0.82	-0.44	0.07	1	
07583-3942[k]	255.5	-5.2	M10	1.05	0.19	0.28	-0.70	-1.97	99	
07593-2550[c]	243.8	2.3	M8	2.21	1.26	1.12	-0.61	-1.74	23	
08003-3720	253.7	-3.6	M7	1.95	0.93	0.94	-0.53	-1.90	22	
08004-3222[c]	249.5	-0.9	M9	2.03	1.37	0.82	-0.90	-1.33	40	
08008-2433[c]	242.9	3.3	M7	1.82	1.06	0.96	-0.80	-1.79	12	
08043-3709[m]	253.9	-2.8	M10	0.61	-0.19	-0.05	-0.76	-2.03	97	13
08052-3413[c]	251.6	-1.1	M7	1.35	0.47	0.29	-0.67	-1.71	9	
08054-3645	253.7	-2.4	M10	0.89	0.09	-0.06	-0.76	-1.74	99	01
08055-4247	258.8	-5.7	M9	2.88	1.51	0.83	-0.20	-1.20	99	
08085-3238	250.6	0.3	M9	-0.38	-1.10	-0.71	-0.84	-2.27	99	29
08097-4143	258.4	-4.4	M8	4.30	2.82	0.41	-0.09	0.53	0	
08098-4547	261.8	-6.7	M9	0.61	-0.83	-0.85	-0.12	-1.86	99	69
08098-4125	258.1	-4.3	M7	3.35	2.45	0.56	-0.66	0.01	0	

Table 6, Continued.

IRAS Name	l_{II}	b_{II}	Sp.Type	[12]	[25]	[60]	$([12]-[25])^1_{VH}$	$([25]-[60])^1_{VH}$	Var	LRS
08113-4106^c	258.0	-3.9	M4	1.91	1.07	0.29	-0.72	-1.10	43	
08124-4006	257.3	-3.1	M7	1.44	0.44	0.48	-0.56	-1.92	27	
08167-3141	250.8	2.3	M7	2.74	2.08	1.01	-0.91	-0.81	12	
08183-3807	256.3	-1.1	M10	2.20	1.54	0.55	-0.90	-0.90	87	
08198-3051	250.5	3.3	M8	1.56	0.71	0.73	-0.70	-1.91	46	
08211-3302^k	252.5	2.3	M9	-0.17	-1.07	-0.95	-0.66	-1.99	99	29
08212-3838	257.1	-0.9	M7	-0.74	-1.44	-1.29	-0.86	-2.04	2	15
08224-4535	262.9	-4.7	M8	3.39	2.30	0.35	-0.48	0.07	19	
08247-3836	257.4	-0.3	M8	2.92	1.90	0.48	-0.54	-0.46	5	
08282-4035^c	259.4	-0.9	M7	1.46	0.60	0.01	-0.69	-1.30	55	
08286-4728	265.0	-4.9	M6	-0.22	-1.12	-1.30	-0.67	-1.70	11	14
08304-3848^c	258.2	0.5	M8	2.52	1.72	0.89	-0.76	-1.05	20	
08307-3614^c	256.2	2.0	M6	1.83	1.34	1.10	-1.07	-1.64	0	
08312-4103	260.1	-0.8	M7	0.89	-0.09	-0.02	-0.59	-1.94	7	14
08337-4226	261.5	-1.2	M6	2.35	1.55	-2.91	-0.77	2.59	30	
08381-5113^c	269.0	-6.0	M6	1.56	1.00	0.88	-1.00	-1.76	24	
08444-5254	270.9	-6.2	M7	4.39	3.48	1.52	-0.66	0.09	4	
08456-3837^k	259.9	2.9	M8	0.12	-0.67	-0.38	-0.77	-2.17	35	26
08491-5134^k	270.3	-4.8	M9	-0.41	-1.67	-1.55	-0.30	-2.00	99	28
08503-3849^c	260.7	3.5	M7	1.66	1.04	0.87	-0.93	-1.72	0	
08506-5016^c	269.5	-3.8	M9	1.62	0.68	0.30	-0.62	-1.50	49	
08534-5055	270.3	-3.9	M4	-0.91	-2.00	-2.26	-0.47	-1.62	99	
08536-3827^c	260.8	4.2	M6	2.31	1.52	1.29	-0.77	-1.65	15	
08539-5313	272.1	-5.3	M10	1.25	0.58	0.73	-0.89	-2.03	99	
08552-3942	261.9	3.6	M8	0.29	-0.61	-0.84	-0.65	-1.65	0	14

Table 6, Continued.

IRAS Name	l_{II}	b_{II}	Sp.Type	[12]	[25]	[60]	$([12]-[25])^1_{VH}$	$([25]-[60])^1_{VH}$	Var	LRS
08577-4003	262.5	3.8	M3	4.10	3.69	1.10	-1.15	0.71	0	
08582-5427[k]	273.4	-5.7	M10	1.25	-0.24	-0.12	-0.07	-2.00	18	
08592-5326[c]	272.7	-4.9	M7	1.40	0.50	-0.03	-0.66	-1.35	6	
09003-5437	273.7	-5.5	M6	0.24	-0.90	-0.56	-0.42	-2.22	27	26
09021-5314[c]	272.9	-4.4	M9	1.32	0.62	0.53	-0.86	-1.79	45	
09030-5519[c]	274.5	-5.7	M8	2.06	1.38	0.89	-0.88	-1.39	25	
09031-5009	270.7	-2.2	M7	0.68	-0.38	-0.13	-0.50	-2.12	9	
09062-5735	276.5	-6.9	M9	1.26	0.50	0.88	-0.80	-2.26	71	69
09065-5625[c]	275.7	-6.1	M7	2.01	0.95	0.65	-0.49	-1.59	30	
09066-5357	273.9	-4.4	M10	0.89	-0.25	-0.12	-0.42	-2.01	33	28
09088-4025[c]	264.2	5.1	M8	1.81	1.04	0.74	-0.79	-1.58	0	
09098-5550	275.6	-5.3	M8	1.33	0.09	-0.67	-0.33	-1.12	95	29
09118-5333	274.1	-3.6	M10	1.31	-0.05	-0.08	-0.20	-1.85	97	
09118-5723	276.9	-6.2	M8	0.92	-0.21	0.16	-0.43	-2.25	75	29
09144-4933	271.5	-0.5	M4	0.67	-0.64	-0.95	-0.25	-1.57	0	
09167-4502[c]	268.6	2.9	M9	1.99	1.37	0.91	-0.94	-1.43	0	
09213-5723[b,k]	277.8	-5.3	M8	-0.65	-1.78	-1.73	-0.43	-1.93	46	22
09267-5255	275.2	-1.6	M8	1.09	0.11	0.35	-0.58	-2.12	2	
09271-4621	270.8	3.3	M9	1.40	0.66	0.46	-0.82	-1.67	3	
09284-4514[c]	270.2	4.2	M7	1.28	0.69	0.07	-0.97	-1.26	5	
09317-5116	274.7	0.2	M6	-0.32	-1.80	-2.14	-0.08	-1.54	98	13
09328-4656[c]	271.9	3.5	M7	1.52	0.45	0.36	-0.49	-1.79	0	
09344-5108	274.9	0.6	M5	1.48	0.11	-0.69	-0.19	-1.09	2	
09354-5811[c]	279.7	-4.6	M8	2.32	1.36	0.81	-0.60	-1.33	7	
09357-4309[k]	269.7	6.7	M9	0.48	-0.58	-0.71	-0.50	-1.75	0	27

Table 6, Continued.

IRAS Name	l_{II}	b_{II}	Sp.Type	[12]	[25]	[60]	$([12]-[25])^1_{VH}$	$([25]-[60])^1_{VH}$	Var	LRS
09410-5229[c]	276.6	0.2	M4	1.18	0.39	0.23	-0.77	-1.71	18	
09419-5658	279.6	-3.1	M9	0.40	-0.52	-0.16	-0.63	-2.24	89	29
09464-5538[c]	279.2	-1.7	M9	1.70	0.89	0.32	-0.75	-1.31	56	
09471-5439	278.7	-0.9	M9	1.84	1.34	0.18	-1.06	-0.73	0	
09490-4542[k]	273.2	6.3	M10	0.69	-0.47	-0.26	-0.41	-2.09	4	
09495-4723	274.4	5.0	M9	0.26	-0.72	-0.71	-0.57	-1.90	29	14
09519-6007[m]	282.6	-4.7	M9	0.82	0.23	0.17	-0.97	-1.82	41	14
09553-6150[c]	284.0	-5.8	M6	1.37	0.70	0.45	-0.89	-1.63	33	
09569-4806	275.8	5.2	M7	1.24	0.53	-0.13	-0.84	-1.23	5	16
09581-5521	280.3	-0.4	M3	1.68	0.41	-1.12	-0.29	-0.35	0	
09588-4653	275.3	6.4	M10	1.03	0.46	0.42	-0.99	-1.85	0	
09595-5131[c]	278.2	2.7	M7	1.44	1.15	0.48	-1.27	-1.21	8	
10033-5950[i,k]	283.5	-3.6	M7	0.03	-1.23	-0.12	-0.29	-2.99	99	29
10054-5233[c]	279.5	2.4	M9	1.89	1.18	0.85	-0.85	-1.55	0	
10129-5827	283.8	-1.8	M7	3.05	2.10	-1.72	-0.61	1.94	98	
10139-4933	278.9	5.7	M8	0.97	0.27	0.35	-0.86	-1.96	10	14
10144-5128[c]	280.1	4.1	M9	1.38	0.56	0.05	-0.74	-1.38	6	
10150-6318	286.7	-5.7	M7	0.64	-0.45	-0.40	-0.47	-1.94	99	28
10153-5540	282.5	0.7	M4	-0.28	-1.20	-1.62	-0.64	-1.46	39	25
10161-5633	283.1	0.0	M9	-0.83	-1.97	-1.48	-0.42	-2.37	0	27
10175-5053	280.1	4.9	M7	1.02	0.09	0.15	-0.63	-1.93	0	14
10215-5521	283.1	1.4	M8	2.62	1.52	-0.85	-0.46	0.49	84	
10222-5341	282.3	2.9	M8	1.36	0.63	0.58	-0.83	-1.83	15	
10258-6144	286.9	-3.7	M9	4.02	3.25	-0.55	-0.79	1.92	3	
10322-5422[c]	283.9	3.1	M9	2.02	1.03	0.52	-0.57	-1.37	13	

Table 6, Continued.

IRAS Name	l_{II}	b_{II}	Sp.Type	[12]	[25]	[60]	$([12]-[25])^1_{VH}$	$([25]-[60])^1_{VH}$	Var	LRS
10331-5442	284.1	2.9	M6	2.70	1.18	0.24	-0.04	-0.94	8	
10337-6155	287.8	-3.4	M7	3.67	2.74	-1.28	-0.63	2.13	25	
10338-5139	282.7	5.6	M9	1.09	-0.31	-0.37	-0.16	-1.82	99	
10360-5633[m]	285.4	1.4	M4	-0.79	-1.63	-1.34	-0.71	-2.18	4	24
10380-5247	283.8	4.9	M8	0.97	0.00	0.20	-0.58	-2.08	5	13
10389-5306[k]	284.1	4.7	M10	0.02	-1.30	-1.20	-0.24	-1.98	99	29
10394-5747	286.4	0.6	M4	-1.75	-2.80	-3.10	-0.51	-1.59	50	26
10456-6457	290.4	-5.4	M9	1.91	0.90	0.82	-0.54	-1.80	87	
10511-5251	285.6	5.7	M8	0.16	-0.61	-0.55	-0.79	-1.94	2	14
10537-6207	290.0	-2.5	M9	1.06	-0.32	-0.75	-0.18	-1.45	97	69
10551-6126	289.8	-1.8	M7	1.57	0.85	-1.84	-0.84	0.82	2	
11049-6555[c]	292.6	-5.4	M10	1.34	0.34	0.23	-0.55	-1.77	45	
11079-5918	290.4	0.8	M7	2.21	1.08	-0.13	-0.43	-0.67	79	
11098-5605	289.4	3.9	M7	1.74	0.85	-0.76	-0.67	-0.27	11	
11157-6028	291.8	0.1	M4	4.16	3.14	-0.94	-0.54	2.20	0	
11163-5906	291.3	1.4	M9	0.79	-0.60	-0.50	-0.17	-1.98	71	29
11192-5709	291.0	3.3	M4	0.94	-0.20	-0.07	-0.42	-2.01	8	29
11192-5638	290.9	3.8	M9	0.43	-1.13	-1.33	0.00	-1.68	11	25
11231-5605	291.2	4.5	M8	2.83	1.91	0.01	-0.64	0.02	18	
11235-5606	291.2	4.5	M8	1.97	1.02	-0.54	-0.61	-0.32	0	
11273-5723	292.1	3.5	M8	0.75	-0.36	-0.26	-0.45	-1.98	17	27
11333-5752	293.1	3.3	M9	1.00	-0.33	-0.47	-0.23	-1.75	99	29
11344-5946	293.7	1.5	M7	4.21	3.07	0.36	-0.42	0.82	0	
11450-6245	295.8	-1.1	M9	-0.32	-1.28	-2.23	-0.59	-0.94	63	22
11494-5620	294.8	5.3	M9	-0.50	-1.63	-1.39	-0.42	-2.13	13	29

Table 6, Continued.

IRAS Name	l_{II}	b_{II}	Sp.Type	[12]	[25]	[60]	$([12]-[25])^1_{VH}$	$([25]-[60])^1_{VH}$	Var	LRS
11500-6223	296.2	-0.6	M3	1.19	0.32	-1.22	-0.69	-0.35	34	
11533-5702^c	295.5	4.7	M7	1.97	0.95	0.71	-0.54	-1.65	0	
11560-5613	295.7	5.6	M7	0.99	0.10	0.13	-0.67	-1.91	0	13
11589-5905^c	296.6	2.9	M9	0.92	-0.20	-0.29	-0.44	-1.79	11	
12008-5638	296.4	5.3	M4	4.45	3.71	0.77	-0.82	1.06	0	

1. $([12]\text{-}[25]_{VH}$ and $([25]\text{-}[60])_{VH}$ refer to colours as defined by VH.

References: (a) Allen et al. 1993; (b) Fouque et al. 1992; (c) Guglielmo et al. 1993; (d) Haikala et al. 1994; (e) Hashimoto 1994; (f) Jiang et al. 1996; (g) Lepine et al. 1995; (h) Lewis et al. 1990; (i) Olnon et al., 1986, (j) Sivagnanam et al. 1990; (k) te Lintel Hekkert et al. 1991; (l) Volk et al. 1991; (m) Kwok et al. (1997)

This article was processed by the author using Springer-Verlag LATEX A&A style file 1990.