Table 4. B Magnitude, B-V and V-I integrated colours, M_B absolute magnitude, major (D) and minor (d) diameters

Galaxy	B	$E(B-V)_{int}$	$E(B-V)_{gal}$	B-V	V-I	M_B	D["]	d["]
Main								
heightAM1256-433W	15.04	0.83	0.098	0.47	0.58	−20.76	83.5	17.4
AM1401-324N	14.32	—	0.084	0.43	1.25	−21.90	58.0	56.0
AM1448-262NE	14.14	—	0.169	1.07	1.50	−19.35	100.8	87.2
AM2030-303SW	15.25	0.43	0.075	0.73	1.13	−21.27	43.6	40.2
AM2058-381N	14.91	0.69	0.055	0.60	0.80	−21.38	85.7	32.2
AM2105-332SE	14.22	0.96	0.099	0.96	1.75	−20.55	65.9	41.4
AM2229-735E	15.98	0.34	0.040	0.73	1.18	−21.06	46.0	23.3
AM2238-575W	14.47	—	0.022	1.17	1.57	−21.49	120.2	79.9
AM2306-721S	14.07	0.32	0.033	0.24	0.55	−21.48	85.3	47.2
AM2322-821SE	13.35	0.25	0.196	0.81	0.91	−20.98	113.8	85.9
AM2330-451NE	14.47	—	0.016	1.17	1.57	−18.70	127.5	83.5
Secondary								
AM1256-433E	16.41	—	0.098	0.61	0.83	−19.48	18.4	16.7
AM1401-324S	17.45	—	0.084	0.77	1.18	−18.69	15.0	12.0
AM1448-262SW	15.35	0.35	0.169	0.68	1.26	−18.18	53.6	27.7
AM2030-303NE	16.37	—	0.075	0.71	1.22	−20.15	33.4	27.5
AM2058-381S	16.24	—	0.055	0.40	0.59	−20.07	33.4	18.2
AM2105-332NW	16.06	—	0.099	0.85	1.77	−18.85	29.3	19.2
AM2229-735W	17.36	0.58	0.040	0.63	1.02	−19.69	17.2	11.5
AM2238-575E	16.77	—	0.022	1.53	1.77	−19.11	40.1	18.0
AM2306-721N	14.47	—	0.033	0.18	0.44	−21.11	55.5	27.3
AM2322-821NW	15.41	0.11	0.196	0.69	0.66	−18.87	37.7	22.3
AM2330-451SW	16.77	—	0.016	1.53	1.77	−16.67	64.6	27.3

Table 5. HII region, position, equivalent radius, colour, (Hα+[NII]) luminosity , Hα+[NII] equivalent width and age.

Region	X ["]	Y ["]	r_{eq} [pc]	B [mag]	B-V	V-I	$\mathcal{L}$ (Hα+[NII]) [erg s^{-1}]	Log(EW)[Å] ±0.1	Age [10^6 yr]
AM1256-433W									
1	−37	−42	131.52	19.28 ± 0.27	0.69	1.26	(4.10 ± 0.05)×10^{39}	1.9	6.3± 0.7
2	−30	−28	105.21	19.57 ± 0.27	0.81	1.28	(5.65 ± 0.08)×10^{39}	2.1	6.3± 0.7
3	−27	−21	105.24	19.30 ± 0.27	0.76	1.28	(5.47 ± 0.07)×10^{39}	2.0	6.0± 0.7
4	−18	−12	131.52	18.66 ± 0.27	0.76	1.31	(7.43 ± 0.01)×10^{39}	1.9	5.9± 0.8
5	0	0	157.83	18.04 ± 0.27	0.77	1.43	(1.79 ± 0.02)×10^{40}	2.0	6.1± 0.7
6	39	31	236.69	17.86 ± 0.27	0.81	1.38	(1.80 ± 0.02)×10^{40}	1.9	6.4± 0.7
7	86	31	105.20	19.71 ± 0.27	0.62	1.05	(3.06 ± 0.03)×10^{39}	2.0	4.2± 0.8
					AM1256-433E				
b	−9	56	268.86	15.64 ± 0.27	1.61	1.96	—	0.6	13.1± 1.1
a	0	0	154.24	18.73 ± 0.27	1.11	1.73	—	1.4	7.0± 0.8
					AM1401-324N				
N	0	0	210.25	15.89 ± 0.30	0.55	0.74	(7.67 ± 0.08)×10^{40}	1.1	10.2± 1.0
1	6	16	120.45	18.96 ± 0.30	0.31	0.66	(2.22 ± 0.02)×10^{40}	1.9	6.2± 0.7
2	15	6	210.25	17.33 ± 0.30	0.33	0.70	(1.19 ± 0.01)×10^{41}	2.0	6.2± 0.7
3	−11	−6	223.83	15.91 ± 0.30	0.47	0.62	(6.74 ± 0.07)×10^{40}	1.1	10.1± 1.0
4	−23	8	178.15	18.57 ± 0.30	0.47	0.72	(1.89 ± 0.02)×10^{40}	1.6	6.6± 0.8
5	−43	−13	120.45	21.71 ± 0.30	0.14	0.16	(8.30 ± 0.10)×10^{39}	2.3	5.7± 0.7
6	−26	38	120.45	21.01 ± 0.30	0.35	0.39	(5.20 ± 0.20)×10^{39}	2.1	6.0± 0.7
					AM1401-324S				
N	0	0	152.11	18.40 ± 0.30	0.71	0.92	(6.00 ± 0.10)×10^{39}	1.3	7.5± 0.9
					AM1448-262NE				
N	0	0	45.09	16.95 ± 0.40	1.31	1.63	—	0.5	13.7± 1.2
					AM1448-262SW				
1	0	0	119.83	16.29 ± 0.40	0.76	1.30	—	1.6	7.1± 0.7
2	−3	−2	66.84	17.36 ± 0.40	0.85	1.42	—	1.8	7.1± 1.0
3	4	−10	35.73	18.69 ± 0.40	0.75	1.25	—	1.7	7.0± 0.7
4	10	−4	23.97	19.54 ± 0.40	0.67	1.11	—	1.6	7.1± 0.8
					AM2030-303SW				
1	0	0	314.96	17.33 ± 0.40	0.53	1.05	(8.40 ±1.00)×10^{40}	1.9	6.5± 0.7
2	17	−7	109.1	20.50 ± 0.40	0.61	1.02	(8.40 ±0.80)×10^{39}	1.9	6.5± 0.7
					AM2030-303NE				
1	0	0	272.96	18.41 ± 0.40	0.84	1.30	(1.60 ±0.20)×10^{38}	1.7	6.4± 0.7
2	−8	21	345.27	17.49 ± 0.40	0.60	1.15	(1.40 ±8.00)×10^{39}	2.1	6.0± 0.7
3	−24	18	252.15	18.12 ± 0.40	0.61	1.17	(1.10 ±0.20)×10^{40}	1.7	6.4± 0.7
4	34	19	109.18	24.36 ± 0.40	1.30	0.95	(6.60 ±2.00)×10^{38}	2.7	4.7± 0.5
					AM2058-381N				
N	0	0	180.64	17.91 ± 0.27	0.99	1.14	(8.00 ± 0.10)×10^{39}	1.1	7.5± 1.0
1	8	16	144.52	20.96 ± 0.27	0.32	0.67	(2.39 ± 0.03)×10^{39}	2.2	5.0± 1.0
2	12	55	144.52	20.74 ± 0.27	0.41	0.47	(3.13 ± 0.05)×10^{39}	2.4	5.6± 0.6
3	14	47	144.52	20.69 ± 0.27	0.31	0.62	(2.45 ± 0.05)×10^{39}	2.2	5.0± 1.0
4	23	−8	265.49	17.95 ± 0.27	0.33	0.65	(2.26 ± 0.03)×10^{39}	2.0	6.2± 0.7
5	−4	−22	198.71	18.29 ± 0.27	0.41	0.75	(1.41 ± 0.01)×10^{40}	1.9	6.3± 0.7
6	−27	−28	144.52	20.68 ± 0.27	0.44	0.50	(2.37 ± 0.05)×10^{39}	2.1	5.1± 1.0
7	22	8	180.64	18.97 ± 0.27	0.44	0.70	(7.90 ± 0.10)×10^{39}	1.9	6.3± 0.7
8	−15	20	179.74	18.75 ± 0.27	0.46	0.75	(7.10 ± 0.10)×10^{39}	1.7	6.5± 0.7
9	−5	22	179.74	18.68 ± 0.27	0.50	0.77	(7.90 ± 0.10)×10^{39}	1.7	3.7± 1.1
10	2	13	180.64	18.53 ± 0.27	0.58	0.87	(8.30 ± 0.10)×10^{39}	1.6	3.6± 1.1
11	9	5	144.52	18.99 ± 0.27	0.58	0.86	(4.15 ± 0.06)×10^{39}	1.5	4.0± 1.0
					AM2058-381S				
N	0	0	345.36	16.86± 0.27	0.27	0.47	(7.20 ± 0.10)×10^{40}	1.6	6.6± 0.8
					AM2105-332SE				
N	0	0	158.98	15.61± 0.30	0.92	1.65	(5.60 ±0.04)×10^{37}	0.6	8.4± 1.4
					AM2105-332NW				
N	0	0	202.71	16.55± 0.30	0.63	1.57	(4.36 ± 0.06)×10^{38}	1.6	6.5± 0.8

Table 5. Table5. Cont.

Region	X ["]	Y ["]	r_{eq} [pc]	B [mag]	B-V	V-I	$\mathcal{L}$ (Hα+[NII]) [erg s^{-1}]	Log(EW)[Å] ±0.1	Age [10^6 yr]
					AM2229-735W				
N	0	0	417.2	17.35± 0.40	0.66	1.21	$(2.01 \pm 0.01)\times10^{41}$	1.8	7.1± 0.8
1	4	19	280.22	19.02± 0.40	0.76	1.28	$(5.53 \pm 0.02)\times10^{40}$	1.8	6.9± 0.9
2	–12	14	383.7	19.53± 0.40	0.55	1.06	$(9.84 \pm 0.03)\times10^{40}$	2.4	6.5± 0.9
3	–36	34	204.64	20.66± 0.40	0.71	1.18	$(4.50 \pm 0.10)\times10^{39}$	1.5	7.2± 0.4
4	14	31	306.96	19.46± 0.40	0.70	1.17	$(4.35 \pm 0.02)\times10^{40}$	1.9	6.8± 0.9
5	1	10	260.87	18.88± 0.40	0.72	1.24	$(5.95 \pm 0.03)\times10^{40}$	1.8	6.9± 0.9
6	1	–11	276.69	18.40± 0.40	0.61	1.16	$(5.36 \pm 0.02)\times10^{40}$	1.6	7.0± 0.8
					AM2229-735E				
N	0	0	505.97	18.13± 0.40	0.56	1.12	$(1.89 \pm 0.01)\times10^{41}$	2.1	6.4± 0.7
					AM2238-575W				
N	0	0	205.86	18.87± 0.30	1.03	1.91	—	1.7	6.4± 0.7
1	3	–6	99.86	20.30± 0.30	1.04	1.80	—	1.7	6.5± 0.7
2	–6	–103	180.02	20.76± 0.30	0.82	1.87	—	1.9	6.2± 0.7
3	–43	–83	315.77	18.38± 0.30	0.78	1.70	—	2.1	6.1± 0.7
4	–64	–63	157.10	20.57± 0.30	0.93	1.86	—	2.1	6.1± 0.7
5	–70	–54	165.59	20.12± 0.30	0.78	1.76	—	1.9	6.2± 0.7
6	–86	34	126.31	21.06± 0.30	0.85	1.43	—	1.8	6.3± 0.7
7	–61	15	126.31	20.34± 0.30	0.89	1.78	—	1.9	6.2± 0.7
8	–58	–22	273.47	18.51± 0.30	1.03	1.97	—	1.9	6.2± 0.7
9	–49	–49	157.87	19.49± 0.30	0.99	1.80	—	1.9	6.3± 0.7
10	–39	–53	181.40	19.07± 0.30	0.96	1.87	—	1.8	6.3± 0.7
11	–27	–61	181.40	19.15± 0.30	0.85	1.85	—	1.8	6.4± 0.7
					AM2238-575E				
N	0	0	186.59	17.69± 0.30	1.24	1.9	—	0.7	12.8± 1.1
					AM2306-721S				
N	0	0	178.75	17.75± 0.27	0.62	1.28	$(3.98 \pm 0.04)\times10^{40}$	1.4	7.4± 0.9
1	–22	23	139.86	19.14± 0.27	0.48	0.85	$(1.77 \pm 0.02)\times10^{40}$	1.9	6.5± 0.7
2	–3	18	76.61	20.23± 0.27	0.50	0.97	$(5.12 \pm 0.08)\times10^{39}$	1.7	6.7± 0.8
3	32	25	76.61	20.86± 0.27	0.43	0.66	$(3.26 \pm 0.05)\times10^{39}$	1.9	6.7± 0.8
4	36	20	76.61	20.92± 0.27	0.43	0.63	$(3.50 \pm 0.06)\times10^{39}$	2.0	6.6± 0.8
5	39	12	76.61	20.88± 0.27	0.44	0.70	$(3.25 \pm 0.04)\times10^{39}$	1.9	6.7± 0.8
6	25	–19	229.82	18.13± 0.27	0.49	0.93	$(4.23 \pm 0.04)\times10^{40}$	1.8	6.6± 0.8
7	11	–20	127.68	19.12± 0.27	0.48	0.92	$(1.37 \pm 0.02)\times10^{40}$	1.7	6.6± 0.8
8	–7	–23	102.14	19.96± 0.27	0.48	0.91	$(9.55 \pm 0.08)\times10^{39}$	1.9	6.5± 0.8
9	–9	–16	102.14	19.62± 0.27	0.48	0.91	$(9.22 \pm 0.08)\times10^{39}$	1.8	6.6± 0.8
10	–28	–5	102.14	19.75± 0.27	0.48	0.88	$(5.23 \pm 0.07)\times10^{39}$	1.6	6.7± 0.8
					AM2306-721N				
1	0	0	214.96	16.91± 0.27	0.45	0.83	$(4.75 \pm 0.07)\times10^{41}$	1.9	6.8± 0.8
2	9	9	158.76	17.25± 0.27	0.50	1.00	$(2.71 \pm 0.01)\times10^{41}$	1.8	6.7± 0.8
3	19	23	242.51	16.86± 0.27	0.42	0.59	$(5.17 \pm 0.08)\times10^{41}$	2.0	6.6± 0.8

Table 5. Table5. Cont.

Region	X ["]	Y ["]	r_{eq} [pc]	B [mag]	B-V	V-I	$\mathcal{L}$ (Hα+[NII]) [erg s^{-1}]	Log(EW)[$\AA$] ±0.1	Age [10^6 yr]
AM2322-821SE									
N	0	0	99.28	16.46± 0.30	1.18	1.22	$(1.61 \pm 0.03)\times10^{40}$	1.5	7.3± 0.8
1	11	8	53.68	18.71± 0.30	1.15	1.20	$(2.25 \pm 0.03)\times10^{39}$	1.6	6.1± 1.2
2	20	9	48.32	19.21± 0.30	1.07	1.05	$(1.86 \pm 0.03)\times10^{39}$	1.8	6.1± 1.1
3	22	3	37.19	19.84± 0.30	1.06	1.10	$(8.90 \pm 0.10)\times10^{38}$	1.7	6.6± 1.0
4	27	–6	59.05	18.56± 0.30	0.92	0.88	$(2.35 \pm 0.04)\times10^{39}$	1.7	5.8± 1.2
5	25	–15	48.32	19.07± 0.30	0.93	0.89	$(1.43 \pm 0.03)\times10^{39}$	1.7	6.2± 1.0
6	19	–22	45.22	19.57± 0.30	0.89	0.85	$(1.28 \pm 0.03)\times10^{39}$	1.7	6.1± 1.0
7	13	–57	43.61	20.08± 0.30	0.86	0.84	$(1.20 \pm 0.01)\times10^{39}$	2.1	6.2± 0.8
8	16	–61	42.61	20.08± 0.30	0.95	0.84	$(1.26 \pm 0.01)\times10^{39}$	2.1	6.1± 0.9
9	4	–63	32.21	20.76± 0.30	0.82	0.74	$(7.50 \pm 0.30)\times10^{38}$	2.2	6.2± 0.7
10	8	–32	59.05	19.01± 0.30	0.97	0.94	$(1.41 \pm 0.03)\times10^{39}$	1.7	6.3± 1.0
11	–24	–29	61.68	19.04± 0.30	0.95	0.89	$(1.93 \pm 0.03)\times10^{39}$	1.8	6.0± 1.0
12	–49	–59	58.32	18.87± 0.30	0.93	0.87	$(1.43 \pm 0.03)\times10^{39}$	2.0	5.7± 1.1
13	–76	–6	80.35	18.64± 0.30	0.74	0.71	$(3.44 \pm 0.06)\times10^{39}$	2.1	5.4± 1.2
14	–41	4	59.05	19.06± 0.30	0.91	0.87	$(1.61 \pm 0.03)\times10^{39}$	1.8	6.1± 1.0
15	–37	18	48.32	19.44± 0.30	0.93	0.86	$(1.35 \pm 0.01)\times10^{39}$	1.9	6.1± 0.9
16	–34	30	42.95	20.06± 0.30	0.98	0.99	$(8.30 \pm 0.10)\times10^{38}$	1.8	6.5± 0.9
17	–22	52	42.95	20.26± 0.30	0.96	0.89	$(7.60 \pm 0.10)\times10^{38}$	2.0	6.4± 0.7
18	–45	72	42.95	20.41± 0.30	0.84	0.84	$(9.40 \pm 0.10)\times10^{38}$	2.1	6.2± 0.7
19	4	92	45.23	18.77± 0.30	0.87	0.82	$(1.43 \pm 0.03)\times10^{39}$	1.8	6.0± 1.0
20	4	35	72.02	18.78± 0.30	0.99	1.03	$(2.10 \pm 0.03)\times10^{39}$	1.7	6.0± 1.2
21	29	138	58.81	19.93± 0.30	0.73	0.60	$(2.07 \pm 0.03)\times10^{39}$	2.4	5.5± 1.0
22	37	129	48.02	20.30± 0.30	0.71	0.65	$(1.25 \pm 0.01)\times10^{39}$	2.3	5.9± 0.6
23	49	134	59.05	19.79± 0.30	0.63	0.63	$(2.23 \pm 0.04)\times10^{39}$	2.4	5.9± 1.0
24	95	109	72.02	19.57± 0.30	0.68	0.68	$(1.84 \pm 0.03)\times10^{39}$	2.2	6.1± 1.0
25	101	101	42.95	20.47± 0.30	0.62	0.58	$(6.00 \pm 0.10)\times10^{38}$	2.1	6.4± 0.7
26	135	–20	64.42	20.22± 0.30	0.71	0.66	$(1.40 \pm 0.03)\times10^{39}$	2.3	5.8± 0.7
27	105	–85	64.42	20.62± 0.30	0.86	0.60	$(1.51 \pm 0.03)\times10^{39}$	2.4	5.7± 0.8
AM2322-821NW									
1	0	0	81.16	17.78± 0.30	0.67	0.76	$(1.34 \pm 0.01)\times10^{40}$	1.3	7.3± 0.8
2	9	1	56.07	18.32± 0.30	0.87	0.96	$(3.74 \pm 0.04)\times10^{39}$	1.6	5.8± 1.4
3	18	–11	59.94	18.98± 0.30	0.77	0.81	$(2.65 \pm 0.03)\times10^{39}$	1.6	6.0± 1.2
4	15	4	46.86	18.49± 0.30	1.04	1.08	$(1.40 \pm 0.01)\times10^{39}$	1.7	6.5± 1.0
5	41	15	49.95	19.54± 0.30	0.68	0.77	$(1.77 \pm 0.03)\times10^{39}$	1.7	6.2± 1.0
6	31	29	69.21	18.35± 0.30	0.68	0.66	$(2.62 \pm 0.03)\times10^{39}$	2.3	5.6± 1.0
7	20	18	39.96	18.90± 0.30	0.78	0.85	$(1.40 \pm 0.01)\times10^{39}$	2.0	6.3± 1.0
AM2330-451NE									
N	0	0	66.45	15.21± 0.30	0.80	1.48	—	0.2	15.3± 1.4
AM2330-451SW									
1	0	0	51.80	19.51± 0.30	0.84	1.12	—	1.5	6.9± 0.8
2	18	–17	56.75	18.92± 0.30	0.75	1.05	—	—	—
3	6	–34	67.14	18.50± 0.30	0.74	1.04	—	1.5	6.8± 0.8
4	–5	–27	1.80	19.07± 0.30	0.77	1.06	—	—	—

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Table 6. Bulge and disk parameters

Galaxy	m_e	r_{eff}	b_0	d_l	m_e	r_{eff}	b_0	d_l	m_e	r_{eff}	b_0	d_l
	B				V				I			
AM1256-433W	—	—	20.96	6.55	—	—	20.82	7.01	—	—	20.00	6.50
AM1256-433E	—	—	21.99	5.14	—	—	21.10	4.49	—	—	20.60	4.99
AM1401-324N	20.65	2.86	22.65	10.90	21.20	5.60	24.2	24.12	19.79	5.00	21.50	8.31
AM1401-324S	—	—	22.75	4.30	—	—-	22.12	4.00	—	—	20.75	3.5
AM1448-262NE	22.55	7.34	22.61	13.56	21.79	9.93	21.64	8.10	20.75	12.63	19.51	5.73
AM1448-262SW	—	—	22.55	8.68	—	—	21.99	9.25	—	—	20.45	8.45
AM2030-303SW	21.10	1.10	21.22	5.30	22.72	6.20	20.80	5.00	20.90	4.50	19.87	5.99
AM2030-303NE	—	—	21.83	3.80	—	—	21.83	4.70	—	—	20.44	5.00
AM2058-381N	24.00	5.10	21.00	5.20	22.55	5.10	20.41	5.20	21.70	4.50	18.90	4.40
AM2058-381S	—	—	22.27	5.77	—	—	22.17	6.53	—	—	21.22	6.50
AM2105-332SE	21.00	5.00	21.95	16.50	21.00	8.50	22.00	16.0	19.25	8.05	20.45	20.0
AM2105-332NW	19.65	1.20	21.75	6.20	19.65	1.70	21.75	7.65	19.45	3.50	21.30	15.65
AM2229-735E	—	—	20.54	3.20	—	—	19.84	3.26	—	—	18.59	3.16
AM2229-735W	—	—	23.30	6.6	—	—	22.48	5.60	—	—	21.38	5.90
AM2238-575W	24.10	12.5	21.45	13.37	22.21	10.00	20.25	11.50	20.35	7.26	19.15	10.52
AM2238-575E	—	—	20.71	2.67	—	—	19.66	2.90	—	—	18.09	3.15
AM2306-721S	23.50	6.50	20.30	7.20	22.80	—	—	—	—	—	—	—
AM2306-721N	—	—	20.81	4.91	—	—	20.68	5.02	—	—	20.27	5.50
AM2322-821SE	22.85	6.51	22.06	27.02	21.65	5.50	21.02	21.30	20.60	6.00	20.12	21.60
AM2322-821NW	—	—	21.20	5.80	—	—	21.07	6.60	—	—	20.10	5.60
AM2330-451NE	22.67	27.52	21.12	5.83	19.5	11.00	20.1	22.7	18.4	11.4	18.73	22.88
AM2330-451NE	—	—	21.06	6.82	—	—	19.43	6.1	—	—	18.4	5.72