

Nearby galaxies. I. The catalogue

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The data of 289 nearby galaxies have been compiled. The inclusion of a galaxy into the catalogue depends on its redshift as in the catalogue of Kraan-Korteweg and Tammann (1979) ($v_{LG} = 500 \text{ km s}^{-1}$) or on the fact that the objects are known to be certain or probable members of nearby groups. The galaxies in the sample form the Local Group with 51 certain and probable members and several additional groups. One third of the galaxies in the catalogue (96 objects) does not seem to belong to any group.

The main emphasis is to get a distance-limited sample of galaxies, especially of dwarf objects. It is intended to discuss the properties of the sample in a following part of the investigation.

Key words: galaxies — catalogue

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1. Introduction

During the course of the fundamental investigations by Hubble (1936) in the twenties and thirties of our century it became obvious that the composition of the extragalactic population is largely dependent on the place in the universe. Large elliptical galaxies usually are members of regular clusters such as the Coma cluster, whereas spiral systems are predominant in irregular clusters. Populations outside the clusters are characterized by a huge share of small objects — elliptical systems as well as irregular galaxies. Because of their low luminosities these objects can be investigated in efficient detail only within small distances. Therefore, in order to investigate the population as a whole as well as individual objects in detail the restriction on the immediate extragalactic neighbourhood of the Milky Way system will include a sample of galaxies characterizing a population of a relative low volume density containing field galaxies and members of some smaller groups.

The first important attempt in this direction was done by Kraan-Korteweg and Tammann (1979) in compiling a distance-limited sample of galaxies, which contains all the systems with radial velocities (corrected to the centroid of the Local Group) $v_{LG} = 500 \text{ km s}^{-1}$ known at that time. Using a Hubble constant $H_0 = 50 \text{ km s}^{-1} \text{ Mpc}^{-1}$ the catalogue comprises all the galaxies within $r = 10 \text{ Mpc}$. There is, however, one important exception: Virgo cluster members which populate the low-velocity tail of the cluster velocity distribution enter the catalogue of Kraan-Korteweg and Tammann, although their distances are much larger than 10 Mpc or, generally spoken, $500/H_0$.

The catalogue of Kraan-Korteweg and Tammann has been extended by Huchtmeier and Richter (1986) by several galaxies for which the radial velocities have been determined since the publication of the Kraan-Korteweg-Tammann catalogue. The main intention of Huchtmeier and Richter concerned HI observations of the nearby galaxies and the discussion of the quantities characterizing these objects.

The aim of the present investigation is to complete the above mentioned catalogues by galaxies with recently determined radial velocities, $v_{LG} < 500 \text{ km s}^{-1}$, as well as by such certain and probable members of groups within this velocity limit for which no measured velocities are available.

In the first part of this investigation we will give the extended catalogue of nearby galaxies with $v_{LG} < 500 \text{ km s}^{-1}$ and those objects which are probably within this limit although there are no velocities known (Table 1). The different entries contain the characterizing quantities compiled from the literature. Special emphasis is placed on the infrared fluxes of the objects in the catalogue.

The second part will be devoted to the discussion of the relations between the different quantities which characterize the properties of the nearby galaxies (Schmidt and Boller, in preparation).

2. The sample

Starting from the two previous catalogues of Kraan-Korteweg and Tammann and of Huchtmeier and Richter the literature has been searched for galaxies with velocities $v_{LG} < 500 \text{ km s}^{-1}$ with respect to the centroid of the Local Group. We admit three different corrections transforming the heliocentric velocities which are given in the description of column (5) of the catalogue.

The main sources we looked for are the catalogues of Palumbo et al. (1983), Huchtmeier and Richter (1989), the Revised Shapley-Ames Catalogue by Sandage and Tammann (1981) as well as the Reference Catalog of Bright Galaxies by de Vaucouleurs et al. (1991). Also have been considered the catalogues by Kraan-Korteweg (1986), by Tully (1988), by Karachentseva and Sharina (1988) and by Schneider et al. (1990). The low-velocity objects into the direction of the Virgo cluster have been omitted, in contrast to the catalogues by Kraan-Korteweg and Tammann and by Huchtmeier and Richter.

However, several galaxies which are considered to be probable members of groups belonging to the sample we took up into the catalogue although there is no measured radial velocity. This concerns seven galaxies which are probable members of the Local Group, ten dwarf galaxies which are attributed to the group around IC 342 (Börngen and Karachentseva 1985), twenty-five objects obviously belonging to the M 81 group (Börngen and Karachentseva 1982; Börngen et al. 1982; Karachentseva et al. 1984; Karachentseva et al. 1985; Karachentseva et al. 1987), and two objects which are probable members of the M 101 group (Karachentseva and Sharina 1988). Moreover, there is at least one object which may be a nearby field galaxy (UGC 5439 = Sex C) and therefore has to be included into our sample.

Because of the velocity dispersion of the groups there is the possibility that physical high-velocity members may show $v_{LG} < 500 \text{ km s}^{-1}$. The only probable member of a group within the limits of our sample showing a large velocity is UKS 1332-453 = Fourcade-Figuero, which is discussed to be member of the group B6 (= Cen A) (Webster et al. 1979). However, since the velocity of this object exceeds the mean of the group by about 300 km s^{-1} , we decide not to include it in our catalogue. On the other hand, besides the numerous low-velocity members of the Virgo cluster there are some few members of outlying groups the observed velocity of which is smaller than $v_{LG} < 500 \text{ km s}^{-1}$. In the detail it concerns NGC 2537 = UGC 4274 (member of the group V 19a defined by Vennik 1984), NGC 3299 = UGC 5761, and UGC 5889 = DDO 88 (both members of the group V 40). These objects as well as the low-velocity members of the Virgo cluster are not included in the sample.

Altogether the catalogue contains 289 known objects, 96 of which are field galaxies. The percentage of field objects is the same as by Kraan-Korteweg and Tammann although the selection criterion is somewhat different (because of the inclusion of group members without measured radial velocities). Strikingly the number of certain and probable members of the Local Group (including the Milky Way System) (51 objects) exceeds that given by van den Bergh (1992) (28 objects) by far.

3. Description of the catalogue

Column (1)

(a) Galaxy name

Entries are identified, in order of priority, by a New General Catalogue number (Dreyer 1888) preceded by a "N" (abbreviation for "NGC"), or by an Index Catalogue number (Dreyer 1895, 1908) preceded by an "I" (stands for "IC"), or by an Uppsala General Catalogue number (Nilson 1973) preceded by a "U" (stands for "UGC"), or by a code number of the ESO/Uppsala Survey of the ESO(B) Atlas (Lauberts 1982) preceded by an "E" (abbreviation for "ESO") or a number of the Catalogue of Selected Non-UGC Galaxies (Nilson 1974) preceded by "UA" (stands for "UGCA"). In a small number of cases the galaxy is designated by an "A" (stands for "anonymous") followed

by the coordinates of the object. Some of the fainter members of the Local Group of galaxies are characterized by the abbreviation of the galaxy's constellation occasionally followed by a Roman number or a letter. In rare cases designations are used which usually are in the lines (b) or (c). The letters "DW" and a number following the name I 342 characterizes dwarf galaxies in the neighbourhood of this giant galaxy.

(b,c) Alternate names

Designations of the galaxies explained in the description of line (a) except of the one selected for the "name" are given in these lines. Moreover, the numbers of the Catalogue of Dwarf Galaxies from the David Dunlap Observatory (van den Bergh 1959, 1966) preceded by a "D" (abbreviation for "DDO"), the catalogue by Karachentseva (1968) characterized by "K", of the Morphological Catalogue of Galaxies (Vorontsov-Velyaminov et al. 1962-74) without any prefix are given. In several cases the designations given by Zwicky et al. (1961-68), Holmberg (1958), and Arp (1966) are used. Completeness of alternative names is not attempted.

Columns (2) and (3)

(a) Equatorial coordinates

α, δ : right ascension in hours (2 digits) and minutes (last 3 digits in column 2) and declination in degrees (2 digits) and arcminutes (last 2 digits in column 3) at the epoch 1950.0. The accuracy of the positions is about 1 arcminute.

(b) Galactic coordinates

l, b : longitude (column 2) and latitude (column 3), in degrees. The coordinates follow the conventions of the International Astronomical Union. The Galactic North Pole is taken to lie at 12h49.0m +27°24'. The origin in longitude ($l = 0^\circ$) is coincident with the direction to the Galactic Centre.

(c) Supergalactic coordinates

L, B : longitude (column 2) and latitude (column 3), in degrees. The coordinate system is defined in the Second Reference Catalogue of Bright Galaxies (de Vaucouleurs et al. 1976). The Supergalactic North Pole is at 18h52.8m +15°37'. The origin in longitude ($L = 0^\circ$) lies at one of the two points of intersection of the Galactic and Supergalactic great circles, at $l = 137.37^\circ$.

Column (4)

(a) Heliocentric velocity

v_\odot of the galaxy, in km s⁻¹. Preferred sources are the compilations of Huchtmeier and Richter (1986, 1989), Kraan-Korteweg and Tammann (1979), Sandage and Tammann (1981), Palumbo et al. (1983), Schneider et al. (1990), Kraan-Korteweg (1986), Tully (1988), Karachentseva and Sharina (1988) and de Vaucouleurs et al. (1991); otherwise, the weighted mean of the data in the literature are taken.

(b) Adopted error

Δv of the heliocentric velocity of the galaxy, in km s⁻¹. The sources are the same as in line (a).

Column (5)

Systemic velocity

$v_{\text{LGi}} = v_\odot + \Delta v_i$, adjusted for solar motion with respect to the centroid of the Local Group. The following corrections are used:

(a) $\Delta v_1 = -79.1 \cos l \cos b + 295.4 \sin l \cos b - 37.6 \sin b$ (Yahil et al. 1977),

(b) $\Delta v_2 = -49.59 \cos l \cos b + 306.95 \sin l \cos b - 18.59 \sin b$ (Richter et al. 1987),

(c) $\Delta v_3 = 300 \sin l \cos b$.

In the following, especially concerning the entries in columns (6c), (9b), (13c), (16c), and (17b), the systemic velocity v_{LG2} is used because it seems to be the most reliable quantity.

Column (6)

Group membership

Kraan-Korteweg and Tammann (1979), Vennik (1984), and Tully (1987) recognized a number of small groups of galaxies in the extragalactic neighbourhood besides the well-known Local Group. There are no serious contradictions in the concepts between the different authors. We decided ourselves to use the concept of Kraan-Korteweg and Tammann (1979). The only exception is to split a small group of objects around DDO 87 which obviously lies behind the M 81 = B2 group. We call this group B2a. In accordance with Kraan-Korteweg and Tammann we use the following notation:

LG = Local Group	B4 = NGC 4244 group
B1 = IC 342 group	B5 = M 94 group
B2 = M 81 group	B6 = NGC 5128 (= Cen A) group
B2a = DDO 87 group	B7 = Sculptor group, splitted into B7a and B7b.
B3 = M 101 group	

The membership is due to the coordinates and the velocity of the galaxy. All the objects which cannot be classified into one of these groups we name field galaxies marked by "field".

(b) Angular distance from the centre of the Virgo cluster Θ , in degrees.
The cluster centre is assumed into the direction 12h25.0m +13°00'.

(c) Distance of the galaxy in units of the distance of the Virgo cluster (21.7 Mpc), x_2 .
The distance has been calculated using the linear approximation of the method described by Kraan-Korteweg (1986) in which the systemic velocity $v_{\text{LG}i}$ from column (5) is coupled with the relative distance x_i of the galaxy, the observed Virgo cluster velocity, $v_{\text{obs}}^{\text{Vir}} = 967 \text{ km s}^{-1}$, the local deviation from the Hubble flow, $w_{\text{hel}} = 220 \text{ km s}^{-1}$, and the angular distance from the Virgo centre by

$$v_{\text{LG}i} = v_{\text{obs}}^{\text{Vir}} x_i - w_{\text{hel}} (\cos \Theta - x_i) (1 - (x_i^2 - 2x_i \cos \Theta + 1)^{-1}) .$$

We restrict ourselves to the case $i = 2$.

For the members of groups the mean group distances are given. This holds also for group members without measured radial velocities. The distances of the Local Group members are assigned individually.

Column (7)

(a) Inclination

i is from face-on, in degrees. The mean error, following from the comparison of data from different authors, is about 5° .

(b) Galactic extinction

A_g , is the obscuration by interstellar dust within the Milky Way System, in mag. Data are taken from Burstein and Heiles (1984) with the exception of some objects near the galactic equator. This concerns the following galaxies: IC 10 (de Vaucouleurs and Ables 1965); Maffei I (Buta and McCall 1983); Maffei II (Spinrad et al. 1973, Buta and McCall 1983); IC 342 (McCall 1989); Circinus (Freeman et al. 1977).

(c) Internal extinction

A_i , is the obscuration by interstellar dust within the candidate galaxy, in mag. The quantity is the absorption within the external galaxy beyond that expected if the galaxy would be face-on. The data are taken from the RC3 (de Vaucouleurs et al. 1991). The correction procedure is described therein. The A_i depend on the type of the galaxy and its inclination. For elliptical and S0 galaxies, $A_i = 0$ is assumed. It should be mentioned, however, that other data for the correction of the internal extinction are in use, which are in part quite different from that given here (Sandage and Tammann 1981; Tully 1988).

Column (8)

(a) Observed total photoelectrical blue magnitude

B_T . The data mainly are taken from the RC3 (de Vaucouleurs et al. 1991) or from the catalogue of Kraan-Korteweg (1986). The accuracy is usually between 0.1 and 0.2 mag.

(b) Blue photographic magnitude

m_B . The data are from the RC3. The accuracy is generally between 0.2 and 0.3 mag.

Column (9)

(a) Blue corrected magnitude

$B_T(0, i)$, which is adjusted for galactic and internal extinction resulting from the data in (8a), (7b), and (7c):

$$B_T(0, i) = B_T - A_g - A_i .$$

If no data are in (8a) the magnitude m_B in (8b) instead of B_T is taken, if available. In several cases where no data are in column (8) Zwicky magnitudes or estimates from a diameter-magnitude relation are taken. The overall accuracy which normally is of order of 0.2 mag lies in these cases at about 0.3 mag.

(b) Absolute magnitude

M_B of the galaxy following directly from the apparent blue magnitude corrected for extinction given in (9a) and the relative distance x_2 in (6c) according to

$$M_B = B_T(0, i) - 5 \log x_2 - 31.68 .$$

For few members of the Local group and of the B2 group the data are taken from miscellaneous sources. The mean error of the absolute magnitude is about 0.3 mag.

(c) Morphological type

and its uncertainty is given by a numeric code according to de Vaucouleurs et al. (1976):

Coded type	Revised Hubble type	Notes	Coded type	Revised Hubble type	Notes
-6	E-	compact E	4	Sbc	
-5	E	spheroidal	5	Sc	
-3	S0,L-	lenticulars	6	Scd	
-2	S0,L ⁰	lenticulars	7	Sd	
0	S0/a		8	Sdm	
1	Sa		9	Sm	
2	Sab		10	Im	plus dIm, Ir
3	Sb		pec	peculiar	also I0, IrrII

In most cases the coded types are taken from the RC3 (de Vaucouleurs et al. 1991). Since the types given there are the mean by several authors usually a decimal appears. The coded types without a decimal and without an information of the uncertainty are estimates by ourselves.

Columns (10) and (11)

(a) Observed total colour indices

$(B - V)_T$ resp. $(U - B)_T$: the observed total colour indices mainly are taken from the RC3. The mean error is about 0.04 mag in $(B - V)_T$ and 0.06 mag in $(U - B)_T$, but differs greatly from one object to another.

(b) Corrected total colour indices

$(B - V)_T^0$ resp. $(U - B)_T^0$: the total color indices corrected for galactic and internal reddening mainly are taken from the RC3.

Column (12)

(a) Logarithm of the observed diameter

$\log D_{25}$: logarithm of the angular diameter (major axis) at the 25 magnitude/arcsecond² isophote in blue light, where D_{25} is in 0.1 arcminutes, followed by its mean error ϵ . The data mainly are taken from the RC3.

(b) Logarithm of the axis ratio

$\log R_{25}$: logarithm of the ratio between the major axis D , and the minor axis d , at 25 magnitude/arcsecond² isophote in blue light, followed by its mean error ϵ . The data mainly are taken from the RC3.

(c) Logarithm of the corrected diameter

$\log D_0$: logarithm of the angular diameter adjusted for the effects of projection and extinction, in 0.1 arcminutes. The data mainly are taken from the RC3, where the procedure of correction is described.

Column (13)

(a,b) Integrated HI flux and its error

S , resp. ΔS , in Jy km s^{-1} , taken from Huchtmeier and Richter (1986, 1989).

(c) Logarithm of the HI mass

$\log M_{\text{HI}}$, whereas the HI mass is calculated by $M_{\text{HI}} = 2.36 \cdot 10^5 D^2 S$, in solar masses, where $D = 21.7x_2$ is the distance in Mpc and S the HI flux in Jy km s^{-1} from (13a).

Column (14)

(a) Maximal rotational velocity

V_{max} , which is the mean of the maximal rotational velocity, in km s^{-1} , from HI measurements taken from Huchtmeier and Richter (1989) followed by the number (n) of measurements.

(b) Maximum of the maximal observed rotational velocity

$\text{max}V_{\text{max}}$, in km s^{-1} , taken from the entries in Huchtmeier and Richter (1989).

Column (15)

(a) HI line width

Δv_{50} , measured at 50 per cent of the peak intensity, in km s^{-1} , followed by the number (n) of measurements. The data are taken from Huchtmeier and Richter (1986, 1989).

(b) HI line width

Δv_{20} , measured at 20 per cent of the peak intensity, in km s^{-1} , followed by the number (n) of measurements, or, if there is no number (n), calculated from Δv_{50} according to the relations given by Huchtmeier and Richter (1988):

$$\Delta v_{20} = 1.252\Delta v_{50} + 8.56 \text{ for } \Delta v_{50} < 65 \text{ km s}^{-1}$$

$$\Delta v_{20} = 1.000\Delta v_{50} + 25.0 \text{ for } \Delta v_{50} > 65 \text{ km s}^{-1}.$$

The measured data are taken from Huchtmeier and Richter (1986, 1989). The mean error is about 5 km s^{-1} for $\Delta v_{20} < 130 \text{ km s}^{-1}$, and about 13 km s^{-1} for $\Delta v_{20} > 130 \text{ km s}^{-1}$.

(c) HI line width

$\Delta v_{0,i}$ is the corrected HI line width derived from the observed line width at 20 per cent of the peak flux, Δv_{20} , according to the relation

$$\Delta v_{0,i} = (\Delta v_{20} - 12.6) / \sin i,$$

where the inclination i is from (7a) and the item -12.6 km s^{-1} is the correction due to turbulent motions (Richter and Huchtmeier 1984).

Column (16)

(a) IRAS source

The name of the main infrared source from the IRAS Point Source Catalog (1988). If there is more than one source of nearly equal infrared intensity which may be identified with the galaxy, the notation "several" is used.

(b) Logarithm of the far-infrared flux

$\log F_{\text{IR}}$, in $\text{erg cm}^{-2}\text{s}^{-1}$, is the far infrared flux between 40 and $120 \mu\text{m}$ defined by

$$F_{\text{IR}} = 1.26 \cdot 10^{-11}(2.58f_3 + f_4)$$

according to van den Broek (1990). The quantities f_3 and f_4 are the fluxes, in Jansky, measured by IRAS at 60 resp. $100 \mu\text{m}$.

(c) Logarithm of the dust mass

$\log M_{\text{Dust}}$: the dust mass, M_{Dust} , of a galaxy has been calculated from its observed infrared properties and its distance after three different relations:

$$(1) M_{\text{Dust}} = 1.154 \cdot 10^{16} x_2^2 F_{\text{IR}} \quad (\text{Richter et al. 1991}),$$

$$(2) M_{\text{Dust}} = 2.251 \cdot 10^3 f_4 x_2^2 (\exp(143.88/T_{\text{Dust}}) - 1) \quad (\text{Young et al. 1989}),$$

$$(3) M_{\text{Dust}} = 451.6 f_4 x_2^2 ((9.96 f_4 / f_3)^{1.5} - 1) \quad (\text{Thuan and Sauvage 1992}).$$

In all cases the dust masses are in solar masses. Normally, the resulting dust masses according to the diverse relations are different by a factor 2 or 3. A quite plausible compromise seems to be the geometrical mean of the three data for any galaxy. In few cases, the brightest galaxies as a rule, only $M_{\text{Dust}}(1)$ has been calculated, which seems to be an overestimate. These data are marked by a colon.

Column (17)

(a) Sample

The numbers 1, 2, or 3 characterize, if an object belongs to a sample with $v_{\text{LG}1,2,3} < 500 \text{ km s}^{-1}$ according to the data in column (5). The letter "i" marks all the galaxies within a spherical volume characterized by $x_2 < 0.3297$ in (6c), which is the largest possible sphere in our catalogue.

(b) Individual relative distances

$x_2(\text{ind})$, for group members calculated from the systemic velocities, $v_{\text{LG}2}$, in the same manner as for field objects. For members of the Local Group with negative $v_{\text{LG}2}$ the method of calculating x_2 does not work.

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Table 1
Data of nearby galaxies

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
Name	α	δ	v_{\odot}	v_{LG1}	group	i	B_T	$B_T(0, i)$	$(B - V)_T$	$(U - B)_T$
Alternate names	l	b	Δv	v_{LG2}	Θ	A_g	m_B	M_B	$(B - V)_T^0$	$(U - B)_T^0$
	L	B		v_{LG3}	x_2	A_i		type, Δ type		
E349-31	0005.7	-3452	+207	+219	B7a	35		15.46		
SCLDIG, -07-01-009	351.48	-78.12	7	+206	157.69	.02	15.54	-11.1		
	260.2	+4		+198	.094	.06		10.0	.9	
N55	0012.5	-3929	+127	+113	B7a	84	8.42	7.60	.55	.12
E293-50, -07-01-013	332.78	-75.74	3	+100	153.38	.03	8.29	-18.9	.38	.00
	256.3	-2.4		+93	.094	.77		9.0	.7	
I10	0017.7	+5901	-344	-46	LG	35	11.8	8.23		
U192, 10-01-000	118.97	-3.34	2	-51	107.97	3.5		-17.4		
	354.4	+17.9		-82	.060	.07		10.0	.3	
U288	0026.3	+4309	+188	+481	field					
	118.62	-19.26		+471	123.85	.36				
	338.0	+15.4		+437	.404	.29		pec		
N147	0030.5	+4814	-187	+109	LG	57	10.47	9.71	.95	
U326, D3	119.82	-14.25	42	+100	118.75	.76	10.43	-14.6	.78	
08-02-005	343.3	+15.3		+65	.034	.00		-5.0	.3	
A0032+36	0032.6	+3614			LG					
AND III	119.31	-26.25			130.73	.21		-10.6		
	331.1	+13.2			.034			-5		
N185	0036.2	+4804	-204	+90	LG	53	10.10	9.27	.92	.39
U396, 08-02-010	120.79	-14.48	10	+81	118.89	.83	10.14	-15.1	.73	.23
	343.3	+14.3		+46	.034	.00		-5.0	.3	
N205	0037.6	+4125	-236	+52	LG	58	8.92	8.77	.85	
U426, M110, 07-02-014	120.72	-21.14	5	+40	125.51	.15	8.93	-15.6	.82	
	336.5	+13.1		+5	.034	.00		-5.0	.3	
A0039+40	0039.8	+4018	-375	-89	LG			15.::		
AND IV	121.10	-22.27	5	-101	126.59	.33		-9.3::		
	335.5	+12.5		-137	.034:			-5:		
N221	0040.0	+4036	-200	+86	LG	54	9.03	8.70	.95	.48
U452, M32, ARP168	121.15	-21.98	6	+74	126.30	.33	9.08	-15.6	.88	.40
07-02-015	335.8	+12.5		+38	.034	.00		-6.0	.3	
N224	0040.0	+4100	-301	-14	LG	77	4.36	3.36	.92	.50
U454, M31, 07-02-016	121.18	-21.57	5	-26	125.89	.33	3.95	-21.0	.76	.34
	336.2	+12.5		-62	.034	.67		3.0	.3	
I1574	0040.6	-2231	+361	+426	B7b	63	14.32	13.92	.61	.00
D226, UA9, E474-18	101.19	-84.76	5	+408	169.79	.07	14.51	-14.5	.49	-.09
-04-02-043	274.2	-3.2		+388	.220	.33		9.7	.5	
A0043+37	0043.0	+3744			LG					
AND I	121.69	-24.85			129.09	.22				
	333.0	+11.4			.034	.00		-5.0	1.8	
N247	0044.7	-2102	+158	+229	B7b	72	9.67	8.92	.56	
UA11, E540-22	113.95	-83.56	3	+210	170.70	.07	9.66	-19.5	.45	
-04-03-005	275.9	-3.7		+189	.220	.68		7.0	.3	
N253	0045.1	-2534	+249	+297	B7b	77	8.04	7.08		
UA13, E474-29	97.55	-8797	7	+279	166.58	.05	7.72	-21.3		
-04-03-009	271.6	-5.0		+260	.220	.91		5.0	.3	

(1)	(12)	(13)	(14)	(15)	(16)	(17)			
Name Alternate names	$\log D_{25}$ $\log R_{25}$ $\log D_0$	ϵ ϵ	S ΔS $\log M_{\text{HI}}$	V_{max} max V_{max}	(n)	ΔV_{50} ΔV_{20} $\Delta V_{0,i}$	(n)	IRAS source $\log F_{\text{IR}}$ $\log M_{\text{dust}}$	sample $x_2(\text{ind})$
E349-31	1.05	.05	5.55			25	(1)		123i
SCLDIG, -07-01-009	.07 1.04	.05	1.5 6.74			34 37			.155
N55	2.51	.01	2679.	93.5	(2)	156	(2)	IRAS00125-3928	123i
E293-50, -07-01-013	.76 2.51	.02	199.0 9.42	110		190 178	(3)	-8.33 4.953	.076
I10	1.80	.02	950.4	63.8	(4)	63	(10)	IRAS00177+5900	123i
U192, 10-01-000	.09 2.13	.05	140.9 8.58	125		90 135	(11)	-8.63 5.086	
U288	1.11 .20 1.14	.07 .06	5.22 7.98			64 89:	(1)		123-
N147	2.12	.02	≤ 8.5						123i
U326, D3	.23	.04							
08-02-005	2.17		≤ 6.04						
A0032+36			$\leq .6$						123i
AND III			≤ 4.9						
N185	2.07	.02	1.7	60	(1)	40	(1)	IRAS00362+4803	123i
U396, 08-02-010	.07 2.19	.04	5.34	60		59: 58:		-10.38 2.803	
N205	2.34	.01	2.2	29	(1)	15	(1)	IRAS00376+4124	123i
U426, M110, 07-02-014	.30 2.27	.02	5.45	29		27:		-10.22 3.021	
A0039+40			25.						123i
AND IV			6.51						
N221	1.94	.02	≤ 17.8			42	(1)	IRAS00399+4035	123i
U452, M32, ARP168	.13	.02	≤ 6.36			61:		-9.86 3.457	
07-02-015	1.96								
N224	3.28	.01	34000.	260.7	(10)	506	(2)	several	123i
U454, M31, 07-02-016	.49 3.31	.02	1500. 9.64	310		531: 532:		-7.26 5.86:	
I1574	1.33	.04	8.5			45	(2)		123i
D226, UA9, E474-18	.44	.04	1.5			74	(2)		.303
-04-02-043	1.33		7.66			69			
A0043+37	1.4:		$\leq .65$						123i
AND I	.0:		≤ 4.92						
N247	2.33	.01	768.5	120.	(1)	202	(5)	IRAS00446-2101	123i
UA11, E540-22	.49	.02	39.7	120		223	(4)	-9.98	.153
-04-03-005	2.34		9.62			221		4.957	
N253	2.44	.01	1639.	197.5	(2)	405	(5)	several	123i
UA13, E474-29	.61	.01	268.	205		437	(4)	-7.25	.206
-04-03-009	2.45		9.95			436		7.50:	

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
Name	α	δ	v_{\odot}	v_{LG1}	group	i	B_T	$B_T(0,i)$	$(B-V)_T$	$(U-B)_T$
Alternate names	l	b	Δv	v_{LG2}	Θ	A_g	m_B	M_B	$(B-V)_T^0$	$(U-B)_T^0$
	L	B		v_{LG3}	x_2	A_i		type, Δ type		
E540-31	0047.4	-2117	+301	+370	B7b	65	15.19	14.84	.43	-.06
D6, UA15	119.39	-83.88	5	+351	170.15	.07	15.40	-13.6	.32	-.14
-04-03-019	275.8	-4.4		+329	.220	.28		10.0	.6	
N292	0051.0	-7306	+158	-24	LG	63	2.70	2.28	.45	-.20
SMC, A0051-73, E29-21	302.8	-44.30	4	-33	119.78	.18		-17.4	.36	-.27
	224.2	-14.8		-22	.004	.24		9.0	.3	
N300	0052.6	-3758	+141	+124	B7a	43	8.72	8.49	.59	.11
E295-20, -06-03-005	299.18	-79.42	4	+106	154.31	.02	9.00	-18.1	.56	.09
	259.8	-9.5		+93	.094	.21		7.0	.3	
E351-30	0057.8	-3359	+196	+197	LG	36	10.50	9.70		
SCL, A0057-33	287.54	-83.16	30	+178	157.75	.02	8.78	-10.0:		
-06-03-015	264.0	-9.7		+162	.004	.00		-5		
N337A	0059.0	-0751	+413	+542	field	40	12.7	12.20	.53	-.13
-1-03-065	130.37	-70.31	83	+520	170.18	.35		-17.4	.42	-.21
	289.6	-3.6		+490	.388	.15		8.0	.4	
E295-29	0100.2	-3920	+185	+158	B7a			15.31		
	292.66	-77.84		+139	152.55	.02	15.38	-11.2		
	258.7	-11.3		+127	.094	.05		5.6	1.7	
A0101+21	0101.2	+2137	-280	-41	LG	50				
LGS3	126.75	-40.90	8	-59	144.26	.10		-9:		
	318.1	+3.8		-98	.038			10		
E352-2	0102.2	-3355	+32	+32	LG			13.55		
	280.38	-82.89	60	+12	157.44	.02	14.06	-7.9		
	264.2	-10.6		-5	.009	.49		10:		
I1613	0102.2	+0152	-235	-66	LG	22	9.88	9.82	.67	
U668, D8, 00-03-070	129.79	-60.56	5	-87	162.48	.02	9.8	-14.8	.65	
	299.2	-1.8		-122	.039	.04		10.0	.3	
U685	0104.7	+1625	+155	+377	field			13.97		
	128.43	-46.02	10	+357	148.99	.11	14.23	-14.9		
	313.3	+1.6		+318	.277	.15		9.0	.8	
A0106+21	0106.3	+2139	-326	-89	LG					
	128.31	-40.77		-108	143.89	.20				
	318.5	+2.7		-148	.039::			10		
N404	0106.7	+3527	-45	+225	field		11.21	10.99	.94	.27
U718, 06-03-070	127.04	-27.01	15	+208	130.55	.24	11.23	-17.5	.89	.22
	331.9	+6.2		+168	.226	.00		-3.0	.3	
A0107+01	0107.4	+0152	-230	-63	LG					
	132.35	-60.40		-85	161.78	.02				
	299.5	-3.0		-120	.039::					
AND II	0113.5	+3309			LG			13.8		
	128.87	-29.17			132.42	.15		-10.5		
	330.0	+4.3			.034			-5		
N598	0131.0	+3024	-181	+68	LG	56	6.27	5.75	.55	-.10
U1117, M33, 05-04-069	133.61	-31.33	2	+48	133.77	.19	6.21	-19.0	.46	-.16
	328.5	-.1		+5	.041	.33		6.0	.3	
N625	0132.9	-4141	+395	+344	field	66	11.71	11.19	.56	-.07
E297-05, -07-04-017	273.67	-73.12	12	+323	147.73	.03	11.64	-17.5	.45	-.18
	257.3	-17.7		+308	.250	.49		9.0	.5	
E245-05	0143.0	-4351	+394	+328	field	35	12.7	12.67	.45	-.25
-07-04-032	273.08	-70.29	5	+307	144.92	.03	12.75	-15.9	.43	-.27
	255.1	-19.7		+293	.242	.05		10.0	.5	

(1)	(12)	(13)	(14)	(15)	(16)	(17)			
Name Alternate names	$\log D_{25}$ $\log R_{25}$ $\log D_0$	ϵ ϵ	S ΔS $\log M_{\text{HI}}$	V_{max} max V_{max}	(n)	ΔV_{50} ΔV_{20} $\Delta V_{0,i}$	(n)	IRAS source $\log F_{\text{IR}}$ $\log M_{\text{dust}}$	sample $x_2(\text{ind})$
E540-31	1.23	.04	4.5			27	(2)		123i
D6, UA15	.37	.04	.4			44	(2)		.259
-04-03-019	1.24		7.38			35			
N292	3.50	.02	898950.	36	(1)	42	(2)	several	123i
SMC, A0051-73, E29-21	.23	.04	139867.	36		61:		-6.39	
	3.52		9.20			54:		4.88 :	
N300	2.34	.01	2037.	97.0	(4)	144	(4)	IRAS00523-3756	123i
E295-20, -06-03-005	.15	.02	185.	140		168	(4)	-9.57	.081
	2.35		9.30			228		4.578	
E351-30	2.60	.02	≤ 1.29						123i
SCL, A0057-33	.11	.04							
-06-03-015	2.57		≤ 3.36						
N337A	1.77	.03							--3-
-1-03-065	.12	.05				100	(1)		
						136			
E295-29	.90	.07							123i
	.03	.06							.106
	.90								
A0101+21			1.36			34	(1)		123i
LGS3			.23			44	(2)		
			5.34			41			
E352-2	1.10	.05						IRAS01021-3355	123i
	.35	.05						-10.41	
	1.10							1.281	
I1613	2.21	.01	465.9	30	(1)	25	(3)	IRAS01025+0153	123i
U668, D8, 00-03-070	.05	.03	91.4	30		40	(3)	-10.17	
	2.22		7.90			73:		2.791	
U685	1.08	.05	9.9						123i
	.14	.05				91	(1)		
	1.09		7.93						
A0106+21			3.6			100	(1)		123i
			5.78			125:			
N404	1.54	.02	42.4			80	(1)	IRAS01066+3527	123i
U718, 06-03-070	.00	.03				105:		-9.87	
	1.57		8.38					4.472	
A0107+01			.70						123i
			5.07			47	(1)		
AND II									123i
N598	2.85	.01	12200.	101.4	(8)	164	(4)	several	123i
U1117, M33, 05-04-069	.23	.02	660.5	110		180	(3)	-7.53	
	2.87		9.36			202		5.88:	
N625	1.76	.02	35.1	46	(1)			IRAS01329-4141	123i
E297-05, -07-04-017	.48	.03	4.0	46		107	(2)	-9.53	
	1.13		8.39			103		4.705	
E245-05	1.56	.03	80.3	116	(1)				123i
-07-04-032	.06	.05	4.0	116		84	(3)		
	1.56		8.72			124			

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
Name Alternate names	α l L	δ b B	v_{\odot} Δv	v_{LG1} v_{LG2} v_{LG3}	group Θ x_2	i A_g A_i	B_T m_B	$B_T(0, i)$ M_B type, Δ type	$(B - V)_T$ $(B - V)_T^0$	$(U - B)_T$ $(U - B)_T^0$
U1281 05-05-014	0146.6 136.87 331.4	+3221 -28.70 -2.6	+158 5	+404 +383 +338	field 130.62 .320	82 .15 .93	12.87	11.79 -17.4 8.0 .7		
PHE	0149.0 272.49 254.1	-4452 -68.82 -20.9			LG 143.46 .023					
N784 U1501, 05-05-045	0158.4 140.90 328.8	+2836 -31.58 -6.3	+198 3	+429 +405 +359	field 132.66 .335	79 .23 .79	12.23 11.91	11.21 -18.1 7.5 .5	.49 .31	
A0232+59 MAFFEI I, UA34	0232.6 135.84 359.3	+5926 -.57 +1.5	-10 50	+253 +240 +199	B1 103.12 .225	36 6.6 .00	11.4V:	-20.6:: -3.0 .8		
E115-21 A0236-61	0236.6 282.78 235.2	-6133 -51.44 -26.0	+513 10	+352 +334 +331	field 126.00 .287	90 .01 1.06	13.26	12.19 -16.8 8.0 1.0		
E356-04 FOR, A0237-34 -06-07-001	0237.8 237.29 265.3	-3444 -65.65 -30.3	+45 5	-6 -33 -59	LG 142.95 .007	50 .03 .00	9.04 8.25	9.01 -11.9 -5		
UA39 MAFFEI II	0238.1 136.50 359.6	+5923 -.33 +.8	-4 9	+257 +243 +203	B1 102.78 .225	66 8.1 .00		-22.5:: 4.0 .7		
E416-12	0241.5 230.90 268.3	-3209 -65.20 -31.1	0 60	-41 -70 -98	LG 143.38 .03	.03 14.49		13.86 5.0 .6		
E154-23	0255.3 271.81 241.8	-5446 -54.31 -30.2	+578 4	+435 +413 +403	field 128.99 .347	81 .00 .70	12.8 12.40	12.10 -17.3 10	.36 .21	-.08 -19
N1156 U2455	0256.8 156.32 331.2	+2502 -29.20 -19.6	+374 3	+559 +530 +479	field 126.94 .447	42 .71 .10	12.32 12.00	11.51 -18.4 10.0 .3	.58 .38	-.19 -33
U2684	0317.6 166.32 326.2	+1707 -32.75 -27.7	+350 7	+494 +462 +410	field 127.83 .391	60 .42 .22		14.8: -14.8 10.0 1.6		
N1313 E082-11	0317.6 283.36 228.0	-6641 -44.64 -28.2	+471 5	+280 +263 +263	field 119.21 .235	40 .04 .16	9.2 9.57	9.00 -19.5 7.0 .3	.49 .46	-.24 -26
N1298 U2683, 00-08-062	0317.8 184.27 305.3	-0216 -46.45 -35.4	+300	+366 +332 +285	field 135.94 .272	25 .20 .00	14.95 13.72	14.75 -14.1 -3.5 .8	.94 .83	.43 .42
A0318+4038 U2689	0318.1 151.23 347.5	+4038 -13.68 -14.9	+277 10	+491 +467 +417	field 113.07 .421	.80 .00	16.0:	15.2: -14.6: -2.0 1.6		
N1311 E200-07	0318.6 265.30 243.2	-5222 -52.66 -34.2	+570 20	+425 +402 +389	field 127.62 .341	81 .00 .67		9		
U2716	0321.3 166.78 327.1	+1735 -31.82 -28.2	+381 4	+524 +491 +439	field 126.82 .415	.45 .30	14.82	14.07 -15.7 8.0 1.1		
I342DW5	0326.6 137.9 8.4	+6620 +8.40 +.4			B1 93.93 .225			-14.3 10		

(1)	(12)	(13)	(14)	(15)	(16)	(17)		
Name	$\log D_{25}$	ϵ	S	V_{\max}	ΔV_{50}	IRAS source		
Alternate names	$\log R_{25}$	ϵ	ΔS	max V_{\max}	ΔV_{20}	$\log F_{\text{IR}}$		
	$\log D_0$		$\log M_{\text{HI}}$		$\Delta V_{0,i}$	$\log M_{\text{dust}}$		
U1281	1.65	.03	38.8		117	(1)	123i	
05-05-014	.76	.05	4.3		135	(4)		
	1.67		8.64		124			
PHE							123i	
N784	1.82	.02	72.4		98	(1)	IRAS01584+2836	
U1501, 05-05-045	.64	.03	8.0		121	(3)	-10.41	
	1.84		8.96		110		4.350	
A0232+59	.78:		≤ 1.0	130	(1)		IRAS02329+5926	
MAFFEI I, UA34	.08	.18		130			-9.43	
	1.62		≤ 6.75				5.751	
E115-21	1.87	.03	96.0		115	(1)	123i	
A0236-61	.87	.05	8.0		140:			
	1.87		8.94		127:			
E356-04	2.80	.01	≤ 1.05				123i	
FOR, A0237-34	.13	.03						
-06-07-001	2.76		≤ 3.76					
UA39	1.00:		296.	172.8	(4)	250	(1)	123i
MAFFEI II	.00:		31.	230		275:		.237
			9.22			301:		
E416-12	1.20	.04					123i	
	.40	.03						
	1.21							
E154-23	1.93	.02	141.0				IRAS02554-5445	
	.68	.05	6.5		143	(3)	-10.55	
	1.93		9.28		132		4.272	
N1156	1.52	.02	76.4		66	(2)	IRAS02567+2502	
U2455	.13	.03			108	(3)	-9.51	
	1.58		9.23		143		5.389	
U2684	1.26	.06	10.7		81	(2)	123-	
	.29	.06	.8		96	(4)		
	1.30		8.26		96			
N1313	1.96	.02	453.1	135	(1)	161	(2)	IRAS03176-6640
E082-11	.12	.02	18.3	135		200	(3)	-8.63
	1.96		9.44			292		5.67:
N1298	1.20	.08	≤ 9.0				IRAS03177-0215	
U2683, 00-08-062	.07	.05					-10.45	
	1.21		≤ 7.87				4.107	
A0318+4038	1.18	.15					123-	
U2689	.17	.08						
	1.24							
N1311	1.45	.03					123-	
E200-07	.54	.03						
U2716	1.20	.05					-23-	
	.25	.05						
	1.25							
I342DW5							IRAS03266+6619	
							-9.98	
							4.598	

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
Name Alternate names	α l L	δ b B	v_{\odot} Δv	v_{LG1} v_{LG2} v_{LG3}	group Θ x_2	i A_g A_i	B_T m_B	$B_T(0,i)$ M_B type, Δ type	$(B-V)_T$ $(B-V)_T^0$	$(U-B)_T$ $(U-B)_T^0$
I342DW6	0327.8 137.09 9.7	+6756 + 9.78 +1.3			B1 92.70 .225			-12.5 10		
I1947 E200-30	0329.0 261.42 244.6	-5030 -51.96 -36.5	+9 88	-134 -159 -174	LG 127.16	.00	15.50 15.50		.71	
I342DW7 K37	0329.2 137.20 9.8	+6756 +9.86 +1.2			B1 92.61 .225			-13.5 10		
I1959 E200-39, A0331-50	0331.7 261.28 244.3	-5035 -51.54 -36.8	+639 20	+494 +470 +455	field 126.75 .398	89 .00 .64	13.2 13.22	12.58 -17.1 9.0 1.2	.36 .22	
I342DW8	0333.7 137.86 9.7	+6726 + 9.70 + .6			B1 92.66 .225			-13.9 10		
I342DW10	0335.5 138.52 9.2	+6633 + 9.10 - .1			B1 93.15 .225			-12.8 10		
N1400 E548-62, -03-10-022	0337.3 209.70 285.4	-1851 -50.57 -43.4	+524 31	+504 +469 +430	field 133.55 .386	28 .14 .00	11.92 12.09	11.78 -17.8 -3.0 .3	.96 .92	.56 .53
I342DW12	0338.4 137.80 10.5	-6806 +10.51 + .7			B1 91.87 .225			-12.4 10		
I342 U2847, 11-05-003	0342.0 138.17 10.6	+6756 +10.58 + .4	+34 5	+279 +268 +231	B1 91.74 .225	27 3.05 .01	9.10 9.10	6.04 -22.4 6.0 .3		
I342DW17	0347.3 136.61 13.1	+7057 +13.21 + 2.2			B1 89.39 .225			-12.0 10		
I342DW19	0353.4 138.21 12.2	+6908 +12.17 + .5			B1 90.17 .225			-12.7 10		
U2905	0354.2 174.31 330.8	+1623 -27.31 -35.5	+292 4	+405 +371 +318	field 120.55 .326	1.06 .14	15.31	14.11 -15.1 10.0 1.3		
UA86 VII ZW009 A0355+66, 11-05-000	0335.0 139.77 10.8	+6659 +10.64 - 1.2	+80 6	+320 +309 +270	B1 91.42 .225	30 3.27 .05		-15.1 10.0 1.8		
I342DW23	0400.4 140.09 11.3	+6707 +11.09 - 1.4			B1 90.93 .225			-12.8 10		
I342DW24	0402.5 139.45 12.2	+6816 +12.07 - .7			B1 90.06 .225			-12.8 10		
I2038 E157-01	0407.8 266.34 234.9	-5608 -44.60 -38.9	+712	+532 +510 +499	field 119.53 .444	.00 .86	15.50 14.82	14.64 -15.3 7.0 1.2	.74 .62	

(1)	(12)	(13)	(14)	(15)	(16)	(17)			
Name	$\log D_{25}$	ϵ	S	V_{\max}	ΔV_{50}	IRAS source			
Alternate names	$\log R_{25}$	ϵ	ΔS	max V_{\max}	ΔV_{20}	$\log F_{\text{IR}}$			
	$\log D_0$		$\log M_{\text{HI}}$		$\Delta V_{0,i}$	$\log M_{\text{dust}}$			
				(n)	(n)				
					(n)	sample			
						x_2 (ind)			
I342DW6						IRAS03277+6755 -10.18 4.414	123i		
I1947	.73	.06				IRAS03291-5028	123i		
E200-30	.10	.05				-10.11			
	.73								
I342DW7							123i		
K37									
I1959	1.45	.04				IRAS03317-5034	123-		
E200-39, A0331-50	.63	.05				-10.50 4.357			
	1.45								
I342DW8						IRAS03337+6729 -10.08 4.508	123i		
I342DW10						IRAS03354+6633 -9.88 4.949	123i		
N1400	1.36	.02	≤ 3.04			IRAS03372-1850	-23-		
E548-62, -03-10-022	.06	.02				-10.25 4.838			
	1.37		≤ 7.70						
I342DW12							123i		
I342	2.33	.02	4906.	164.8	(5)	153	(4)	IRAS03419+6756	123i
U2847, 11-05-003	.01	.03	415.	192		192	(2)	-7.78	.271
	2.65		10.44			395::		6.99:	
I342DW17									123i
I342DW19									123i
U2905	.96	.07							123i
	.19	.05							
	1.06								
UA86	.90	.22	764	70.	(1)	83	(1)	IRAS03550+6657	123i
VII ZW009	.06	.18	258.	70		175	(3)	-9.56	.312
A0355+66, 11-05-000	1.21		9.63			325::		5.603	
I342DW23									123i
I342DW24									123i
I2038	1.24	.04	≤ 29.8						- -3-
E157-01	.62	.04							
	1.24		≤ 8.81						

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
Name	α	δ	v_{\odot}	v_{LG1}	group	i	B_T	$B_T(0,i)$	$(B-V)_T$	$(U-B)_T$
Alternate names	l	b	Δv	v_{LG2}	Θ	A_g	m_B	M_B	$(B-V)_T^0$	$(U-B)_T^0$
	L	B		v_{LG3}	x_2	A_i		type, Δ type		
N1533	0408.8	-5615	+706	+525	field	30	11.70	11.70	.98	.49
E157-03	266.45	-44.42	30	+502	119.34	.00	11.83	-18.2	.97	.49
	234.6	-38.9		+493	.438	.00		-3.0	.7	
N1569	0426.1	+6444	-91	+136	B1	64	11.86	9.45	.83	-.14
U3056, VII ZW016	143.68	+11.24	4	+123	90.16	2.18	11.9	-19.0		
ARP210, 11-06-001	11.9	-4.9		+83	.225	.23		10.0	.4	
N1560	0427.1	+7146	-41	+194	B1	90	12.16	10.45	.72	.00
U3060, I2062	138.37	+16.02	8	+185	86.34	.67	11.8	-18.0	.43	-.21
12-05-005	16.0	+ .8		+151	.225	1.04		7.0	.3	
UA92	0427.4	+6330	-99	+125	B1	60				
11-06-000	144.71	+10.51	6	+112	90.69	2.43		-14.6		
	11.3	- 6.0		+71	.225	.23		10.0	1.8	
N1705	0453.1	-5326	+640	+445	field	49	12.77	12.58	.38	-.45
E158-13	261.08	-38.74	20	+421	114.03	.19	12.80	-17.0	.32	-.48
	231.8	-45.5		+409	.379	.00		-3.0	.6	
E056-19	0453.8	-7041	+273	+45	LG			13.6:		
	282.23	-35.16		+30	109.72	.48	14.08	-10.4:		
	217.9	-32.1		+33	.029					
UA105	0509.6	+6230	+112	+319	B1	50		12.27		
10-08-000	148.53	+13.66	4	+304	86.88	1.48	13.9	-16.2		
	15.0	- 9.3		+264	.225	.15		10.0	1.3	
U3303	0522.3	+0427	+521	+514	field	41		16.::		
01-14-000	198.57	-16.93	3	+478	104.18	.62		-13.9.:		
	336.8	-59.9		+430	.448	.09		10.0	1.3	
E056-115	0524.0	-6948	+278	+42	LG	28	.91	.57	.51	.00
LMC, A0524-69	280.46	-32.89	2	+27	107.44	.27		-18.5	.43	-.06
	215.8	-34.1		+30	.003	.07		9.0	.3	
A0542+05	0542.4	+0502	+360	+339	field	60		12.2.:		
	200.62	-12.30	3	+304	99.19	2.20		-16.9.:		
	345.3	-63.0		+257	.298					
A0554+07	0554.8	+0729	+427	+406	field			16.::		
	200.01	- 8.40		+372	95.59			-13.5.:		
	353.9	-62.8		+325	.367					
U3476	0627.2	+3320	+469	+536	field			12.44		
	180.77	+10.50	4	+510	82.46	2.05	14.9	-17.8		
	19.7	-40.6		+465	.517	.41		10.0	1.3	
CAR	0640.4	-5055	+229	-14	LG			11.::		
	260.11	-22.22	60	-36	97.66	.11		-10.2.:		
	210.1	-54.6		-45	.008:	.00		-5		
U3600	0651.2	+3909	+398	+476	field	66		14.75		
	177.30	+17.29	5	+454	76.81	.62		-15.3		
	26.4	-35.2		+411	.469	.28		10.0	1.3	
K49	0702.7	+7157			B2					
	143.31	+27.00			74.73			-11.6:		
	27.5	- 2.4			.209			-5		
A0704-58	0704.5	-5827	+554	+293	field			12.4:		
	268.96	-21.15		+275	95.99	.37		-16.2:		
	204.5	-47.1		+274	.274	.33		9.0	.7	

(1)	(12)	(13)	(14)	(15)	(16)	(17)			
Name	$\log D_{25}$	ϵ	S	V_{\max}	(n)	ΔV_{50}	(n)	IRAS source	sample
Alternate names	$\log R_{25}$	ϵ	ΔS	max V_{\max}		ΔV_{20}	(n)	$\log F_{\text{IR}}$	$x_2(\text{ind})$
	$\log D_0$		$\log M_{\text{HI}}$			$\Delta V_{0,i}$		$\log M_{\text{dust}}$	
N1533	1.44	.03	87.5					IRAS04088-5614	--3-
E157-03	.07	.03	6.5			320	(1)		
	1.43		9.27			615::			
N1569	1.56	.02	74.	40	(1)	72.	(1)	IRAS04260+6444	123i
U3056, VII ZW016	.31	.02	8.	40		90	(2)	-8.66	.127
ARP210, 11-06-001	1.76		8.62			86		5.268	
N1560	1.99	.01	443.			122	(2)	IRAS04271+7146	123i
U3060, I2062	.76	.03	127.			160	(2)	-9.98	.191
12-05-005	2.06		9.40			147		4.767	
UA92	1.30:		104.7			80	(1)	IRAS04275+6330	123i
11-06-000	.30:		1.4			94	(1)	-10.25	.115
	1.53		8.77			94		4.515	
N1705	1.28	.03						IRAS04531-5326	123-
E158-13	.13	.04						-10.26	
	1.28							4.330	
E056-19	1.33	.06						IRAS04538-7040	123i
	.32	.06						-10.01	
	1.37							2.833	
UA105	1.74	.07	218.6			126	(2)	IRAS05095+6230	123i
10-08-000	.20	.18	3.6			136	(3)	-10.29	.311
	1.88		9.09			161		4.705	
U3303	1.56	.04	36.6			162	(3)		-23-
01-14-000	.12	.06				176	(5)		
	1.62		8.91			249			
E056-115	3.81	.05	1044400.	29	(1)	50	(1)	several	123i
LMC, A0524-69	.07	.04	120500.	29		50	(1)	-5.30	
	3.84		9.02			80::		5.72:	
A0542+05			77.8			115	(1)	IRAS05422+0508	123i
			3.9			140	(1)	-10.10	
			8.89			147		5.041	
A0554+07	1.60:		4.24			53	(1)		123-
	1.60:		7.80			75:			
U3476	1.00	.08							--3-
	.55	.06							
	1.19								
CAR	2.37	.02							123i
	.18	.06							
	2.33								
U3600	1.04	.15	6.1			97	(1)		123-
	.37	.12	2.0			116	(1)		
	1.10		8.17			113			
K49									123i
A0704-58	1.54	.05							123i
	.32	.08				96	(1)		
	1.57								

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
Name Alternate names	α l L	δ b B	v_{\odot} Δv	v_{LG1} v_{LG2} v_{LG3}	group Θ x_2	i A_g A_i	B_T m_B	$B_T(0, i)$ M_B type, Δ type	$(B - V)_T$ $(B - V)_T^0$	$(U - B)_T$ $(U - B)_T^0$
U3698	0705.7 172.96 29.4	+4428 +21.62 -29.8	+426 10	+519 +500 +460	field: 73.72 .518	50 .44 .14		15.05: -15.2 10.0 1.3		
N2337 U3711, 07-15-010	0706.6 172.95 29.6	+4432 +21.80 -29.7	+434 5	+527 +508 +468	field: 73.55 .526	35 .40 .10	12.95	12.45 -17.8 10.0 .7		
U3755	0711.1 206.02 36.8	+1036 + 9.71 -63.4	+319 6	+255 +227 +189	field 76.54 .235	.71 14.1 .18		13.21 -15.3 10.0 .8		
U3817 08-14-000	0719.1 172.94 32.0	+4512 +24.11 -28.9	+438 5	+527 +510 +472	field 71.32 .530	60 .36 .22		10.0 1.1		
N2363 U3847	0723.1 146.46 29.4	+6917 +28.49 - 4.9	+17 20	+200 +194 +163	B2 72.73 .209			-13.6 10		
N2366 U3851, D42, 12-07-040	0723.6 146.43 29.5	+6918 +28.53 - 4.9	+101 4	+284 +278 +257	B2 72.69 .209	62 .18 .29	11.43 11.67	10.96 -17.3 10.0 .3	.58 .45	
U3860 D43, 07-16-003	0724.8 177.81 34.0	+4052 +23.93 -33.0	+354 3	+421 +402 +364	field 70.28 .417	45 .23 .13	15.07 15.1	14.71 -15.1 10.0 .8	.46 .36	-23 -30
UA133 D44	0729.2 149.09 30.3	+6700 +28.96 - 7.1			B2 71.72 .209	47 .18 .14		-12.9: -5		
E059-01	0731.3 279.77 202.2	-6805 -21.47 -37.2	+533 5	+263 +250 +258	field 96.02 .250	21 .67 .07	13.74	13.00 -15.7 10.0 .4		
N2403 U3918, 11-10-007	0732.0 150.57 30.8	+6543 +29.19 - 8.3	+132 2	+301 +292 +261	B2 71.29 .209	57 .17 .36	8.93 9.00	8.40 -19.9 6.0 .3	.47 .38	
U3966 D46, 07-16-011	0738.0 179.23 37.0	+4014 +26.17 -33.1	+362 3	+420 +402 +366	field 67.77 .416	24 .22 .01	13.9	13.67 -16.1 10.0 .8	.41 .35	-19 -23
U3974 D47, 03-20-010	0739.0 203.10 46.5	+1655 +18.54 -55.5	+268 4	+215 +191 +156	field 68.81 .193	40 .10 .02	13.6 13.5	13.48 -14.6 10.0 .4	.48 .45	-10 -12
K50	0748.4 155.48 33.5	+6131 +30.87 -12.0			B2 68.70 .209			-10.5 10		
U4115 02-21-000	0752.2 206.99 54.2	+1432 +20.90 -56.2	+338 7	+265 +242 +211	field 65.52 .244	58 .11 .19		13.78 -14.8 10.0 .8		
N2537 U4274, MARK86, ARP6 VV138, A0810+46 08-15-050	0810.2 173.82 41.5	+4609 +33.03 -25.8	+443	+515 +502 +470	field 62.54 .522	31 .16 .07	12.32 12.11	12.09 -18.2 9.0 .4	.63 .57	-14 -18
U4305 D50, HO II, ARP268 VII ZW223, 12-08-033	0813.9 144.28 33.3	+7052 +32.69 - 2.4	+158 2	+337 +333 +305	B2 68.98 .209	35 .10 .08	11.10 10.9	10.92 -17.4 10.0 .3	.44 .39	

(1)	(12)	(13)	(14)	(15)	(16)	(17)			
Name Alternate names	$\log D_{25}$ $\log R_{25}$ $\log D_0$	ϵ ϵ	S ΔS $\log M_{\text{HI}}$	V_{max} max V_{max}	(n)	ΔV_{50} ΔV_{20} $\Delta V_{0,i}$	(n) (n)	IRAS source $\log F_{\text{IR}}$ $\log M_{\text{dust}}$	sample x_2 (ind)
U3698	1.00 .19 1.04	.16 .12				56 119 139	(1) (1)		-23-
N2337 U3711, 07-15-010	1.35 .13 1.39	.05 .06	42.0 9.11					IRAS07066+4432 -10.01 4.973	- -3-
U3755	1.22 .24 1.29	.05 .05	8.36 7.71			84 109:	(1)		123i
U3817 08-14-000	1.26 .29 1.29	.06 .06	10.20 8.50			50 59 54	(1) (3)		- -3-
N2363 U3847									123i .199
N2366 U3851, D42, 12-07-040	1.91 .39 1.92	.02 .02	297. 10.7 9.16	46 46	(1)	96 117 118	(6) (9)	IRAS07233+6917 -9.78 4.233	123i .287
U3860 D43, 07-16-003	1.12 .17 1.14	.05 .05	13.6 2.9 8.42			39 58 64	(2) (5)		123-
UA133 D44	1.48 .18 1.49	.10 .18							123i
E059-01	1.33 .10 1.39	.04 .05				104 255::	(2)		123i
N2403 U3918, 11-10-007	2.34 .25 2.36	.01 .02	1415.0 21.0 9.84	149 220	(8)	246 273 310	(5) (6)	IRAS07321+6543 -8.45 6.252	123i .301
U3966 D46, 07-16-011	1.24 .01 1.26	.06 .06	21.4 2.2 8.61			72 93 198::	(2) (3)		123-
U3974 D47, 03-20-010	1.49 .02 1.50	.04 .06	76.4 4.0 8.50	55 62	(2)	60 84 111	(3) (5)		123i
K50									123i
U4115 02-21-000	1.26 .25 1.27	.11 .12	23.0 2.8 8.18			92 120 127	(3) (4)		123i
N2537 U4274, MARK86, ARP6, VV138, A0810+46 08-15-050	1.24 .07 1.26	.02 .03	10.1 8.49			132:	(1)		- -3-
U4305 D50, HO II, ARP268 VII ZW223, 12-08-033	1.90 .10 1.91	.02 .03	359.7 13.4 9.24	94 130	(2)	63 79 116	(9) (9)	IRAS08140+7052 -10.13 4.244	123i .336

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
Name Alternate names	α l L	δ b B	v_{\odot} Δv	v_{LG1} v_{LG2} v_{LG3}	group Θ x_2	i A_g A_i	B_T m_B	$B_T(0,i)$ M_B type, Δ type	$(B-V)_T$ $(B-V)_T^0$	$(U-B)_T$ $(U-B)_T^0$
A0818+71 M81DWA	0818.0 143.82 33.5	+7112 +32.96 - 1.9	+116 2	+295 +292 +265	B2 67.82 .209	46 .09		18.8 -9.5: 10		
U4426 D52, 07-18-004	0825.1 179.15 46.1	+4201 +35.21 -28.5	+393 2	+440 +426 +397	field 59.15 .433	58 .13 .22	15.0	14.65 -15.2 10.0 .7	.43 .33	.33 .26
U4459 D53, VII ZW238 11-11-013	0829.6 149.30 36.3	+6621 +34.95 - 6.0	+19 7	+177 +172 +145	B2 65.91 .209	32 .10 .04	14.48 14.9	14.34 -13.9 10.0 .8	.35 .31	-.40 -.43
U4483 12-08-048	0832.2 144.96 35.0	+6957 +34.39 - 2.6	+157 3	+329 +325 +299	B2 66.95 .209	61 .15 .13		14.72 -13.6 10.0 1.2		
U4634	0848.5 140.13 34.5	+7344 +34.45 + 1.3			B2 67.92 .209			14.8: -13.5: 10.0 1.2		
N2683 U4641, 06-20-011	0849.6 190.46 55.9	+3336 +38.76 -33.4	+411 5	+406 +394 +369	field 52.90 .434	79 .08 .87	10.64 10.36	9.69 -20.2 3.0 .3	.89 .75	.27 .14
UA158 K53	0850.8 141.80 35.4	+7212 +35.15 .0			B2 66.97 .209			-12.4: -5		
E497-17 D56, UA148, -04-22-003	0907.5 250.65 134.8	-2248 +16.66 -57.5	+725 5	+472 +458 +454	field 60.16 .472	38 .84 .09	15.32 15.64	14.39 -15.7 10.0 .4	.86 .64	.55 .37
N2784 UA152, E497-23 -04-22-005	0910.1 251.97 136.7	-2358 +16.35 -56.7	+708 52	+451 +437 +434	field 60.27 .448	65 .79 .00	11.30 11.15	10.51 -19.4 -2.0 .3	1.14 .92	.72 .50
U4998	0920.8 145.08 39.6	+6816 +39.03 - 2.0			B2 62.65 .209	.17 .00	15.0	14.8: -13.5 -5		
N2915 E037-03	0926.5 291.97 197.4	-7624 -18.36 -26.1	+468 5	+192 +186 +204	field 93.20 .189	53 .56 .22	13.25 12.93	12.47 -15.6 9.0:	.57 .39	-.12 -.24
N2903 N2905, U5079, 04-23-009	0929.3 208.71 73.5	+2143 +44.54 -36.4	+556 2	+478 +469 +453	field 42.67 .427	56 .07 .47	9.68 9.60	9.14 -20.7 4.0 .3	.67 .59	.06 .00
U5086	0930.0 208.74 73.6	+2145 +44.69 -36.3	+448 10	+370 +361 +345	field 42.52 .317	0 .07 .00		15.4: -13.8: 10.0 1.2		
U5139 D63, HO I, K57 12-09-059	0936.0 140.73 38.8	+7125 +38.66 + 1.3	+140 3	+310 +310 +288	B2 63.69 .209	27 .06 .07	13.0 14.5	12.87 -15.4 10.0 .5		
BK1N	0941.0 142.40 40.2	+6937 +39.96 + .2			B2 62.16 .209			-12.0: 10		
U5209	0942.1 194.09 66.4	+3228 +49.51 -27.1	+546 4	+521 +515 +499	field 41.95 .473	.00 .00		10.0 .9		

(1)	(12)	(13)	(14)	(15)	(16)	(17)			
Name Alternate names	$\log D_{25}$ $\log R_{25}$ $\log D_0$	ϵ ϵ	S ΔS $\log M_{\text{HI}}$	V_{max} max V_{max}	(n)	ΔV_{50} ΔV_{20} $\Delta V_{0,i}$	(n) (n) (n)	IRAS source $\log F_{\text{IR}}$ $\log M_{\text{dust}}$	sample $x_2(\text{ind})$
A0818+71 M81DWA	1.26: .14: 1.26:		3.7 .5 7.25			23 38 35	(3) (2)		123i .299
U4426 D52, 07-18-004	1.30 .29 1.31	.04 .05	11.3 .8 8.37			84 111 116	(2) (3)		123-
U4459 D53, VII ZW238 11-11-013	1.19 .06 1.20	.05 .05	23.7 .8 8.06			30 46: 63:	(1)		123i .171
U4483 12-08-048	1.05 .17 1.06	.04 .04	3.1 .52 7.18			62 70 66	(2) (4)		123i .334
U4634	1.07 .00 1.08	.14 .12						IRAS08483+7340 -10.10 4.608	123i
N2683 U4641, 06-20-011	1.97 .63 1.98	.01 .02	74.4 10.0 9.19			389 440 435	(3) (4)	several -9.16 6.18:	123-
UA158 K53									123i
E497-17 D56, UA148, -04-22-003	1.11 .13 1.19	.04 .04	4.1 .1 8.01			80 84 116	(1) (1)		123-
N2784 UA152, E497-23 -04-22-005	1.74 .39 1.77	.02 .02	≤ 4.5 ≤ 8.00						123-
U4998	1.21 .29 1.23	.06 .06							123i
N2915 E037-03	1.28 .29 1.31	.03 .04	86.2 6.0 8.53	83 83	(1)	179 191 223	(1) (2)	IRAS09265-7624 -10.30 3.815	123i
N2903 N2905, U5079, 04-23-009	2.10 .32 2.10	.01 .02	256.9 11.7 9.72	207 207	(1)	372 393 459	(4) (8)	several -8.45 6.87:	123-
U5086	.96 .00 .97	.09 .06	≤ 3.65 ≤ 7.61			175 200:	(1)		123i
U5139 D63, HO I, K57 12-09-059	1.56 .09 1.57	.03 .05	49.0 2.6 8.38	103 185	(2)	26 45 71::	(8) (9)		123i .314
BK1N									123i
U5209	.96 .00 .96	.09 .06	1.64 7.61			68 93:	(1)		- -3-

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
Name Alternate names	α l L	δ b B	v_{\odot} Δv	v_{LG1} v_{LG2} v_{LG3}	group Θ x_2	i A_g A_i	B_T m_B	$B_T(0,i)$ M_B type, Δ type	$(B-V)_T$ $(B-V)_T^0$	$(U-B)_T$ $(U-B)_T^0$
N2976	0943.2	+6809	+9	+164	B2	59	10.82	10.20	.66	.00
U5221, 11-12-025	143.92 41.3	+40.90 - .8	5	+164 +143	61.00 .209	.11 .51	10.96	-18.1 5.0 .3	.57	-.07
BK2N	0943.7 142.37 40.5	+6931 +40.22 + .3			B2 61.91 .209			-10.3: -5		
U5247	0945.0	+6939	+143	+305	B2	62		13.4:		
12-10-005	142.13 40.5	+40.24 + .5	5	+305 +284	61.93 .209	.17 .42	14.0:	-14.9 8.0 .8		
K59	0947.4 139.13 38.9	+7219 +38.89 + 2.6			B2 63.70 .209		17.6:	17.5: -17.7 -5		
U5272	0947.4	+3143	+520	+490	field	67	14.46	14.11	.40	-.54
D64, 05-23-041	195.42 67.9	+50.56 -26.8	5	+484 +469	40.64 .433	.04 .31	14.1	-15.8 10.0 .8	.29	-.62
U5288	0948.6	+0804	+557	+408	field	49		13.84		
01-25-028	228.7 91.3	+43.25 -40.4	5	+400 +393	38.71 .342	.02 .23	14.09	-15.5 8.0 1.2		
BK3N	0949.7 142.32 41.1	+6912 +40.83 + .4			B2 61.32 .209		17.0:	16.97: -11.3 10		
A0951+68	0951.2	+6850	-83	+75	B2	69		14.6		
K61	142.62 41.4	+41.15 + .2	9	+75 +54	60.96 .209	.02 .00		-13.7 -5:		
N3031	0951.5	+6918	-34	+126	B2	55	7.89	7.39	.95	
U5318, M81, 12-10-010	142.09 41.1	+40.90 + .6	5	+126 +105	61.29 .209	.16 .34	7.92	-20.9 2.0 .3	.86	
N3034	0951.7	+6955	+204	+366	B2	84	9.30	8.86	.89	.31
U5322, M82, ARP337	141.41 40.7	+40.57 + 1.1	20	+367 +346	61.71 .209	.13 .31	9.24	-19.4 pec	.79	.22
12-10-011										
K952+69	0953.4 141.72 41.1	+6931 +40.92 + .9			B2 61.32 .209			-12.3: 10		
U5336	0953.6	+6917	+45	+205	B2	73	14.3	14.07	.20	-.40
D66, HO IX, K62	141.96 41.3	+41.06 + .7	7	+205 +184	61.15 .209	.16 .07		-14.2 10.0 .7	.14	-.44
12-10-012										
U5340	0953.9	+2904	+503	+457	field	61	14.76	14.39	.28	-.30
D68, 05-24-004	199.89 71.2	+51.61 -27.5	4	+453 +440	38.52 .392	.03 .34	14.1	-15.3 10.0 .7	.16	-.39
U5364	0956.5	+3059	+22	-14	LG	52	12.92	12.69	.33	-.19
D69, LEOA, LEO III	196.90 69.9	+52.41 -25.8	4	-18 -31	38.58 .073:	.07 .16	12.8	-13.3 10.0 .5	.26	-.24
05-24-008										
U5373	0957.4	+0534	+301	+138	field	45	11.85	11.68	.52	-.13
D70, SEXB, 01-26-005	233.20 95.5	+43.78 -39.6	2	+132 +128	37.13 .107	.05 .12	11.4	-15.1 10.0 .5	.47	-.17
N3077	0959.4	+6859	+11	+169	B2	38	10.61	10.32	.76	.14
U5398, 12-10-017	141.90 41.9	+41.66 + .8	5	+169 +149	60.57 .209	.23 .06	10.79	-18.0 pec	.69	.09

(1)	(12)	(13)	(14)	(15)	(16)	(17)			
Name	$\log D_{25}$	ϵ	S	V_{\max}	(n)	ΔV_{50}	(n)	IRAS source	sample
Alternate names	$\log R_{25}$	ϵ	ΔS	max V_{\max}		ΔV_{20}	(n)	$\log F_{\text{IR}}$	$x_2(\text{ind})$
	$\log D_0$		$\log M_{\text{HI}}$			$\Delta V_{0,i}$		$\log M_{\text{dust}}$	
N2976	1.77	.01	63.6			91	(1)	IRAS09431+6809	123i
U5221, 11-12-025	.34	.02	8.5			159	(2)	-9.15	.159
	1.78		8.49			171		5.314	
BK2N									123i
U5247	2.12	.02	3.3			72	(1)		123i
12-10-005	.34	.05	.5			105	(1)		.306
	2.13		7.20			105			
K59									123i
U5272	1.32	.03	17.4			87	(3)		123-
D64, 05-23-041	.42	.04	1.0			130	(4)		
	1.33		8.56			128			
U5288	1.10	.05	25.4			92	(2)	IRAS09483+0803	123-
01-25-028	.19	.05	.8			112	(4)	<-10.97	
	1.11		8.52			132		<4.18	
BK3N									123i
A0951+68	1.65:		10.6			35	(1)		123i
K61	.40:					52:			.071
	1.65:		7.71			43:			
N3031	2.43	.01	936.5	252	(3)	424	(2)	IRAS09514+6918	123i
U5318, M81, 12-10-010	.28	.02	43.8	260		464	(2)	-8.44	.121
	2.44		9.66			551		6.26:	
N3034	2.05	.01	271.4	200	(1)	166	(3)	IRAS09517+6954	123i
U5322, M82, ARP337	.42	.02	28.0	200		290	(2)	-7.23	.373
12-10-011	2.05		9.12			279		6.526	
K952+69									123i
U5336	1.40	.05	160.6			95	(2)		123i
D66, HO IX, K62	.09	.06				120:			.200
12-10-012	1.41		8.89			125:			
U5340	1.43	.05	31.2			82	(3)		123-
D68, 05-24-004	.45	.06	.7			106	(4)		
	1.43		8.73			107			
U5364	1.71	.02	68.4			29	(3)	IRAS09567+3100	123i
D69, LEOA, LEO III	.22	.05	2.4			51	(3)	-10.59	
05-24-008	1.72		7.61			49		2.875	
U5373	1.71	.02	106.2	66	(2)	40	(2)	IRAS09572+0534	123i
D70, SEXB, 01-26-005	.16	.04	10.1	90		62	(5)	<-10.88	
	1.71		8.13			70		<3.12	
N3077	1.73	.02	182.8			60	(4)	IRAS09592+6858	123i
U5398, 12-10-017	.08	.02				93	(3)	-9.10	.164
	1.75		8.95			131		5.048	

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
Name Alternate names	α l L	δ b B	v_{\odot} Δv	v_{LG1} v_{LG2} v_{LG3}	group Θ x_2	i A_g A_i	B_T m_B	$B_T(0,i)$ M_B type, Δ type	$(B-V)_T$ $(B-V)_T^0$	$(U-B)_T$ $(U-B)_T^0$
GARLAND	0959.7 141.92 41.9	+6856 +41.71 + .8	+43 30	+200 +201 +181	B2 60.52 .209			-13.4: 10		
UA193 A1000-05, -01-26-012	1000.2 245.66 109.9	-0546 +37.45 -43.0	+657 4	+446 +440 +440	field 40.57 .387	90 .06 1.38		12.9: -16.7: 7.0 .8		
BK5N	1000.7 142.31 42.3	+6830 +42.05 + .6			B2 60.13 .209			-10.5: -5		
N3109 D236, UA194, E499-36 -04-24-013	1000.8 262.09 137.9	-2555 +23.70 -45.1	+404 1	+130 +123 +131	field 52.40 .111	81 .16 .72	10.39 10.39	9.51 -17.4 9.0 .3		
U5428 D71	1001.3 144.13 43.5	+6648 +43.10 - .6			B2 58.82 .209			15.3: -13.0 -5:		
U5423 M81DWB, 12-10-021	1001.4 140.03 40.8	+7037 +40.80 + 2.1	+340 4	+505 +506 +486	field 61.69 .526	40 .20 .13	15.19	14.86 -15.4 10.0 .8		
A1001-27	1001.8 263.10 139.6	-2705 +22.31 -44.8	+361	+84 +78 +85	LG 53.06 .070			13.15:: -12.8:: 10.0 .5		
U5427	1001.8 199.38 71.9	+2936 +53.40 -25.8	+498 4	+454 +450 +439	field 37.04 .384	.04 .18	14.6	14.38 -15.2 3.0 .9		
N3115 -01-26-018	1002.7 247.78 112.4	-0729 +36.78 -42.9	+662 8	+444 +438 +440	field 40.84 .386	80 .10 .00	9.87 9.71	9.77 -19.8 -3.0 .3	.97 .92	.54 .50
U5439 SEXC	1003.0 214.15 102.5	+0019 +41.87 -40.4			field			15.5:: -5:		
U5442 K64	1003.2 142.59 42.7	+6804 +42.48 + .4			B2 59.66 .209	.12 .00		15.8: -12.5: -5		
-01-26-21	1003.2 248.12 112.8	-0744 +36.69 -42.8	+715 62	+496 +490 +492	field 40.87 .440	.18 .00	13.2	13.02 -16.9 -2.0 1.2	.73 .67	
U5456	1004.7 228.38 90.8	+1036 +47.95 -35.7	+535 4	+394 +390 +385	field 34.39 .317	61 .04 .46	13.72 13.52	13.22 -16.0 pec	.39 .32	-.23 -.28
U5470 LEO I, D74, K67 02-26-027	1005.8 225.98 88.9	+1233 +49.11 -34.6	+168 40	+36 +32 +27	LG 33.92 .009	.10 .00	11.18 10.1	11.08 -10.4 -5.0 .3		
D75 SEXA, UA205 -01-26-030	1008.5 246.17 109.0	-0428 +39.87 -40.7	+324 1	+117 +112 +113	field 38.13 .091	28 .07 .06	11.86	11.73 -14.7 10.0 .9	.39 .35	
A1010-01	1010.5 243.5 105.4	-0122 +42.27 -39.2			LG 36.32 .004			-8.:: -5		

(1)	(12)	(13)	(14)	(15)	(16)	(17)
Name	$\log D_{25}$	ϵ	S	V_{\max}	ΔV_{50}	IRAS source
Alternate names	$\log R_{25}$	ϵ	ΔS	$\max V_{\max}$	ΔV_{20}	$\log F_{\text{IR}}$
	$\log D_0$		$\log M_{\text{HI}}$		$\Delta V_{0,i}$	$\log M_{\text{dust}}$
GARLAND						123i .195
UA193	1.45	.03	21.4		130	(1) 123-
A1000-05, -01-26-012	1.02	.05	.4		146	(4)
	1.46		8.55		133	
BK5N						123i
N3109	2.28	.01	1876.7	63	112	(7) several 123i
D236, UA194, E499-36	.71	.02	110.1	90	135	(8) -9.68
-04-24-013	2.30		9.41		124	4.47:
U5428	.96	.09				123i
D71	.00	.06				
	.97					
U5423	.94	.09	2.3		48	(2) - -3-
M81DWB, 12-10-021	.18	.06	.8		80	(2)
	.96		7.85		105	
A1001-27	1.30	.06				123i
	.11	.08				
	1.32					
U5427	1.07	.06	2.64		90	(1) 123-
	.15	.05			115:	
	1.08		7.64			
N3115	1.86	.01	≤ 5.6			123-
-01-26-018	.47	.02			255::	(1)
	1.80		≤ 7.97		246::	
U5439	1.68:					123i
SEXC	.00:					
	1.68:					
U5442	1.26	.06				123i
K64	.29	.06				
	1.27					
-01-26-21	1.24	.07				123-
	.08	.05				
	1.25					
U5456	1.21	.05	2.92			IRAS10046+1036 123i
	.31	.05	.8			-10.49
	1.22		7.51			4.042
U5470	1.99	.02	≤ 6.3			123i
LEO I, D74, K67	.12	.04				
02-26-027	1.98		≤ 4.75			
D75	1.77	.02	208.8	60	53	(4) 123i
SEXA, UA205	.08	.02	69.6	60	64	(5)
-01-26-030	1.77		8.28		109::	
A1010-01						123i

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
Name	α	δ	v_{\odot}	v_{LG1}	group	i	B_T	$B_T(0, i)$	$(B - V)_T$	$(U - B)_T$
Alternate names	l	b	Δv	v_{LG2}	Θ	A_g	m_B	M_B	$(B - V)_T^0$	$(U - B)_T^0$
	L	B		v_{LG3}	x_2	A_i		type, Δ type		
D78	1022.8 141.14 44.1	+6755 +44.00 + 1.7			B2 58.39 .209				-12.4: -5	
U5658	1023.9 137.54 41.4	+7130 +41.57 + 4.1			B2 61.29 .209				-12.0: 10	
I2574	1024.7	+6840	+46	+201	B2	61	10.80	10.33	.44	
U5666, VII ZW330	140.20	+43.60	4	+203	58.92	.07	10.8	-18.0	.34	
D81, 12-10-038	43.6	+ 2.3		+185	.209	.40		9.0	.3	
U5672	1025.6 212.93 81.4	+2250 +57.33 -25.3	+531	+448 +448 +443	field 29.98 .351		14.48	13.70 -15.7		
U5692	1026.8	+7052	+40	+205	B2		13.47	13.13	.80	.07
D82	137.90 42.0	+42.18 + 3.8		+207 +189	60.64 .209	.07 .27	14.4	-15.2 9.0	.73	.00
N3274	1029.5	+2756	+538	+482	field	58	13.21	12.71	.39	-.14
U5721, 05-25-020	203.75 77.2	+59.21 -21.8	3	+482 +476	30.77 .382	.06 .44	13.17	-16.9 6.8	.31	-.20
BK6N	1031.0 142.05 45.9	+6616 +45.71 + 1.3			B2 56.59 .209				-11.4: -5	
E318-13	1045.4 278.04 153.1	-3835 +17.96 -34.4	+17 19	-283 -284 -266	LG 56.61	.27 1.17	15.02	13.58		
UA220	1046.0 141.73 47.8	+6459 +47.70 + 1.8			B2a 54.69 .489	47 .00 .12	16.9	16.78 -13.3 10.0	1.1	
U5918	1046.3	+6548	+338	+479	B2a	30	14.93	14.93	.54	.05
K72, VII ZW347	140.90	+47.12	3	+482	55.38	.00		-15.2	.54	.05
D87, 11-13-039	47.2	+ 2.2		+467	.489	.00		10.0	.6	
BK7N	1047.0 141.24 47.6	+6522 +47.49 + 2.1			B2a 54.97 .489		16.2	16.2 -13.9 10		
K73	1049.5 136.88 44.0	+6949 +44.23 + 4.8			B2 58.76 .209		15.6:	15.54: -12.7 10		
KKB1050+65	1050.5 140.69 47.7	+6531 +47.61 + 2.4			B2a 54.93 .489	.00			10	
BK8N	1051.1 140.67 47.7	+6528 +47.69 + 2.5			B2a 54.85 .489	.00	15.8:	15.8 -14.3 10		
KKB1051+65	1051.3 140.58 47.7	+6533 +47.65 + 2.5			B2a 54.90 .489	.00			10	
K74	1059.0 135.38 43.9	+7032 +44.13 + 5.8			B2 59.06 .209	.06 .00	17.3:	17.24 -11.0 -5:		

(1)	(12)	(13)	(14)	(15)	(16)	(17)			
Name Alternate names	$\log D_{25}$ $\log R_{25}$ $\log D_0$	ϵ ϵ	S ΔS $\log M_{\text{HI}}$	V_{max} max V_{max}	(n)	ΔV_{50} ΔV_{20} $\Delta V_{0,i}$	(n) (n) $\log F_{\text{IR}}$ $\log M_{\text{dust}}$	IRAS source	sample x_2 (ind)
D78									123i
U5658	1.00: .30: 1.00:								123i
I2574	2.12	.02	442.5	96	(2)	111	(6)	IRAS10251+6843	123i
U5666, VII ZW330	.39	.03	89.4	100		126	(4)	-9.67	.196
D81, 12-10-038	2.13		9.33			130		5.03:	
U5672	1.26 .52 1.26	.04 .05	2.74			102 127:	(1)		123-
U5692	1.51	.04							123i
D82	.26 1.52	.06							.202
N3274	1.33	.03	63.2			158	(1)	IRAS10294+2755	123-
U5721, 05-25-020	.32 1.34	.03	7.6 9.01			180 197	(4)	-10.26 4.477	
BK6N									123i
E318-13	1.35 .85 1.38	.04 .04							123i
UA220	1.23 .16 1.23	.14 .18							123-
U5918	1.38	.04	18.9			64	(2)		123-
K72, VII ZW347	.00	.05	1.9			80	(4)		
D87, 11-13-039	1.38		8.70			135::			
BK7N	1.32: .21: 1.32:								123-
K73	.78: .00: .78:								123i
KKB1050+65									123-
BK8N	1.48: .05: 1.48:								123-
KKB1051+65									123-
K74	.78: .00: .78:								123i

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
Name	α	δ	v_{\odot}	v_{LG1}	group	i	B_T	$B_T(0, i)$	$(B - V)_T$	$(U - B)_T$
Alternate names	l	b	Δv	v_{LG2}	Θ	A_g	m_B	M_B	$(B - V)_T^0$	$(U - B)_T^0$
	L	B		v_{LG3}	x_2	A_i		type, Δ type		
U6253	1110.8	+2226	+90	+5	LG		12.6	12.60	.59	
D93, LEOB, LEO II, K77	220.17	+67.23	40	+11	19.99	.00		-8.9	.59	
04-27-005	87.1	-16.3		+15	.009	.00		-5 .3		
N3621	1115.8	-3232	+726	+435	field	53	10.18	9.43	.62	-.08
UA232, E377-37	281.21	+26.10	5	+439	48.45	.42	9.56	-20.4	.47	-.19
-05-27-008	145.6	-28.6		+462	.419	.33		7.0 .3		
U6456	1124.6	+7916	-94	+107	field	55		14.10		
VII ZW403, 13-08-058	127.84	+37.33	5	+112	66.65	.10	14.50	-12.8		
	36.9	+11.4		+94	.111	.30		pec		
U6541	1130.8	+4931	+239	+299	B4	57	14.50	14.30	.35	-.30
MARK178, 08-21-053	151.90	+6327	10	+307	38.18	.00	13.97	-14.1	.28	-.35
	64.2	-.8		+303	.218	.20		10.0 .9		
N3738	1133.1	+5448	+229	+317	B4	40	12.13	12.04	.40	-.19
U6565, ARP234	144.56	+59.32	5	+324	43.01	.00	11.81	-16.3	.37	-.21
09-19-130	59.6	+1.8		+318	.218	.09		10.0 .3		
N3741	1133.4	+4534	+211	+251	B4		14.3	14.11	.30	-.34
U6572	157.56	+66.44	35	+259	34.35	.00	13.9	-14.3	.24	-.39
	68.0	-2.1		+257	.218	.19		10.0 .8		
U6782	1146.4	+2407	+526	+454	field	30	15.0	14.96	.57	-.15
D97, 04-28-057	222.60	+75.53	3	+465	14.39	.04		-14.2	.56	-.16
	88.8	-8.1		+475	.320	.00		10.0 .8		
U6817	1148.2	+3909	+248	+256	B4	64	13.4	13.09	.33	-.20
D99, 07-24-035	166.22	+72.74	3	+266	27.39	.00	14.3	-15.3	.23	-.27
	74.9	-2.1		+269	.218	.31		10.0 .7		
N4068	1201.5	+5252	+212	+294	B4	55		12.79		
U7047, 09-20-079	138.90	+63.04	2	+304	40.14	.00	13.0	-15.6		
	62.9	+4.9		+301	.218	.21		10.0 .5		
05-29-009	1202.8	+2839	+508	+463	field			15.33		
	203.35	+79.74		+476	16.47	.03	15.36	-13.9		
	85.8	-3.1		+487	.331	.00				
U7131	1206.7	+3111	+253	+222	field			14.36		
	188.18	+80.03	4	+236	18.67	.05	15.1	-13.5		
	83.7	-1.4		+246	.170	.69		8.0 1.2		
N4144	1207.5	+4644	+267	+318	B4	80	12.05	11.08	.43	-.17
U7151, 08-22-077	143.17	+69.01	2	+330	33.93	.00	12.13	-17.3	.30	-.26
	69.1	+3.8		+331	.218	.97		6.0 .4		
U7160	1207.6	+7042			B2					
K86	127.93	+46.30			57.76			-11.4::		
	46.0	+11.1			.209			10		
N4150	1208.0	+3041	+240	+207	B4	43	12.44	12.33	.80	.28
U7165, 05-29-029	190.45	+80.47	10	+221	18.10	.05	12.54	-16.0	.77	.26
	84.3	-1.3		+231	.218	.06		-2.0 .4		
N4163	1209.6	+3627	+165	+163	B4	22	14.5	14.47	.46	-.29
U7199, 06-27-026	163.20	+77.70	4	+176	23.70	.00	13.46	-13.9	.45	-.30
	78.9	+.9		+183	.218	.03		10.0 .5		
E321-14	1211.2	-3757	+613	+323	field			14.57		
	294.85	+24.05		+332	51.06	.37	15.21	-14.6		
	152.3	-17.6		+364	.313	.27		10.0 .5		

(1)	(12)	(13)	(14)	(15)	(16)	(17)			
Name Alternate names	$\log D_{25}$ $\log R_{25}$ $\log D_0$	ϵ ϵ	S ΔS $\log M_{\text{HI}}$	V_{max} max V_{max}	(n) (n)	ΔV_{50} ΔV_{20} $\Delta V_{0,i}$	(n) (n)	IRAS source $\log F_{\text{IR}}$ $\log M_{\text{dust}}$	sample $x_2(\text{ind})$
U6253	2.08	.02	≤ 1.05						123i
D93, LEOB, LEO II, K77	.04	.04							
04-27-005	2.07		≤ 3.98						
N3621	2.09	.01	778.5	163	(1)	267	(2)	IRAS11159-3235	123-
UA232, E377-37	.24	.02	67.7	163		293	(4)	-8.68	
-05-27-008	2.13		10.18			351		6.63:	
U6456	1.16	.07	14.6			50	(3)		123i
VII ZW403, 13-08-058	.24	.06	1.5			61	(2)		
	1.17		7.30			59			
U6541	1.09	.06	3.15			30	(1)		123i
MARK178, 08-21-053	.27	.05	.40			52	(3)		.256
	1.09		7.22			47			
N3738	1.40	.02	23.7			76	(2)	IRAS11330+5448	123i
U6565, ARP234	.12	.03	1.0			114	(5)	-9.96	.283
09-19-130	1.40		8.10			158		4.228	
N3741	1.31	.05						IRAS11332+4533	123i
U6572	.26	.06						< -10.98	.207
	1.31							< 3.42	
U6782	1.30	.04	7.7			86	(3)		123i
D97, 04-28-057	.00	.05	1.5			96	(3)		
	1.30		7.94			167::			
U6817	1.61	.04	38.6			37	(2)		123i
D99, 07-24-035	.42	.06	2.3			66	(3)		.202
	1.61		8.31			59			
N4068	1.52	.03	36.4			52	(2)	IRAS12012+5252	123i
U7047, 09-20-079	.28	.04	2.7			81	(4)	-10.75	.258
	1.52		8.28			84		3.891	
05-29-009	.80	.08							123-
	.22	.06							
	.77								
U7131	1.18	.05							123i
	.56	.05							
	1.19								
N4144	1.78	.02	55.1			134	(4)	IRAS12074+4644	123i
U7151, 08-22-077	.66	.03	4.0			171	(6)	-10.02	.265
	1.78		8.46			161		4.434	
U7160	1.00:								123i
K86	.00:								
	1.00:								
N4150	1.37	.03	≤ 5					IRAS12080+3040	123i
U7165, 05-29-029	.16	.03						-10.15	.159
	1.35		≤ 6.42					4.133	
N4163	1.26	.05	9.0			30	(2)	IRAS12093+3628	123i
U7199, 06-27-026	.05	.05	.5			53	(3)	< -10.85	.131
	1.26		7.68			108::		< 3.78	
E321-14	1.15	.05							123i
	.36	.05							
	1.18								

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
Name Alternate names	α l L	δ b B	v_{\odot} Δv	v_{LG1} v_{LG2} v_{LG3}	group Θ x_2	i A_g A_i	B_T m_B	$B_T(0, i)$ M_B type, Δ type	$(B - V)_T$ $(B - V)_T^0$	$(U - B)_T$ $(U - B)_T^0$
N4190	1211.2	+3655	+231	+231	B4	21	13.9	13.87	.58	.10
U7232, VV104	160.62	+77.59	3	+245	24.11	.00	13.24	-14.5	.57	.09
06-27-030	78.6	+ 1.3		+252	.218	.03		10.0 .6		
UA276	1212.4	+3630	+284	+282	B4	14		15.25::		
D113, K90	161.10	+78.06	3	+296	23.66	.00		-13.1::		
	79.1	+ 1.4		+304	.218	.00		10.0 .7		
N4214	1213.1	+3636	+290	+289	B4	38	10.24	10.16	.46	.43
U7278, 06-27-042	160.25	+78.08	2	+303	23.74	.00	10.18	-18.2		
	79.0	+ 1.6		+311	.218	.08		10.0 .3		
U7298	1214.0	+5230	+172	+254	B4	52		14.8		
09-20-137	135.22	+64.06	4	+265	39.56	.04		-13.6		
	63.9	+ 6.6		+264	.218	.24		10.0 1.2		
N4236	1214.4	+6945	0	+164	B2	74	10.05	9.40	.42	
U7306, 12-12-004	127.41	+47.36	3	+172	56.76	.06	10.33	-18.9	.31	
	47.1	+11.4		+161	.209	.59		8.0 .3		
N4244	1215.0	+3805	+242	+249	B4	86	10.88	9.50	.50	
U7322, 06-27-045	154.56	+77.16	4	+263	25.18	.00	10.57	-18.9	.32	
	77.7	+ 2.4		+271	.218	1.38		6.0 .3		
U7321	1215.0	+2249	+408	+336	field	90	14.15	12.72	.74	-.04
04-29-060	241.94	+81.05	3	+351	10.09	.05	13.9	-15.9	.51	-.24
	92.2	- 2.3		+367	.241	1.38		7.0 .8		
I3104	1215.7	-7927	+430	+160	field	62		12.85		
E020-04	301.41	-16.95	5	+160	92.46	.56	13.65	-14.9		
	195.8	-17.1		+185	.163	.24		10.0 1.0		
U7356	1216.7	+4722	+264	+320	B4	42		15.2		
08-22-105	138.45	+69.05	10	+333	34.41	.00		-13.2		
	69.0	+ 5.5		+335	.218	.03		10.0 1.7		
I779	1217.1	+3010	+333	+300	B4	0		14.62		
U7369	189.52	+82.48		+314	17.26	.08	14.7	-13.8		
	85.4	+ .4		+327	.218	.00				
I3247	1220.7	+2910	+525	+487	field	90		14.1::		
U7459	195.46	+83.53	9	+503	16.20	.00	15.6:	-15.3::		
	86.6	+ .8		+516	.348	1.5:		5		
I3308	1222.8	+2659	+333	+285	B4			14.34		
U7505	215.59	+84.16		+300	13.99	.08	15.41	-14.0		
	88.8	+ .6		+315	.218	.99		8.0 1.3		
N4395	1223.4	+3349	+317	+304	B4	40	10.64	10.55	.46	
U7524, 06-27-053	162.08	+81.54	4	+319	20.82	.01	10.7	-17.8	.44	
	82.3	+ 2.7		+331	.218	.08		9.0 .3		
N4401	1223.5	+3347	+294	+281	B4					
	162.10	+81.59		+296	20.78	.01				
	82.4	+ 2.8		+307	.218					
MARK209	1223.8	+4846	+281	+346	B5	27		14.94		
UA281, I ZW36	134.16	+68.08		+359	35.77	.00	15.15	-14.1		
HARO29, 08-23-035	67.9	+ 7.1		+361	.303	.21		pec:		
U7559	1224.6	+3725	+222	+228	B4	47	14.2	14.05	.34	-.35
D126, 06-27-055	148.62	+78.74	3	+243	24.42	.00	14.7	-14.3	.29	-.38
	78.9	+ 4.0		+252	.218	.15		10.0 .7		

(1)	(12)	(13)	(14)	(15)	(16)	(17)			
Name	$\log D_{25}$	ϵ	S	V_{\max}	(n)	ΔV_{50}	(n)	IRAS source	sample
Alternate names	$\log R_{25}$	ϵ	ΔS	max V_{\max}		ΔV_{20}	(n)	$\log F_{\text{IR}}$	$x_2(\text{ind})$
	$\log D_0$		$\log M_{\text{HI}}$			$\Delta V_{0,i}$		$\log M_{\text{dust}}$	
N4190	1.22	.04	21.2			46	(3)	IRAS12111+3654	123i
U7232, VV104	.04	.04	1.7			78	(3)	-10.57	.182
06-27-030	1.22		8.05			182::		4.010	
UA276	1.00	.10	26.1			45	(2)		123i
D113, K90	.00	.09	1.8			70	(2)		.219
	1.00		8.14			237::			
N4214	1.93	.01	368.8	94	(2)	61	(3)	IRAS12131+3636	123i
U7278, 06-27-042	.11	.02	14.5	118		88	(4)	-9.10	.224
	1.93		9.29			122		5.102	
U7298	1.10	.07	6.2			32	(2)		123i
09-20-137	.33	.06	.3			54	(3)		.222
	1.10		7.52			53			
N4236	2.34	.01	616.2	90	(2)	177	(1)	IRAS12140+6947	123i
U7306, 12-12-004	.48	.02	79.1	90		194	(3)	-9.59	.162
	2.34		9.48			189		5.11:	
N4244	2.22	.01	771.7	148	(3)	217	(5)	IRAS12150+3804	123i
U7322, 06-27-045	.94	.02	69.4	230		241	(3)	-9.47	.197
	2.22		9.61			229		5.27:	
U7321	1.74	.02	40.3			212	(2)		123i
04-29-060	1.19	.04	1.2			236	(5)		
	1.75		8.42			223			
I3104	1.58	.03	12.0			42	(1)		123i
E020-04	.32	.05	3.0			61:			
	1.63		7.55			55:			
U7356	.96	.09	45.7			78	(2)		123i
08-22-105	.03	.06	6.2			130	(2)		.269
	.96		8.38			175			
I779	.99	.06							123i
U7369	.00	.05							.223
	1.00								
I3247	1.38:		2.218			189	(1)		1 - -
U7459	1.08:		.36			237	(1)		
	1.38:		7.47			224			
I3308	1.13	.05							123i
U7505	.80	.05							.210
	1.14								
N4395	2.12	.01	317.2	90	(1)	107	(2)	IRAS12233+3348	123i
U7524, 06-27-053	.08	.02	16.1	90		136	(3)	-9.52	.231
	2.12		9.22			192		5.22:	
N4401									123i
									.215
MARK209	.92	.08	10.1			46	(3)		123i
UA281, I ZW36	.14	.06	.65			76	(4)		.296
HARO29, 08-23-035	.92		8.01			140::			
U7559	1.50	.04	25.0			60	(2)		123i
D126, 06-27-055	.20	.06	3.4			79	(3)		.181
	1.50		8.12			91			

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
Name Alternate names	α l L	δ b B	v_{\odot} Δv	v_{LG1} v_{LG2} v_{LG3}	group Θ x_2	i A_g A_i	B_T m_B	$B_T(0,i)$ M_B type, Δ type	$(B-V)_T$ $(B-V)_T^0$	$(U-B)_T$ $(U-B)_T^0$
U7577 D125, 07-26-006	1225.2 137.76 72.8	+4346 +72.94 + 5.9	+197 2	+236 +251 +256	B4 30.77 .218	48 .00 .19	12.84 13.9	12.65 -15.7 10.0 .7	.50 .44	-.12 -.16
N4449 U7592, 07-26-009	1225.8 136.85 72.3	+4422 +72.40 + 6.2	+201 3	+244 +258 +263	B4 31.37 .218	45 .00 .11	9.99 10.10	9.88 -18.5 10.0 .3	.41 .37	-.35 -.38
U7599 D127, 06-27-057	1226.0 147.12 78.9	+3731 +78.79 + 4.3	+280 4	+287 +302 +312	B4 24.51 .218	58 .00 .30	14.90 15.0	14.60 -13.8 9.0 .8	.42 .36	-.17 -.22
U7605 06-27-058	1226.2 151.02 80.4	+3559 +80.14 + 3.9	+307 3	+306 +322 +332	B4 22.99 .218	46 .02 .11	15.0	14.87 -13.5 10.0 .8		
U7639 08-23-043	1227.5 133.19 69.0	+4748 +69.17 + 7.4	+382	+443 +456 +460	B5 34.80 .303	63 .00 .11	14.3	14.19 -14.9 10.0 .7		
U7698 D133, 05-30-016	1230.4 164.33 84.7	+3149 +84.02 + 3.6	+333 2	+312 +328 +341	B4 18.85 .218	48 .03 .12	13.0 13.0	12.85 -15.5 10.0 .6	.36 .31	-.26 -.29
A1236+33 CVN I DWA, 06-28-000	1236.0 148.69 83.8	+3302 +83.71 + 5.1	+309 3	+296 +313 +326	B4 20.18 .218	44 .02 .12		16.8 -11.6 10.0 1.8		
N4605 U7831, 10-18-074	1237.8 125.33 55.5	+6153 +55.47 +12.0	+145 6	+277 +288 +284	field 48.93 .263	68 .00 .63	10.89 10.93	10.26 -18.5 5.0 1.2	.56 .48	-.08 -.14
I3687 U7866, D141, 07-26-039	1239.8 131.97 78.4	+3846 +78.46 + 7.3	+358 4	+376 +392 +403	B5 25.99 .303	34 .00 .04	13.71 14.5	13.67 -15.4 10.0 .5	.26 .25	-.38 -.39
E381-20 UKS1243-336 -06-28-017	1243.3 301.65 148.9	-3334 +29.02 -10.5	+587 3	+313 +327 +364	B6 46.77 .255	72 .28 .30	14.24	13.66 -15.1 10.0 .8		
U7949 D147, K200 06-28-030	1244.6 128.41 80.6	+3645 +80.60 + 7.7	+334 3	+343 +360 +372	B5 24.15 .303	48 .04 .09		14.7 -14.4 10.0 .6		
U7990 -02-33-024	1248.0 132.95 88.8	+2837 +88.76 + 6.4	+512 4	+480 +499 +517	B5 16.51 .303			15.2:: -13.9:: 10.0 .9		
	1248.4 302.76 129.2	-1311 +49.42 - 4.6	+346 10	+128 +146 +182	field 26.82 .110	34 .07 .12		15.0:: -11.9:: pec:		
N4736 U7996, M94, 07-26-058	1248.5 123.36 76.2	+4123 +76.01 + 9.5	+309 3	+343 +360 +370	B5 28.85 .303	34 .00 .11	8.99 8.67	8.88 -20.2 2.0 .3	.75 .73	.16 .14
U8024 N4789A, D154 05-30-120	1251.7 35.59 90.1	+2725 +89.41 + 6.9	+378 4	+341 +361 +379	B5 15.71 .303	39 .02 .11	13.94 13.5	13.81 -15.3 10.0 .5	.33 .29	-.27 -.30
U8055	1253.5 305.85 112.8	+0405 +66.66 + 1.3	+618 3	+470 +491 +522	field 11.36 .332	38 .02 .07		15.3 -14.0 10.0 .9		

(1)	(12)	(13)	(14)	(15)	(16)	(17)			
Name	$\log D_{25}$	ϵ	S	V_{\max}	(n)	ΔV_{50}	(n)	IRAS source	sample
Alternate names	$\log R_{25}$	ϵ	ΔS	max V_{\max}		ΔV_{20}	(n)	$\log F_{\text{IR}}$	$x_2(\text{ind})$
	$\log D_0$		$\log M_{\text{HI}}$			$\Delta V_{0,i}$		$\log M_{\text{dust}}$	
U7577	1.63	.04	29.1	19	(2)	34	(3)		123i
D125, 07-26-006	.25	.06	2.3	19		52	(4)		.195
	1.63		8.19			53			
N4449	1.79	.01	787.0	160	(1)	135	(2)		123i
U7592, 07-26-009	.15	.02	222.0	160		153	(2)		.202
	1.79		9.62			199			
U7599	1.30	.04	11.9			68	(2)		123i
D127, 06-27-057	.29	.05	.8			86	(3)		.225
	1.30		7.80			87			
U7605	1.06	.05	6.2			41	(1)		123i
06-27-058	.15	.05	1.2			51	(3)		.237
	1.06		7.52			53			
U7639	1.36	.05	5.3			45	(2)		123i
08-23-043	.15	.06	.66			64	(4)		.378
	1.36		7.73			58			
U7698	1.81	.03	43.3	71	(1)	56	(3)		123i
D133, 05-30-016	.16	.06	6.1	71		76	(3)		.235
	1.82		8.36			85			
A1236+33	1.00	.10	13.8			25	(1)		123i
CVN I DWA, 06-28-000	.16	.09	.4			48	(2)		.226
	1.00		7.86			51			
N4605	1.76	.01	54.4			128	(2)	IRAS12378+6152	123i
U7831, 10-18-074	.42	.02	6.0			189	(4)	-9.11	.263
	1.76		8.62			190		5.473	
I3687	1.53	.04	22.0			48	(2)		123i
U7866, D141, 07-26-039	.05	.06	2.0			65	(3)		.296
	1.53		8.35			94			
E381-20	1.47	.04	38.0			80	(1)		123i
UKS1243-336	.40	.05	6.0			98	(1)		.297
-06-28-017	1.49		8.44			90			
U7949	1.29	.06	19.5			32	(2)	IRAS12445+3648	123i
D147, K200	.12	.06	1.1			49	(3)	-10.45	.267
06-28-030	1.30		8.30			49		4.144	
U7990	1.00	.16							123i
	.19	.12							.346
	1.00								
-02-33-024	1.04	.09	5.23					IRAS12483-1311	123i
	.09	.07	.72			229:	(1)	-10.36	
	1.04		6.85			387::		3.476	
N4736	2.05	.01	84.1	195	(1)	208	(4)	IRAS12485+4123	123i
U7996, M94, 07-26-058	.09	.02	7.9	195		241	(5)	-8.43	.277
	2.05		8.93			408		6.60:	
U8024	1.48	.04	139.0	49	(1)	87	(5)		123i
N4789A, D154	.14	.06	19.6	49		105	(6)		.253
05-30-120	1.49		9.15			147			
U8055	.96	.17	8.8			88	(2)		12--
	.10	.12	.7			102	(2)		
	.96		8.03			145			

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
Name Alternate names	α l L	δ b B	v_{\odot} Δv	v_{LG1} v_{LG2} v_{LG3}	group Θ x_2	i A_g A_i	B_T m_B	$B_T(0, i)$ M_B type, Δ type	$(B - V)_T$ $(B - V)_T^0$	$(U - B)_T$ $(U - B)_T^0$
N4826 U8062, M64, 04-31-001	1254.3 315.71 95.6	+2157 +84.42 + 6.1	+410 3	+347 +367 +390	B5 11.34 .303	57 .16 .33	9.36 8.68	8.87 -20.2 2.0 .3	.84 .75	
U8091 D155, GR8, 02-33-041	1256.2 310.72 103.0	+1429 +76.98 + 4.7	+214 2	+115 +136 +163	field 7.71 .096	35 .04 .02	14.68 14.7	14.62 -12.0 10.0 .9	.32 .30	-.55 -.56
N4941 UA321, -01-33-077	1301.6 308.80 122.4	-0517 +57.17 + .7	+624 30	+441 +462 +497	field 20.43 .331	55 .01 .33	11.9 12.16	11.56 -17.7 2.0 .4	.84 .78	
N4945 E219-24	1302.5 305.27 165.2	-4912 +13.34 -10.2	+561 2	+273 +285 +323	B6 62.75 .255	84 .85 1.05	9.3 9.15	7.40 -21.3 6.0 .7		
I4182 U8188, 06-29-031	1303.5 107.70 80.3	+3752 +79.09 +11.6	+321 3	+342 +361 +375	B5 26.31 .303	27 .00 .04	13.0	12.96 -16.1 9.0 .4		
U8201 D165, VII ZW499 11-16-010	1304.7 120.75 49.6	+6758 +49.36 +15.6	+35 3	+198 +209 +203	B2 55.35 .209	48 .04 .20	12.8 13.6	12.56 -15.7 10.0 .7	.34 .27	-.16 -.21
U8215 08-24-048	1305.8 114.58 71.1	+4705 +70.03 +13.6	+218 4	+286 +303 +311	field 35.15 .245	35 .00 .11	12.8	14.7 -13.9 10.0 .9		
N5023 U8286, 07-27-043	1310.0 110.38 74.0	+4418 +72.58 +13.9	+409	+464 +483 +493	B5 32.75 .303	90 .00 1.30	12.85 12.97	11.55 -17.5 5.5 .7	.53 .36	-.14 -.26
E269-70	1310.6 307.17 159.5	-4307 +19.31 - 7.5	-8 59	-288 -273 -234	LG 57.08	.43 .00	14.52	14.09 -2.0 .9		
U8308 D167, 08-24-090	1311.2 111.63 71.7	+4635 +70.32 +14.4	+165 5	+232 +250 +259	field 34.96 .201	50 .00 .20		15.0 -13.2 10.0 .9		
U8320 D168, 08-24-093	1312.3 110.76 72.2	+4611 +70.66 +14.6	+196 4	+261 +279 +289	field 34.65 .224	69 .00 .31	12.7 13.5	12.39 -16.0 10.0 .7	.32 .22	-.20 -.27
UA342	1312.9 160.40 76.2	+4216 +74.36 +14.1	+388 13	+434 +453 +466	field 31.05 .359	.00 .33		14.2:: -15.3:: 10.0 .9		
U8331 D169, 08-24-097	1313.2 111.49 70.6	+4746 +69.09 +14.9	+260 3	+333 +351 +360	field 36.19 .290	69 .00 .35	14.6 14.9	14.25 -14.7 10.0 .8	.42 .31	-.16 -.24
N5068 UA345, E576-29 -03-34-046	1316.2 311.49 138.3	-2047 +41.38 - .2	+673 5	+443 +464 +504	B6 36.04 .255	22 .33 .09	10.7 10.39	10.28 -18.4 6.0 .3	.67 .58	
N5102 E382-50, -06-29-031	1319.1 309.73 153.4	-3622 +25.84 - 4.1	+451 20	+185 +202 +243	B6 50.99 .255	71 .22 .00	10.35 9.96	10.13 -18.6 -3.0 .3	.72 .64	.23 .18
N5128 ARP153, E270-09, CENA, -07-28-001	1322.5 309.52 159.8	-4245 +19.42 - 5.2	+534 15	+259 +275 +316	B6 57.30 .255	44 .52 .00	7.84 7.18	7.32 -21.4 -2.0 .3	1.00 .87	

(1)	(12)	(13)	(14)	(15)	(16)	(17)			
Name	$\log D_{25}$	ϵ	S	V_{\max}	(n)	ΔV_{50}	(n)	IRAS source	sample
Alternate names	$\log R_{25}$	ϵ	ΔS	max V_{\max}		ΔV_{20}	(n)	$\log F_{\text{IR}}$	$x_2(\text{ind})$
	$\log D_0$		$\log M_{\text{HI}}$			$\Delta V_{0,i}$		$\log M_{\text{dust}}$	
N4826	2.00	.01	56.3	190	(1)	298	(1)	IRAS12542+2157	123i
U8062, M64, 04-31-001	.27	.02	6.6	190		331	(3)	-8.68	.253
	2.02		8.76			380		6.34:	
U8091	1.03	.08	8.4			30	(7)		123i
D155, GR8, 02-33-041	.02	.06	.6			46	(9)		
	1.03		6.93			58			
N4941	1.56	.02	7.0			301	(1)	IRAS13016-0516	123-
UA321, -01-33-077	.27	.03	1.2			328	(1)	-10.02	
	1.56		7.93			385		4.833	
N4945	2.30	.02	397.1			361	(2)	IRAS13025-4911	123i
E219-24	.72	.02	47.0			383	(2)	-7.43	.286
	2.38		9.46			372		7.44:	
I4182	1.78	.02	65.4			43	(3)	IRAS13033+3752	123i
U8188, 06-29-031	.04	.05	2.5			61	(6)	-10.40	.273
	1.78		8.82			107::		4.407	
U8201	1.54	.04	30.4			44	(2)		123i
D165, VII ZW499	.26	.06	3.0			70	(3)		.197
11-16-010	1.55		8.17			77			
U8215	1.00	.12	4.6			32	(2)		123i
08-24-048	.14	.09	.5			49	(4)		
	1.00		7.49			63			
N5023	1.78	.02	59.6			179	(2)	IRAS13095+4418	123i
U8286, 07-27-043	.89	.03	4.3			190	(4)	-10.61	.392
	1.78		8.78			177		4.523	
E269-70	.94	.06							123i
	.38	.04							
	.93								
U8308	1.05	.08	4.6			39	(1)		123i
D167, 08-24-090	.26	.06	1.1			49	(2)		
	1.05		7.31			48			
U8320	1.56	.05	76.5			63	(2)	IRAS13121+4611	123i
D168, 08-24-093	.42	.09	4.5			87	(4)	<-10.81	
	1.56		8.63			80		3.70:	
UA342	1.20	.14	90.53			95	(1)		123-
	.44	.18	6.20			168	(1)		
	1.20		9.11						
U8331	1.43	.04	15.2			51	(2)		123i
D169, 08-24-097	.46	.06	1.9			71	(3)		
	1.43		8.15			63			
N5068	1.86	.01	160.8			66	(1)	IRAS13161-2046	123i
UA345, E576-29	.06	.02	11.2			108	(3)	-9.54	.392
-03-34-046	1.89		9.07			255::		5.597	
N5102	1.94	.03	87.9	96	(1)	197	(2)	IRAS13191-3622	123i
E382-50, -06-29-031	.49	.03	6.7	96		217	(3)	-10.22	.186
	1.90		8.80			216		4.478	
N5128	2.41	.01	86.6	230	(1)	528	(1)	IRAS13225-4245	123i
ARP153, E270-09	.11	.02		230		551	(1)	-7.88	.267
CENA, -07-28-001	2.45		8.80			775		7.00:	

names	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
	α	δ	v_{\odot}	v_{LG1}	group	i	B_T	$B_T(0, i)$	$(B - V)_T$	$(U - B)_T$
	l	b	Δv	v_{LG2}	Θ	A_g	m_B	M_B	$(B - V)_T^0$	$(U - B)_T^0$
	L	B		v_{LG3}	x_2	A_i		type, Δ type		
	1324.0	-3006	+274	+23	LG			13.63		
	311.90	+31.89	34	+42	45.39	.15	14.41	-10.8		
	147.7	- 1.3		+84	.036	.63				
i1	1324.7	-4113	+515	+243	B6	54		12.39		
	310.18	+20.88	5	+259	55.95	.42	12.91	-16.3		
	158.4	- 4.4		+301	.255	.10		10.0 .7		
19-078	1327.7	+5841	+204	+332	B3	56	11.73	11.51	.41	-33
	113.50	+58.01	5	+348	47.16	.00	11.64	-17.8	.36	-36
	59.4	+17.8		+350	.334	.22		9.0 .3		
9-22-075	1328.8	+5510	+63	+176	B3:	54		14.23		
	111.14	+61.31	5	+193	43.96	.00	14.4	-15.1		
	63.1	+17.9		+197	.334	.17		10.0 .8		
	1330.7	-4754	+577	+299	B6:			11.04		
	310.19	+14.12	32	+314	62.64	.58	11.62	-17.7		
	165.1	- 5.4		+355	.255	.00		-2.5 .5		
25-019	1332.0	+4810	+364	+446	B3	84		13.24		
	103.95	+67.61		+465	37.82	.00	14.3	-16.1		
	70.5	+18.1		+475	.334	1.06		6.7 .7		
W64	1332.7	+5152	+234	+333	B3	37		13.81		
	107.41	+64.19	4	+351	41.19	.00	13.9	-15.5		
	66.6	+18.4		+359	.334	.09		8.0 .8		
	1333.7	-2859	+570	+326	B6:	68		15.06		
	314.61	+32.61	3	+347	45.15	.14	15.49	-13.7		
	147.3	+ 1.1		+390	.255:	.29		10.0 .9		
M83, UA366	1334.2	-2937	+517	+271	B6	33	8.20	7.98	.66	.03
	314.58	+31.97	5	+292	45.77	.15	8.08	-20.7	.61	.00
	147.9	+ 1.0		+336	.255	.07		5.0 .3		
-05-32-000	1334.5	-2748	+587	+346	B6	41		14.67		
	315.12	+33.74	3	+367	44.13	.24	15.01	-14.0		
	146.2	+ 1.6		+411	.255	.10		10.0 .8		
	1334.7	-4236	+328	+58	B6:		13.23	12.83	.74	.02
	311.88	+19.21	15	+75	57.86	.40	13.26	-15.9	.64	-.05
	160.3	- 3.1		+117	.255:	.00		pec		
	1337.0	+2502	+274	+246	field			14.34		
	23.26	+78.98	4	+270	20.79	.00	14.47	-13.8		
	94.7	+16.3		+297	.196	.13		10.0 .9		
JA369	1337.1	-3123	+401	+153	B6	67	10.87	10.36	.43	-.24
	314.86	+30.10	8	+173	47.65	.20	11.06	-18.4	.28	-.35
-05-32-060	149.8	+ 1.0		+217	.255	.31		10.0 .7		
	1337.5	-2838	+741	+499	field			14.73		
	315.67	+32.77	3	+521	45.18	.15	15.02	-15.4		
	147.2	+ 2.0		+565	.499	.14		10.0 1.1		
18-046	1337.7	+4059	+203	+253	field	58		14.51		
	89.73	+73.12	4	+274	32.18	.00	14.7	-13.8		
	78.1	+18.6		+290	.216	.19		10.0 .8		
	1338.7	+5541			B3:					
	108.82	+6033			45.01	.00		-11.8::		
	62.6	+19.3			.334:	.03		10.0 1.2		

(1)	(12)	(13)	(14)	(15)	(16)	(17)			
Name	$\log D_{25}$	ϵ	S	V_{\max}	(n)	ΔV_{50}	(n)	IRAS source	sample
Alternate names	$\log R_{25}$	ϵ	ΔS	max V_{\max}		ΔV_{20}	(n)	$\log F_{\text{IR}}$	$x_2(\text{ind})$
	$\log D_0$		$\log M_{\text{HI}}$			$\Delta V_{0,i}$		$\log M_{\text{dust}}$	
I4247	1.12	.05							123i
E444-34	.42	.04							
	1.14								
E324-24	1.50	.04	71.5			75	(1)		123i
UKS1324-41	.13	.05	4.0			111	(2)		.248
-07-28-000	1.54		8.71			122			
N5204	1.70	.02	114.0			111	(3)	IRAS13277+5840	123-
U8490, 10-19-078	.22	.02	9.0			132	(5)	-9.84	.319
	1.70		9.15			144		4.892	
U8508	1.23	.05	15.2			52	(1)		123-
I ZW60, 09-22-075	.22	.05	1.5			68	(3)		.166
	1.23		8.27			68			
N5206	1.57	.04						IRAS13307-4759	123i
E220-18	.06	.04						-10.52	.317
	1.63							4.209	
N5229	1.52	.04	24.7			126	(1)		123-
U8550, 08-25-019	.77	.05	1.1			154	(2)		.401
	1.52		8.49			142			
N5238	1.23	.06	7.7			34	(2)		123-
U8565, I ZW64	.07	.06	1.4			50	(4)		.303
09-22-082	1.23		7.98			62			
E444-78	1.09	.06	3.8			22	(1)		123i
UA365	.39	.05	.6			42	(1)		.312
	1.11		7.44			32			
N5236	2.11	.01	1778.5	210	(6)	208	(6)	IRAS13342-2933	123i
E444-81, M83, UA366	.05	.02	122.0	320		249	(5)	-7.78	.260
-05-32-050	2.12		10.11			434		7.10:	
E444-84	1.11	.05	27.0			60	(2)		123i
A1334-27, -05-32-000	.13	.05	4.0			82	(2)		.328
	1.13		8.29			106			
N5237	1.29	.05							123i
E270-22	.09	.04							.070
	1.33								
U8638	1.08	.07							123i
	.17	.06							
	1.08								
N5253	1.70	.02	53.5	100	(1)	88	(2)	IRAS13370-3123	123i
E445-04, UA369	.41	.02	4.3	100		103	(4)	-8.86	.160
HARO10, -05-32-060	1.72		8.59			98		5.085	
I4316	1.23	.04							1- - -
E445-06	.19	.04							
	1.24								
U8651	1.37	.05	13.7			44	(2)		123i
D181, 07-28-046	.26	.06	1.2			59	(4)		
	1.37		7.85			55			
U8659	1.00	.16							123-
	.04	.12							
	1.00								

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
Name Alternate names	α l L	δ b B	v_{\odot} Δv	v_{LG1} v_{LG2} v_{LG3}	group Θ x_2	i A_g A_i	B_T m_B	$B_T(0,i)$ M_B type, Δ type	$(B-V)_T$ $(B-V)_T^0$	$(U-B)_T$ $(U-B)_T^0$
N5264	1338.8	-2940	+479	+236	B6	34	12.60	12.24	.60	-.02
E445-12, UA370, D242 -05-32-066	315.72 148.3	+31.71 + 1.9	3	+257 +301	46.22 .255	.19 .17	12.58	-16.5 10.0 .4	.50	-.09
E325-11	1342.0	-4137	+542	+277	B6	66		13.51		
UKS1342-416	313.50 159.8	+19.90 - 1.5	3	+294 +337	57.44 .255	.28 .23	14.02	-15.2 10.0 .6		
E445-36	1345.4	-3200	+470	+224	B6			13.69		
	316.68 151.0	+29.11 + 2.5	60	+245 +290	48.94 .255	.24 .43	14.36	-15.0		
E383-87	1346.4	-3549	+330	+77	B6	33		10.68		
-06-30-025	315.84 154.6	+25.36 + 1.3	3	+97 +141	52.46 .255	.21 .11	11.00	-18.0 8.3 .4		
U8760	1348.7	+3816	+193	+234	field	72	14.36	13.99	.35	-.14
D183, 06-30-105	77.79 81.1	+73.45 +20.5	4	+258 +277	31.36 .202	.00 .37	14.9	-14.2 10.0 .8	.23	-.23
U8833	1352.6	+3605	+230	+263	field	36		16.26		
06-31-023	69.73 83.5	+73.96 +21.1	5	+287 +308	30.33 .223	.00 .04	16.3	-12.2 10.0 1.2		
U8837	1352.9	+5409	+141	+257	B3	67	13.81	13.43	.43	-.26
D185, HO IV, A13530 09-23-017	103.70 61.1	+60.80 +21.4	3	+276 +283	44.63 .334	.00 .38	13.7	-15.9 9.5 .5	.31	-.35
U8914	1357.3	+5236			B3:			-12.3:		
	100.85 65.8	+61.77 +22.1			43.68 .334:			10		
N5408	1400.3	-4109	+509	+252	B6	54	12.2	11.69	.56	-.33
E325-47, HENIZE959, -07-29-006	317.15 160.6	+19.49 + 1.9	5	+272 +317	58.46 .255	.28 .23		-17.0 9.7 .7	.42	-.43
A1400+54	1400.7	+5809	+165	+284	B3					
	101.74 64.1	+60.20 +22.5		+303 +311	45.25 .334					
N5457	1401.4	+5435	+242	+363	B3	24	8.31	8.26	.45	
U8981, M101, ARP26 VV344, 09-23-028	102.04 63.6	+59.77 +22.6	4	+382 +390	45.68 .334	.00 .05	7.92	-21.0 6.0 .3	.44	
N5474	1403.3	+5354	+277	+396	B3	17	11.28	11.21	.49	
U9013, VV344 09-23-032	100.83 64.3	+60.19 +22.9	2	+415 +423	45.26 .334	.00 .07	11.41	-18.1 6.0 .3	.48	
N5477	1403.8	+5442	+312	+435	B3	45	14.36	14.25	.35	-.42
U9018, D186, 09-23-034	101.60 63.4	+59.49 +22.9	2	+454 +461	45.96 .334	.00 .11	14.2	-15.0 9.0 .4	.33	-.44
E097-13	1409.3	-6506	+437	+166	field	60	12.1	9.30:	1.46	.77
CIR	311.33 183.1	- 3.81 - 6.4	3	+176 +212	80.54 .182	2.3 .50	10.89	-18.7: 3.0 .3	.53:	.10:
U9128	1413.6	+2317	+155	+138	field	29	14.38	14.30	.38	-.06
D187, 04-34-009	25.56 97.8	+70.47 +24.3	3	+167 +198	27.71 .127	.00 .08	14.3	-12.9 10.0 .8	.35	-.08
N5585	1418.2	+5658	+306	+443	B3	50	11.20	10.93	.46	-.22
U9179, 10-20-094	101.00 60.7	+56.47 +24.7	3	+462 +469	48.98 .334	.00 .27	11.47	-18.4 7.0 .3	.42	-.25

(1)	(12)	(13)	(14)	(15)	(16)	(17)			
Name Alternate names	$\log D_{25}$ $\log R_{25}$ $\log D_0$	ϵ ϵ	S ΔS $\log M_{\text{HI}}$	V_{max} max V_{max}	(n)	ΔV_{50} ΔV_{20} $\Delta V_{0,i}$	(n) (n)	IRAS source $\log F_{\text{IR}}$ $\log M_{\text{dust}}$	sample x_2 (ind)
N5264	1.40	.03	15.0			52	(3)		123i
E445-12, UA370, D242 -05-32-066	.22 1.42	.04	4.0 8.03			58 81	(4)		.228
E325-11	1.43	.07	40.0			58	(1)	IRAS13419-4135	123i
UKS1342-416	.30 1.46	.06	6.0 8.46			88 83	(1)	-10.24 4.285	.287
E445-36	.92 .30 .94	.05 .04						IRAS13453-3159 -10.02 4.387	123i .221
E383-87	1.65	.03	35.0			30	(1)	IRAS13463-3548	123i
-06-30-025	.09 1.67	.05	4.0 8.40			54 76	(2)	-10.07 4.616	.087
U8760	1.34	.04	10.8			34	(2)		123i
D183, 06-30-105	.50 1.34	.05	1.5 7.69			48 37	(4)		
U8833	.96	.09	6.5			28	(1)		123i
06-31-023	.06 .96	.06	1.6 7.56			63 86	(4)		
U8837	1.63	.02	27.2	75	(1)	71	(4)	IRAS13524+5408	123-
D185, HO IV, A1353	.51	.04	2.2	75		105	(5)	<-11.04	.242
09-23-017	1.63		8.53			100		<3.62	
U8914	1.00: .00: 1.00								123-
N5408	1.21	.07	64.5					IRAS14002-4108	123i
E325-47, HENIZE959, -07-29-006	.31	.08	4.3 8.67			113 124	(3)	-9.90 4.157	.262
A1400+54			14.00 8.24			90	(1)		123- .270
N5457	2.46	.01	1768.9	195	(7)	133	(10)	several	123-
U8981, M101, ARP26	.03	.02	51.4	260		189	(11)	-8.22	.349
VV344, 09-23-028	2.46		10.34			434::		6.89:	
N5474	1.68	.02	110.2			42	(3)	IRAS14032-5353	123-
U9013, VV344	.05	.02	3.6			64	(5)	-10.01	.382
09-23-032	1.68		9.14			176::		5.078	
N5477	1.22	.03	13.3			48	(2)	IRAS14034+5441	123-
U9018, D186, 09-23-034	.10 1.22	.03	.9 8.22			101 125	(3)	-10.80 4.31:	.427
E097-13	1.84	.03	1906.6	152	(1)	266	(2)	IRAS14092-6506	123i
CIR	.36 2.06	.05	127.1 9.85	152		304 336	(2)	-7.92 5.922	
U9128	1.22	.05	13.2			35	(2)		123i
D187, 04-34-009	.11 1.22	.05	1.3 7.37			54 85::	(4)		
N5585	1.76	.01	125.3			153	(1)	IRAS14182+5657	123-
U9179, 10-20-094	.19 1.76	.02	6.1 9.19			166 200	(4)	-10.13 4.985	.446

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
Name Alternate names	α l L	δ b B	v_{\odot} Δv	v_{LG1} v_{LG2} v_{LG3}	group Θ x_2	i A_g A_i	B_T m_B	$B_T(0,i)$ M_B type, Δ type	$(B-V)_T$ $(B-V)_T^0$	$(U-B)_T$ $(U-B)_T^0$
U9240	1422.8	+4445	+154	+241	field	20	13.25	13.25	.35	-.17
D190, I ZW87	82.01	+64.48	3	+265	40.45	.00	13.6	-15.2	.35	-.17
08-26-030	74.1	+26.8		+282	.224	.00		10.0 .8		
A1424-46	1424.8	-4605	+393	+140	B6	51		15.6		
UKS1424-460	319.82	+13.38	5	+159	64.94	.59		-13.1		
	166.9	+ 3.8		+205	.255	.33		10.0 .8		
U9405	1433.9	+5728	+222	+367	B3	52		13.6		
D194, 10-21-013	98.71	+54.71	4	+386	50.73	.00		-15.7		
	59.7	+26.7		+393	.334	.31		10.0 .5		
E223-09	1457.7	-4806	+587	+347	B6	44		13.9		
UKS1457-480	324.12	+9.17	3	+367	69.87	1.14		-14.8		
	171.6	+7.6		+413	.255	.02		10.0 .5		
U9749	1508.6	+6724	-261	-71	LG	55		11.86		
D199, UMI, 11-18-030	104.95	+44.80	6	-55	60.61	.04	11.9	-7.8		
	47.7	+27.1		-55	.004	.00		-5.0 .3		
E274-01	1510.8	-4638	+520	+289	B6	90	11.7	9.38	.94	.49
	326.81	+9.33	4	+310	70.25	1.16	12.00	-19.3	.52:	.16:
	171.6	+10.3		+358	.255	1.16		6.7 .5		
E137-18	1616.6	-6022	+606	+382	field	74				
	326.10	-7.42	20	+398	86.53	1.34				
	188.4	+7.8		+440	.434	.48		10		
U10822	1719.4	+5758	-277	-60	LG	55		10.81		
D208, DRA, 10-25-008	86.37	+34.72	35	-38	70.33	.09	10.9	-8.9		
	43.8	+44.2		-31	.004	.00		-5.0 .3		
I4662	1742.2	-6437	+308	+109	field	51	11.74	11.29	.41	-.37
E102-14	328.55	-17.84	4	+121	97.22	.28	11.72	-15.8	.29	-.46
	199.2	+ 8.6		+159	.122	.17		10.0 .4		
N6503	1750.0	+7009	+42	+285	field	72	10.91	10.07	.68	.03
U11012, 12-17-009	100.57	+30.64	7	+300	74.81	.15	11.01	-19.1	.56	-.06
	33.1	+34.6		+296	.311	.69		6.0 .3		
I4739	1836.2	-6157	-38	-211	LG			14.57		
E140-36	333.55	-22.51		-198	102.77	.45	15.18			
	204.7	+12.3		-161		.16				
I4789	1851.0	-6838	-6	-195	LG			13.27		
E072-05	326.82	-25.55		-187	104.46	.23	14.02			
	206.6	+ 5.7		-154		.52		5.0 .9		
E594-04	1927.1	-1747	-79	-37	LG	46		15.3		
UKS1927-177	21.06	-16.28	3	-12	108.48	.59		-9.9		
SAGDIG, -03-49-000	221.3	+55.5		+24	.051	.10		10.0 .4		
N6822	1942.1	-1455	-58	+6	LG	53	9.31	8.34		
D209, I4895	25.34	-18.39	3	+30	111.64	.93	10.3	-15.8		
-02-50-006	229.1	+57.1		+64	.031	.04		10.0 .3		
I4937	2001.3	-5624	-84	-206	LG			13.87		
E185-60	341.54	-32.39		-196	114.04	.15	14.91			
	216.5	+16.5		-154		.89		3.0 .6		
06-45-001	2022.3	+3541	-114	+151	field					
	74.75	-.97	60	+169	104.85					
	346.0	+61.7		+175	.165	.00		pec::		

(1)	(12)	(13)	(14)	(15)	(16)	(17)			
Name Alternate names	$\log D_{25}$ $\log R_{25}$ $\log D_0$	ϵ ϵ	S ΔS $\log M_{\text{HI}}$	V_{max} max V_{max}	(n)	ΔV_{50} ΔV_{20} $\Delta V_{0,i}$	(n)	IRAS source $\log F_{\text{IR}}$ $\log M_{\text{dust}}$	sample x_2 (ind)
U9240	1.26	.06	25.1			46	(2)	IRAS14225+4444	123i
D190, I ZW87	.00	.06	1.8			65	(4)	<-10.93	
08-26-030	1.26		8.15			153::		<3.66	
A1424-46	1.38	.06	17.0			38	(1)		123i
UKS1424-460	.44	.08	5.0			56:			.157
	1.43		8.09			56:			
U9405	1.23	.06	8.6			85	(4)		123-
D194, 10-21-013	.42	.06	1.5			98	(3)		.368
	1.23		8.03			108			
E223-09	1.41	.05	125.0			61	(2)		123i
UKS1457-480	.03	.07	12.0			88	(2)		.380
	1.52		8.96			109			
U9749	2.48	.02	≤ 6.4						123i
D199, UMI, 11-18-030	.20	.04							
	2.42		≤ 4.06						
E274-01	2.04	.02	151.0			178	(1)	IRAS15108-4637	123i
	.84	.05	12.0			196	(1)	-10.10	.320
	2.15		9.04			183		4.311	
E137-18	1.51	.02							123-
	.42	.02							
	1.53								
U10822	2.55	.02	≤ 2.4						123i
D208, DRA, 10-25-008	.16	.06							
	2.52		≤ 3.63						
I4662	1.44	.02	125.2	47	(1)			IRAS17422-6437	123i
E102-14	.23	.03	8.2	47		125	(3)	-9.38	
	1.47		8.32			145		4.86:	
N6503	1.85	.01	158.8	126	(2)			IRAS17499+7009	123i
U11012, 12-17-009	.47	.02	18.0	131		235	(5)	-9.26	
	1.86		9.23			234		5.671	
I4739	1.01	.06							123i
E140-36	.11	.05							
	1.05								
I4789	1.18	.04						IRAS18509-6838	123i
E072-05	.35	.04						-10.53	
	1.20								
E594-04	1.46	.03	26.6			40	(1)		123i
UKS1927-177	.13	.05	2.8			38	(2)		
SAGDIG, -03-49-000	1.51		6.89			35			
N6822	2.19	.01	2367.1	64	(2)	60	(4)	IRAS19421-1455	123i
D209, I4895	.06	.04	149.7	80		82	(3)	-8.56	
-02-50-006	2.27		8.40			87		4.49:	
I4937	1.29	.04						IRAS20012-5623	123i
E185-60	.64	.04						-10.17	
	1.31								
06-45-001	1.02	.14						IRAS20222+3541	123i
	.18	.07						-7.87	
								6.588	

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
Name	α	δ	v_{\odot}	v_{LG1}	group	i	B_T	$B_T(0, i)$	$(B - V)_T$	$(U - B)_T$
Alternate names	l	b	Δv	v_{LG2}	Θ	A_g	m_B	M_B	$(B - V)_T^0$	$(U - B)_T^0$
	L	B		v_{LG3}	x_2	A_i		type, Δ type		
N6946	2033.8	+5959	+58	+346	field	30	9.61	7.78	.80	
U11597, ARP29	95.72	+11.67	12	+358	93.73	1.73	9.90	-21.7	.40	
10-29-006	10.0	+42.0		+350	.356	.10		6.0	.3	
I5026	2041.9	-7815	+15	-188	LG			13.71		
E026-06	315.27	-32.42		-187	109.39	.47	15.48			
	212.1	-5.1		-163		1.30		7.0	.9	
D210	2044.1	-1302	-136	-31	LG	57	14.0	13.63	.12	-.15
A2044-13, -02-53-003	34.05	-31.35	4	-15	126.32	.15		-12.2	.01	-.23
	252.1	+50.2		+7	.069:	.22		10.0	.6	
I5052	2047.5	-6924	+590	+423	field	90		10.46	.63	.02
E074-15	325.17	-3582	8	+426	114.23	.18	11.85	-19.1	.42	-.13
	216.5	+2.6		+451	.383	1.21		7.0	.5	
UA421	2143.8	-2128			LG		11.68			
CAP	30.53	-47.67			140.71					
	256.4	+34.0						-5		
I5152	2159.4	-5132	+125	+53	LG	54		11.06		
E237-27	343.92	-50.19	3	+54	131.61	.00	11.22	-14.8		
	234.2	+11.5		+72	.069	.16		10.0	.3	
TUC	2238.5	-6441			LG			15.8:		
	322.91	-47.37			125.16			-8.9:		
	227.6	-.9			.041:			-5		
A2259+12	2259.1	+1228	-364	-125	LG					
	85.66	-42.05		-127	146.80					
	302.2	+30.4		-142						
UA435	2304.2	+1228	-383	-144	LG	29				
PAL3	87.07	-42.72	3	-147	147.59			-10.0:		
	302.5	+29.2		-163				-5		
E347-08	2318.1	-4200	+16	-3	LG	26		14.53		
-07-47-034	348.85	-66.42	10	-10	147.57	.04	14.65	-10.5:		
	249.9	+6.1		-7	.046:	.08		9.0	.5	
E407-18	2323.8	-3240	+62	+92	B7a	18		13.80		
UKS2323-326, UA438,	11.87	-70.84	5	+84	155.87	.03	13.89	-12.7		
-05-55-012	258.9	+9.3		+82	.094	.06		10.0	.4	
U12613	2326.0	+1428	-183	+61	LG	47	13.21	12.91	.62	.12
D216, PEG, 02-59-046	94.77	-4355	2	+55	148.89	.10	14.3	-13.1	.54	.06
	305.8	+24.3		+34	.074	.20		10.0	.3	
E471-06	2341.2	-3214	+267	+297	B7b	86	13.60	12.80	.45	-.08
UA442, -05-56-001	10.69	-74.53	8	+287	158.30	.03	13.46	-15.6	.28	-.20
	260.8	+6.1		+282	.220	.77		8.8	.5	
E149-03	2349.4	-5251	+577	+497	field	90				
	322.48	-62.24	20	+488	139.52	.05				
	242.4	-3.2		+492	.392	.67		10		
N7793	2355.3	-3252	+227	+251	B7b	45	9.63	9.37		
E349-12	4.53	-77.19	2	+240	159.01	.02	9.63	-19.0		
-06-01-009	261.3	+3.1		+232	.220	.24		7.0	.3	
D221	2359.4	-1545	-123	-12	LG	65	11.03	10.58		
WLM, UA444	75.85	-73.63	2	-25	173.22	.10		-15.4		
-03-01-015	277.8	+8.1		-41	.074	.35		10.0	.3	

(1)	(12)	(13)	(14)	(15)	(16)	(17)			
Name	$\log D_{25}$	ϵ	S	V_{\max}	(n)	ΔV_{50}	(n)	IRAS source	sample
Alternate names	$\log R_{25}$	ϵ	ΔS	max V_{\max}		ΔV_{20}	(n)	$\log F_{\text{IR}}$	$x_2(\text{ind})$
	$\log D_0$		$\log M_{\text{HI}}$			$\Delta V_{0,i}$		$\log M_{\text{dust}}$	
N6946	2.06	.01	884.0	165	(5)	194	(3)	several	123-
U11597, ARP29	.07	.02	29.3	230		248	(1)	-8.06	
10-29-006	2.22		10.10			471::		7.10:	
I5026	1.37	.04							123i
E026-06	.94	.04							
	1.41								
D210	1.35	.04	12.8			22	(2)		123i
A2044-13, -02-53-003	.29	.05	1.4			37	(3)		
	1.36		6.83			29			
I5052	1.77	.02	105.7	88	(1)			IRAS20473-6923	123-
E074-15	.88	.03	4.8	88		211	(2)	-9.92	
	1.78		9.24			198		5.128	
UA421	1.72:								123i
CAP	.75:								
	1.72:								
I5152	1.72	.02	98.0	43	(1)	79	(1)	IRAS21594-5132	123i
E237-27	.21	.03	8.2	43		95	(2)	-9.79	
	1.72		7.71			102		3,708	
TUC									123i
A2259+12			2.50			56	(1)		123i
UA435	1.46:		4.8			28	(1)		123i
PAL3	.00:		.7			53	(2)		
	1.46:					83::			
E347-08	1.22	.04	22.0			98	(1)		123i
-07-47-034	.08	.05	4.0			123:			
	1.22		6.71			252::			
E407-18	1.18	.04	15.0			35	(1)		123i
UKS2323-326, UA438,	.09	.04	3.0			35	(1)		.063
-05-55-012	1.18		7.17			72::			
U12613	1.70	.02	25.1	9	(1)	24	(6)		123i
D216, PEG, 02-59-046	.27	.03	2.0	9		40	(9)		
	1.71		7.18			37			
E471-06	1.55	.03	48.3						123i
UA442, -05-56-001	.75	.04	3.9			112	(1)		.216
	1.55		8.41			100			
E149-03	1.38	.02							123-
	.77	.05							
N7793	1.97	.01	297.2	118	(1)	176	(2)	IRAS23552-3252	123i
E349-12	.17	.02	23.7	118		192	(3)	-8.87	.180
-06-01-009	1.98		9.20			254		5.88:	
D221	2.06	.02	299.8	25	(1)	54	(3)	several	123i
WLM, UA444	.46	.03	24.5	25		80	(3)	-10.63	
-03-01-015	2.07		8.26			74		3.17:	