

**Astronomical League Bright Nebula List Cross-Referenced with Lynds Catalog
to Include LBN # and Lynds brightness estimate (Lb)
(Some corrections have been made—see comments following table)**

#	Primary ID	Other name	Common name	LBN #	Type	Con	RA	Dec	Size	Lb
1	NGC 281	IC 1590	Pac Man	616	E	CAS	00 52.8	+56 36	30	1
2	LBN 619			619	E	AND	00 53.4	+34 35	110	6
3	Sh 2-183				E	CAS	00 53.5	+65 42	45	
4	IC 59 IC 63	Sh 2-185	Gamma Cassiopeiae	620 622	C	CAS	00 56.7	+61 04	40	2 1
5	NGC 896	IC 1795		645	E	CAS	02 25.5	+62 01	13	1
6	IC 1795 IC 1805	Melotte 15	Heart	645 654	E	CAS	02 33.4	+61 26	100	1 3
7	IC 1848		Soul	667	E	CAS	02 50.5	+60 17	40	2
8	vdB 14	BD+59 660			R	CAM	03 29.0	+59 63	46	
9	NGC 1333		Embryo	741	R	PER	03 29.3	+31 25	9	3
10	vdB 15	BD+58 607			R	CAM	03 29.5	+58 52	54	
11	GK-N1901	MCG+7-8-22	Nova Persei 1901		S	PER	03 31.1	+43 54	1	
12	DG 19			721	R	PER	03 35.1	+38 00	12	5
13	IC 348	LBN 758		758	R	PER	03 44.6	+32 10	10	2
14	vdB 20		Electra		R	TAU	03 44.9	+24 07	20	
15	vdB 21	BD+23 516	Maia		R	TAU	03 45.4	+24 22	52	
16	vdB 22	BD+23 522	Merope		R	TAU	03 46.1	+23 56	52	
17	vdB 23	BD+23 541	Alcyone		R	TAU	03 47.2	+24 06	34	
18	IC 353				E	TAU	03 55.0	+25 29	180	
19	NGC 1499		California	756	E	PER	04 00.7	+36 37	150	1
20	NGC 1491		Fossil Footprint	704	E	PER	04 02.9	+51 17	3	1
21	IC 360	LBN 786		786	E	TAU	04 13.0	+25 38	180	4
22	NGC 1554 NGC 1555	Sh 2-238	Hind's Lost Struve's Variable	817	R	TAU	04 21.8	+19 32	1	2
23	LBN 896			896	E	ERI	04 27.2	-06 13	40	5
24	Sh 2-210			712	E	PER	04 30.5	+52 33	20	5
25	NGC 1579		Northern Trifid	767	R	PER	04 30.7	+35 15	12	4
26	NGC 1624			722	E	PER	04 40.0	+50 27	3	1
27	SNR G156.2+05.7				S	AUR	04 58.4	+51 50	110	
28	SNR G160.9+02.6				S	AUR	05 01.0	+46 40	140	
29	IC 2118		Witch Head	959	R	ERI	05 06.9	-07 13	180	3
30	LBN 991			991	E	LEP	05 11.2	-12 26	70	5
31	LBN 945			945	E	ORI	05 15.2	-04 56	90	3
32	IC 405	Caldwell 31	Flaming Star	795	C	AUR	05 16.2	+34 16	60	2
33	NGC 1931			810	C	AUR	05 31.4	+34 14	8	1
34	LBN 1001			1001	E	LEP	05 32.2	-10 58	80	5
35	NGC 1952	M 1	Crab	833	S	TAU	05 34.5	+22 01	6	1
36	Sh 2-264		Lambda Orionis		E	ORI	05 35.2	+09 56	60	
37	NGC 1973/75/77		Running Man		C	ORI	05 35.4	-04 50	40	
38	NGC 1976 NGC 1982	M 42 M 43	Orion	974	E	ORI	05 35.4	-05 27	60	1
39	NGC 1990		Epsilon Orionis	940	E	ORI	05 36.1	-01 12	50	1
40	NGC 1999		Rubber Stamp	979	R	ORI	05 36.3	-06 43	2	1
41	NGC 2070	Caldwell 103	Tarantula		E	DOR	05 38.3	-69 05	16	
42	Sh 2-240	Simeis 147		822	S	TAU	05 39.0	+28 00	200	3
43	IC 425				E	AUR	05 37.1	+32 26	30	
44	IC 434		Horsehead	953	E	ORI	05 41.0	-02 24	60	1
45	Sh 2-218			750	E	AUR	05 41.1	+52 11	90	6
46	LBN 962			962	E	ORI	05 41.3	-03 08	50	
47	NGC 2023 NGC 2024		Flame	954	R E	ORI	05 42.0	-01 50	30	1
48	LBN 1010			1010	E	LEP	05 42.1	-12 58	200	5
49	NGC 2068 NGC 2071	M 78		938	R	ORI	05 46.7	+00 03	30	2
50	Sh 2-276		Barnard's Loop		E	ORI	05 55.0	-01 30	840	
51	NGC 2149				E	MON	06 03.5	-09 44	3	
52	NGC 2174		Monkey Head		E	ORI	06 09.5	+20 40	40	
53	IC 2162	Ced 72		859	E	ORI	06 12.5	+17 59	15	2
54	IC 443	LBN 844	Jellyfish	844	S	GEM	06 17.0	+22 29	50	0
55	Sh 2-249			841	E	GEM	06 20.5	+23 05	80	5
56	IC 2169	Ced 78		903	E	MON	06 31.1	+09 54	25	3
57	NGC 2237/38/39/46	Caldwell 49	Rosette	948	E	MON	06 32.3	+05 03	80	1
58	LBN 943			943	E	MON	06 33.4	+05 37	30	3
59	Sh 2-280			970	E	MON	06 34.2	+02 30	40	4
60	G205.5+00.5	SNR205.6-00.1	Monoceros		S	MON	06 39.0	+06 30	220	

61	NGC 2261	Caldwell 46	Hubble's Variable	920	C	MON	06 39.2	+08 44	2	1
62	NGC 2264		Cone	911	E	MON	06 40.9	+09 54	25	1
63	Sh 2-304			1049	E	CMa	06 43.2	-24 07	200	0
64	NGC 2296	IC 452			R	CMa	06 48.7	-16 54	0.6	
65	NGC 2327	IC 2177	Seagull	1027	E	CMa	07 04.0	-11 18	150	1
66	IC 468	LBN 1040		1040	E	CMa	07 17.3	-13 09	20	3
67	NGC 2359		Thor's Helmet	1041	E	CMa	07 17.6	-13 12	10	2
68	LBN 1064			1064	E	CMa	07 24.5	-29 06	180	6
69	IC 2220		Butterfly		E+*	CAR	07 56.4	-59 07	6	
70	Gum 12		Gum		S	VEL	08 30.0	-45 00	1200	
71	NGC 2736		Pencil		S	VEL	09 00.1	-45 57	30	
72	LBN 683			683	E	UMa	09 14.4	+70 47	300	6
73	LBN 1088			1088	E	ANT	09 30.1	+31 13	180	5
74	LBN 1089			1089	E	ANT	09 57.1	-29 14	150	5
75	LBN 1090			1090	E	ANT	10 01.1	-32 14	140	5
76	RCW 47				E	CAR	10 05.1	-58 57	25	
77	NGC 3199				E	CAR	10 17.2	-57 55	22	
78	RCW 50				E	CAR	10 36.2	-57 09	12	
79	NGC 3372	Caldwell 92	Eta Carina		E	CAR	10 45.0	-59 52	120	
80	Gum 32	RCW 52			E	CAR	10 46.1	-58 39	7	
81	NGC 3503				C	CAR	11 01.3	-59 50	3	
82	RCW 58				E	CAR	11 06.1	-65 34	7	
83	IC 2631				E	CHA	11 09.5	-76 36	10	
84	NGC 3579				E	CAR	11 12.0	-61 14	20	
85	Gum 39				E	CEN	11 28.5	-62 41	20	
86	Gum 41				C	CEN	11 30.2	-63 50	15	
87	RCW 59				E	CEN	11 37.0	-57 00	180	
88	Ced 122				E	CEN	13 25.2	-64 01	150	
89	LBN 11			11	E	LIB	15 50.3	-04 03	15	5
90	LBN 8			8	E	LIB	15 50.3	-05 58	45	6
91	LBN 10			10	E	LIB	15 53.3	-04 42	60	6
92	LBN 1091			1091	E	LIB	15 19.0	-29 51	90	6
93	LBN 1122			1122	E	LIB	15 40.4	-07 09	60	4
94	LBN 19			19	E	SER	15 50.3	-02 49	140	6
95	Siv 10				E	LIB	16 01.0	-20 30	840	
96	RCW 102				E	NOR	16 17.4	-51 55	12	
97	RCW 104				E	NOR	16 24.0	-51 31	20	
98	IC 4604		Rho Ophiuchi	1111	C	OPH	16 25.6	-23 26	60	3
99	LBN 20			20	E	OPH	16 26.4	-09 36	50	4
100	LBN 22			22	E	OPH	16 28.4	-09 31	40	5
101	ESO 226-PN13				R	NOR	16 33.5	-48 06	6	
102	NGC 6188			60	C	ARA	16 40.0	-48 39	20	1
103	IC 4628	Ced 137			E	SCO	16 57.0	-40 20	90	
104	vdBH 81				E	ARA	17 04.0	-51 05	6	
105	NGC 6334		Cat's Paw		E	ARA	17 20.4	-36 06	20	
106	Sh 2-8		area around 6334		E	SCO	17 21.2	-36 02	120	
107	NGC 6357		Lobster		E	SCO	17 24.4	-34 09	90	
108	Sh 2-13				E	SCO	17 30.2	-31 33	40	
109	Sh 2-12			1116	E	SCO	17 35.5	-32 35	150	4
110	NGC 6514	M 20	Trifid	27	C	SGR	18 02.6	-23 02	29	1
111	NGC 6526				E	SGR	18 03.5	-23 22	40	
112	NGC 6523	M 8	Lagoon	25	E	SGR	18 03.8	-24 23	80	1
113	LBN 26			26	E	SGR	18 05.0	-24 19	90	2
114	Sh 2-46			58	E	SER	18 06.1	-14 09	30	3
115	IC 4701	Ced 158		55	E	SGR	18 16.3	-16 44	60	4
116	NGC 6611	M 16	Eagle	67	E	SER	18 18.8	-13 47	35	1
117	LBN 70			70	E	SER	18 19.4	-12 58	180	6
118	LBN 68			68	E	SER	18 19.5	-13 53	35	3
119	LBN 52			52	E	SGR	18 19.5	-17 58	30	2
120	NGC 6618	M 17	Omega	60	E	SGR	18 20.8	-16 11	40	1
121	IC 4812				R	CrA	19 01.0	-37 04	20	
122	NGC 6729	Caldwell 68	R CrA		C	CrA	19 01.5	-36 57	25	
123	IC 1287			75	R	SCU	18 31.3	-10 50	5	3
124	Sh 2-82				C	SGE	19 30.3	+18 16	7	
125	NGC 6820				E	VUL	19 42.5	+23 05	20	
126	IC 4954	LBN 153		153	E	VUL	20 04.4	+29 15	25	2
127	NGC 6888	Caldwell 27	Crescent	203	E	CYG	20 12.0	+38 21	20	1
128	LBN 113			113	E	AQL	20 13.3	-00 51	70	5
129	LBN 331			331	E	CYG	20 13.3	+47 39	120	4
130	LBN 239			239	E	CYG	20 13.4	+41 19	60	2
131	DWB 111		Propeller		E	CYG	20 16.0	+43 40	11	
132	IC 1318		Gamma Cygni/ Butterfly	A245 B251	E	CYG	20 22.2	+40 15	50	1 1
133	LBN 270			270	E	CYG	20 23.4	+42 09	180	5
134	LBN 185			185	E	CYG	20 23.5	+34 19	80	5

135	NGC 6960	Caldwell 34	West Veil	191	S	CYG	20 45.6	+30 42	70	0
136			Pickering's Wisp		S	CYG	20 48.5	+31 09	45	
137	IC 5067/68/70		Pelican	353 328 350	E	CYG	20 50.9	+44 21	80	1 2 3
138	IC 1340		Lacework		S	CYG	20 56.1	+31 04	25	
139	NGC 6992/95	Caldwell 33	East Veil		S	CYG	20 56.4	+31 43	80	
140	NGC 7000	Caldwell 20	North America	373	E	CYG	20 58.8	+44 20	120	4
141	NGC 7023	Caldwell 4	Iris	487	R	CEP	21 01.8	+68 12	18	1
142	Sh 2-129				E	CEP	21 11.4	+59 57	150	
143	IC 1396			A452 B451	E	CEP	21 39.0	+57 29	170	2 2
144	LBN 140			140	E	PEG	21 42.2	+06 13	180	6
145	LBN 306			306	E	CYG	21 44.1	+29 54	40	6
146	IC 5146	Caldwell 19	Cocoon	424	C	CYG	21 53.5	+47 16	10	1
147	Sh 2-137			498	E	CEP	21 57.0	+64 41	120	5
148	Sh 2-134			490	E	CEP	22 11.2	+59 24	190	6
149	Sh 2-155	Caldwell 9	Cave	529	E	CEP	22 56.8	+62 37	50	4
150	IC 1470	Ced 208			E	CEP	23 05.1	+60 15	15	
151	NGC 7538		Northern Lagoon	542	E	CEP	23 13.2	+61 29	10	1
152	NGC 7635	Caldwell 11	Bubble	548	E	CAS	23 20.7	+61 12	15	1
153	Sh 2-163			557	E	CAS	23 33.1	+60 47	18	4
154	DG 191				R	AND	23 40.2	+48 46	90	
155	LBN 434			434	E	PEG	23 42.3	+09 16	80	6

Comments Regarding the Astronomical League Bright Nebula List (as downloaded 11/20/2013)

Object #	Problem Type	Comment
5, 6	Confusing	NGC 896 may be a duplicate item. Generally speaking, it is considered identical to IC 1795.
43	False Object Order Error	According to the Deep Sky Observer's Companion, this object exists only as a photographic plate defect. This item is also placed out of RA order in the list. Left as in original.
47	Confusing	The two objects NGC 2023 and 2024 are combined into the "Flame."
52	Position Error	The listed DEC was incorrect (apparently it was copied from the previous object and not changed). Corrected in table below.
90	Repeated Object	LBN 8 is repeated later in the list. Corrected in table above.
91	Position Error	The listed RA was incorrect (10h instead of 15h). Corrected in table above.
105, 106	Confusing	Sh 2-8 may be a duplicate item. Generally speaking, it is considered identical to NGC 6334. It may be that the list maker considers Sh 2-8 as a larger object surrounding NGC 6334.
123	Order Error	This item is placed out of RA order in the list. Left as in original.
132	Confusing	This item is given a common name of gamma Cygni/Butterfly nebula. However, it is only 1318B and C that make up the Butterfly. It's unclear what is called for here.
137	Confusing	IC 5068 is not generally considered a part of the Pelican. It's unclear why it's included here.
138	Object Type Error	IC 1340 is a part of the Cygnus Loop supernova remnant, but is given as type E rather than SNR. Corrected in table above.