

Filter Performance Comparison based on David Knisely's http://www.cloudynights.com/item.php?item_id=1520 and on <http://dso-browser.com/>

PN: Planetary Nebula, BN: Bright (diffuse emission) Nebula, CN: Cluster with Nebulosity, SNR: Supernova Remnant									Filter type and score				N = 10" f/5.6 S = 9.25" SCT	
Object	Name/Description	Const.	Type	RA	Dec.	Size	Mg.	SB	LP	UHC	OIII	H-β		
IC 1396	Elephant Trunk Nebula	CEP	CN	21h39m05s	+57°30'00"	1.5°	3.5	22.14	2	4	3	1	N 52x; S 59x	
NGC 2264	Cone Nebula	MON	CN	6h41m00s	+9°53'59"	20'	3.9	19.30	2	3	2	1	N 52x	
M42	Orion Nebula	ORI	CN	5h35m17s	-5°22'59"	1.5°x1°	4.0	22.22	3	5	4	3	N 52x, 71x	
NGC 7000	North America Nebula	CYG	BN	21h01m48s	+44°12'00"	2°x30'	4.0	21.78	2	4	4	3	100mm f/6: 22x	
NGC 1499	California Nebula	PER	BN	4h03m11s	+36°21'59"	2.7°x40'	5.0	23.41	2	2	1	4	100mm f/6: 22x; S 59x	
M8	Lagoon Nebula	SGR	CN	18h03m41s	-24°22'59"	45'x30'	5.0	21.72	3	5	5	2	N 52x	
NGC 2237-9	Rosette Nebula	MON	CN	6h30m53s	+5°03'00"	1.3°x1°	5.5	23.59	2	5	5	1	100mm f/6: 22x	
M17	Swan (Omega) Nebula	SGR	CN	18h20m47s	-16°10'59"	11'	6.0	20.10	3	4	5	1	N 52x	
M16	Eagle Nebula	SER	CN	18h18m48s	-13°47'00"	7'	6.0	19.12	2	4	4	2	N 52x	
M20	Trifid Nebula	SGR	CN	18h02m42s	-22°58'00"	28'	6.3	22.43	2	4	3	4	N 52x, 71x	
NGC 7293	Helix Nebula	AQR	PN	22h29m36s	-20°50'00"	16'x12'	6.3	20.90	2	4	5	0	N 52x, 71x	
IC 1805	Heart Nebula	CAS	CN	2h25m29s	+62°00'59"	1°	6.5	24.28	3	4	4	1	N 52x	
IC 1848	Soul (Baby) Nebula	CAS	CN	2h51m23s	+60°25'00"	40'x10'	6.5	21.90	2	4	4	1	8" f/5: 32x; N 52x; S 59x	
Sh2-276	Barnard's Loop	ORI	BN	5h54m24s	-1°00'00"	10°x1°	7.0	27.28	1	2	0	3	100mm f/6: 15x; naked eye	
M43	De Mairan's Nebula	ORI	BN	5h35m30s	-5°16'00"	20'x15'	7.0	22.08	3	3	2	4	N 52x, 71x	
NGC 6960-95	Veil Nebula	CYG	SNR	20h45m38s	+30°42'30"	3°	7.0	21.29	3	4	5	1	N 52x	
NGC 7023	Iris Nebula	CEP	CN	21h01m35s	+68°09'59"	5'	7.1	19.49	3	2	2	1	N 52x	
Sh2-142	Wizard Nebula (nr. NGC 7380)	CEP	BN	22h47m18s	+58°08'00"	25'	7.2		2	4	4	3	N 52x, 71x	
M27	Dumbbell Nebula	VUL	PN	19h59m36s	+22°43'00"	8'x5.7'	7.3	20.33	3	5	4	1	N 52x, 71x	
NGC 281	Pacman Nebula	CAS	CN	0h52m59s	+56°36'59"	4'	7.4	19.30	3	4	4	3	N 52x	
IC 410	(near NGC 1893)	AUR	BN	5h22m41s	+33°25'00"	50'	7.5	24.89	2	4	4	0	N 52x, 71x	
IC 5067-70	Pelican Nebula	CYG	BN	20h50m47s	+44°20'59"	1°x50'	8.0	25.58	2	4	4	3	N 52x, 71x	
NGC 7009	Saturn Nebula	AQR	PN	21h04m11s	-11°22'00"	28"x23"	8.3	15.32	2	4	4	1	N 52x, 71x, 141x	
NGC 6543	Cat's Eye Nebula	DRA	PN	17h58m36s	+66°37'59"	22"x16"	8.3	14.67	2	4	4	1	N 52x, 71x	
M1	Crab Nebula	TAU	SNR	5h34m29s	+22°00'59"	8'x4'	8.4	21.05	3	4	3	0	N 52x, 71x, 141x	
NGC 2392	Eskimo Nebula	GEM	PN	7h29m12s	+20°54'59"	47"x43"	8.6	16.86	2	4	4	0	N 52x, 141x	
NGC 3242	Ghost of Jupiter	HYA	PN	10h24m47s	-18°38'59"	40"x35"	8.6	16.47	2	4	4	1	N 52x, 71x, 141x	
NGC 7662	Blue Snowball	AND	PN	23h25m54s	+42°31'59"	17"x14"	8.6	14.54	2	3	3	1	N 52x, 71x, 141x	
NGC 1360		FOR	PN	3h33m11s	-25°52'00"	6'x4.5'	9.4	21.87	2	4	4	0	N 52x, 71x	
M57	Ring Nebula	LYR	PN	18h53m36s	+33°01'59"	1.4'x1'	9.4	18.72	2	4	4	0	N 52x, 71x	
PK64+5.1	Campbell's Hydrogen Star	CYG	PN	19h34m47s	+30°30'59"	35"	9.6	17.32	2	3	2	4	N 52x, 71x	

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Object	Name/Description	Const.	Type	RA	Dec.	Size	Mg.	SB	LP	UHC	OIII	H-β	S = 9.25" SCT
NGC 7027		CYG	PN	21h07m00s	+42°14'00"	18"x11"	9.6	15.34	2	4	4	0	N 52x, 71x
NGC 6210		HER	PN	16h44m30s	+23°47'59"	20"x13"	9.7	15.74	2	4	4	1	N 52x, 71x, 141x
IC 405	Flaming Star Nebula	AUR	BN	5h16m30s	+34°20'59"	50'x30'	10.0	26.83	2	3	2	4	100mm f/6: 15x, 22x
IC 5146	Cocoon Nebula	CYG	CN	21h53m23s	+47°15'59"	20'x10'	10.0	24.64	2	3	1	3	N 52x, 71x
NGC 6888	Crescent Nebula	CYG	BN	20h12m05s	+38°20'59"	20'x10'	10.0	24.64	2	4	5	1	N 52x, 71x
M76	Little Dumbbell Nebula	PER	PN	1h42m18s	+51°34'59"	2.7'x1.8'	10.1	20.70	2	4	3	0	N 52x, 104x
NGC 246		CET	PN	0h47m06s	-11°52'00"	4'x3.5'	10.4	22.16	2	3	4	0	N 52x, 71x
NGC 40	Bow-Tie Nebula	CEP	PN	0h13m00s	+72°31'00"	1'x40"	10.7	19.15	3	3	3	2	N 52x, 71x
NGC 1514	Crystal-ball Nebula	TAU	PN	4h09m18s	+30°46'59"	2'x1.5'	10.8	20.88	2	4	4	0	N 52x, 71x
NGC 4361		CRV	PN	12h24m30s	-18°46'59"	1.3'	10.9	20.42	2	4	4	0	N 52x, 71x
IC 434	Horsehead Nebula	ORI	BN	5h41m00s	-2°27'00"	1.5°x30'	11.0	28.47	2	3	0	4	N 52x, 71x, 104x
NGC 7635	Bubble Nebula	CAS	BN	23h20m11s	+61°11'00"	15'x8'	11.0	25.09	2	4	4	3	N 52x, 71x
M97	Owl Nebula	UMA	PN	11h14m48s	+55°00'59"	3.4'x3.3'	11.0	22.49	2	4	5	0	N 52x, 104x
NGC 2438		PUP	PN	7h41m48s	-14°44'00"	1.1'	11.0	20.06	2	3	4	0	N 52x, 104x
NGC 7048		CYG	PN	21h14m17s	+46°16'59"	1'x50"	11.0	19.69	2	3	4	0	N 52x, 71x
NGC 2371-2		GEM	PN	7h25m36s	+29°30'00"	1.2'x54"	11.2	20.20	2	4	4	0	N 52x, 71x, 104x
PK205+14.1	Medusa Nebula	GEM	PN	7h28m59s	+13°15'00"	10'x6'	11.3	24.64	2	3	4	0	N 52x, 71x
NGC 7129-33		CEP	CN	21h43m00s	+66°07'00"	2.7'	11.5	22.55	2	3	3	1	N 52x, 71x
NGC 2440		PUP	PN	7h41m53s	-18°13'00"	54"x20"	11.5	19.08	2	4	4	0	N 52x, 71x
NGC 2022		ORI	PN	5h42m06s	+9°04'59"	28"x27"	11.7	18.90	3	4	5	0	N 52x, 71x
NGC 6781		AQL	PN	19h18m29s	+6°31'59"	1.9'x1.8'	11.8	22.01	3	4	4	0	N 52x, 71x
IC 443		GEM	SNR	6h17m12s	+22°30'59"	50'x40'	12.0	29.14	1	4	3	2	S 59x
NGC 7008		CYG	PN	21h00m29s	+54°32'59"	1.4'x1.2'	12.0	21.43	2	4	4	0	N 52x, 71x
NGC 6905	Blue Flash Nebula	DEL	PN	20h22m23s	+20°06'00"	44"x38"	12.0	20.06	3	4	4	1	N 52x, 71x
NGC 7026		CYG	PN	21h06m17s	+47°50'59"	25"x9"	12.0	17.88	2	3	3	0	N 52x, 71x
NGC 6804		AQL	PN	19h31m35s	+9°14'00"	1.1'x50"	12.4	21.15	2	3	4	0	N 52x, 71x
NGC 2346	Butterfly Nebula	MON	PN	7h09m24s	-0°48'00"	1'x50"	12.5	21.19	2	3	3	0	N 52x, 104x
NGC 6302	Bug Nebula	SCO	PN	17h13m41s	-37°05'59"	1.2'x30"	12.8	21.14	2	3	3	0	N 52x, 71x
NGC 6445		SGR	PN	17h49m18s	-20°00'59"	35"x30"	13.0	20.55	2	4	3	0	N 52x, 71x
NGC 7139		CEP	PN	21h46m06s	+63°47'59"	1.4'x1.2'	13.5	22.95	2	3	4	0	N 52x, 71x
PK164+31.1	Headphone Nebula	LYN	PN	07h57m52s	+53°15'17"		14.0		2	3	3	0	N 52x
IC 1318	Gamma Cygni Nebula	CYG	BN	20h25m59s	+40°00'00"	45'x20'	14.9	31.18	2	3	1	4	100mm f/6: 15x; 8" f/5: 32x

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IC 1283	NGC 6589	SGR	BN	18h16m53s	-19°46'59"	15'			2	3	3	4	N 52x, 71x
IC 2162	Sh2-254-5-6-7-8	ORI	BN	6h12m54s	+17°59'00"	4'			2	3	2	3	N 52x
IC 2177	Seagull Nebula	MON	BN	7h05m06s	-10°41'59"	20'			2	3	2	3	N 52x; 100mm f/6: 22x
IC 417		AUR	BN	5h28m05s	+34°25'00"	13'x10'			2	3	3	4	N 52x, 71x
IC 4628		SCO	BN	16h57m00s	-40°27'00"	1.5°x1°			2	4	2	3	N 52x, 71x
IC 5076	(inside cluster NGC 6991)	CYG	BN	20h55m54s	+47°25'00"	7'			2	2	2	3	N 52x, 71x
NGC 1491		PER	BN	4h03m11s	+51°18'59"	9'x6'			3	5	4	0	N 52x, 71x
NGC 1999		ORI	BN	5h36m23s	-6°43'00"	2'			2	1	1	1	N 52x, 71x
NGC 2024	Flame Nebula	ORI	BN	5h41m42s	-1°51'00"	30'			3	3	2	1	N 52x
NGC 2174		ORI	BN	6h09m24s	+20°39'59"	40'x30'			2	4	4	0	N 52x, 71x
NGC 2327		CMA	BN	7h04m05s	-11°18'59"	20'			2	3	2	4	N 52x, 71x
NGC 2359	Thor's Helmet	CMA	BN	7h18m30s	-13°14'00"	10'x5'			2	4	5	0	N 52x, 71x
NGC 604	(HII region in M33)	TRI	BN	1h34m36s	+30°46'59"	2'			2	3	4	2	N 52x, 71x
NGC 6334		SCO	BN	17h20m47s	-36°05'59"	2°x1.8°			2	4	3	3	N 52x
NGC 6357		SCO	BN	17h24m42s	-34°12'00"	50'x40'			2	3	4	1	N 52x
NGC 6559		SGR	BN	18h09m59s	-24°07'00"	5'x4'			2	4	2	2	N 52x
NGC 7538		CEP	BN	23h14m06s	+61°29'00"	8'x7'			3	4	4	0	N 52x, 71x
NGC 7822		CEP	BN	0h02m12s	+67°24'59"	20'x4'			2	3	2	2	N 52x, 71x
Sh2-101	Tulip Nebula	CYG	BN	20h00m00s	+35°16'59"	16'x9'			2	3	2	3	N 52x, 71x
Sh2-112	(N.W. of Deneb)	CYG	BN	20h33m54s	+45°39'00"	15' x 7'			3	4	4	1	N 52x, 71x
Sh2-13		SCO	BN	17h29m00s	-31°30'59"	40'x39'			2	4	2	2	N 52x
Sh2-132		CEP	BN	22h19m18s	+56°05'59"	40'x25'			2	4	4	3	N 52x, 71x
Sh2-155	Cave Nebula	CEP	BN	22h56m54s	+62°36'59"	15'x10'			2	1	1	0	N 52x, 71x
Sh2-157	"Fingers" Nebula	CAS	BN	23h16m06s	+60°01'59"	1°x50'			2	3	3	2	N 52x, 71x
Sh2-170	Small Rosette Nebula	CEP	BN	23h59m30s	+64°20'15"	25'			2	3	2	2	N 52x, 71x
Sh2-171	Ced 214	CEP	BN	0h03m42s	+67°13'00"	50'x40'			2	3	2	2	N 52x
Sh2-235		AUR	BN	5h41m05s	+35°51'59"	7.8'x3.2'			3	3	2	4	N 52x, 71x
Sh2-261	Lower's Nebula	ORI	BN	6h08m36s	+15°47'00"	30'x25'			2	3	3	2	N 52x, 71x
Sh2-311	(near NGC 2467)	PUP	BN	7h52m24s	-26°24'59"	16'x12'			3	4	3	0	N 52x, 71x
Sh2-54		SER	BN	18h17m53s	-11°40'58"	140'			2	4	2	3	N 52x, 71x
Sh2-84		SGE	BN	19h49m00s	+18°23'59"	15'x3'			1	3	1	2	N 52x, 71x
vdB93 (Gum-1)		MON	BN	7h04m29s	-10°27'59"	19'x17'			2	3	1	4	N 52x, 71x