

BFSP Targets

Object	Type	Const	Name	Scope	Filter to Use	Notes
Misc:						
M31 V1	Galaxy	Andromeda	Hubble variable	8"	L-Pro	5 minute subs for 30 minutes
M31 widefield	Galaxy	Andromeda		EVO50	L-Pro	5 minute subs for 30 minutes
NGC520	Galaxy	Pisces	Hubble galaxy	8"	L-Pro	5 minute subs for 30 minutes
NGC7619	Galaxy	Pegasus	Hubble galaxy	8"	L-Pro	5 minute subs for 30 minutes
NGC6822 (Aug Sky&Tel P.57)	Galaxy	Sagittarius	Hubble galaxy	8"	L-Pro	5 minute subs for 30 minutes
M33	Galaxy	Andromeda		8"	L-Pro	5 minute subs for 30 minutes
M33 widefield	Galaxy	Andromeda		EVO50	L-Pro	5 minute subs for 30 minutes
Andromeda's Parachute	Quasar	Andromeda	Quad Lens Quasar		L-Pro	RA: 01h 47m 09s, DEC +46 30 37 try 5 sec for 15 min
NGC7714 & 7715 (Arp284)	Quasar	Pisces	QSO2333+019	8"	L-Pro	5 minute subs for 30 minutes
IC1805	E. Nebula	Cassiopeia	Heart Nebula	EVO50	L-Pro	5 minute subs for 30 minutes
NGC253	Galaxy	Sculptor	Silver Coin	8"	L-Pro	5 minute subs for 30 minutes
NGC253 widefield	Galaxy	Sculptor	Silver Coin	EVO50	L-Pro	5 minute subs for 30 minutes
Baades Window (NGC6522)	Starcloud	Sagittarius		EVO50	L-Pro	3 or 5 minute subs for 15 or 30 minutes
NGC 5981-5982-5985	Galaxy	Draco	Draco Trio	8"	L-Pro	3 or 5 minute subs for 15 or 30 minutes
NGC6820	E. Nebula	Vulpecula	SH2-86	8" & EVO50	L-eNh & L-Pro	3 or 5 minute subs for 15 or 30 minutes
Cygnus X-1	Black Hole	Cygnus		8"	L-Pro	one of the first known black holes in our galaxy. The bright blue supergiant HDE 226868 that is the other part of the Cygnus X-1 binary system is easy to spot. But, seeing the bow shockwave of Cygnus X-1 via EAA will be extremely difficult. Located near Sh2-101 (Tulip Nebula). See August Eaa Cloudynight challenge
Sky & Tel Various Planetary Neb	P. Nebula		July P.29 / Aug P.20	8"	L-eNhnance	try very short exp and new livestack CN settings
Dark Nebula:						
B86 (NGC6520 Open Cluster)	D. Nebula	Sagittarius	Ink Spot	8" & EVO50	L-Pro	3 or 5 minute subs for 15 or 30 minutes
B142 & B143	D. Nebula	Aquila	Barnard's "E"	EVO50	L-Pro	3 or 5 minute subs for 15 or 30 minutes
B160 & B161 (IC1396)	D. Nebula	Cepheus	Elephant Trunk	EVO50	L-Pro	extends on either side of IC1396. 3 or 5 min sub - 30 min
IFN (Integrated Flux Nebula):						
December 2022 Sky&Tel	IFN	Andromeda	IFN2,3,4	EVO50	L-Pro	near M31 and M33. Use EVO50mm or Canon zoom
IFN32 - Alpha Hercules	IFN	Lyra		EVO50	L-Pro	around A Herc. Use EVO50mm or Canon zoom
IFN33 - Vega	IFN	Lyra		EVO50	L-Pro	around Vega. Use EVO50mm or Canon zoom
IFN34 - Epsilon Lyra	IFN	Lyra		EVO50	L-Pro	around Epsilon Lyra. Use EVO50mm or Canon zoom
IFN42 - Iris Nebula	IFN	Cepheus		EVO50	L-Pro	extends south of the reflection nebula
Observers Challenge Report:						
IC10	Galaxy	Cassiopeia		8"	L-Pro	
IC1848	E. Nebula	Cassiopeia	Soul Nebula	EVO50	L-Pro	5 minute subs for 30 minutes
<i>Re-Shoot if time</i>						
NGC6891	P. Nebula	Delphinus		8"	L-Pro	try very short exp and new livestack CN settings
NGC7027	P. Nebula	Cygnus		8"	L-Pro	try very short exp and new livestack CN settings
Solar System Objects:						
Comet 2021/ T4 (Lemmon)	Comet	Libra		8"	L-Pro	see the TheSkyLive for charts
Comet 2023/E1 (Atlas)	Comet	Pegasus		8"	L-Pro	see the TheSkyLive for charts
Comet 103P (Hartley)	Comet	Andromeda		8"	L-Pro	see the TheSkyLive for charts
Comet 2023 P1 (Nishimura)	Comet	Cancer		8"	L-Pro	see the TheSkyLive for charts
Comet 2020 V2 (ZTF)	Comet	Eridanus		8"	L-Pro	see the TheSkyLive for charts
8 Flora	Asteroid	Aquarius		8"	IR	see the TheSkyLive for charts
Saturn	Planet	Aquarius		8"	IR	
Jupiter	Planet	Aries		8"	IR	
Uranus	Planet	Aries		8"	IR	see the TheSkyLive for charts
Neptune	Planet	Pisces		8"	IR	see the TheSkyLive for charts
Sun	star			8" & EVO50	IR/Continuum	eclipse practice using Sharpcap

