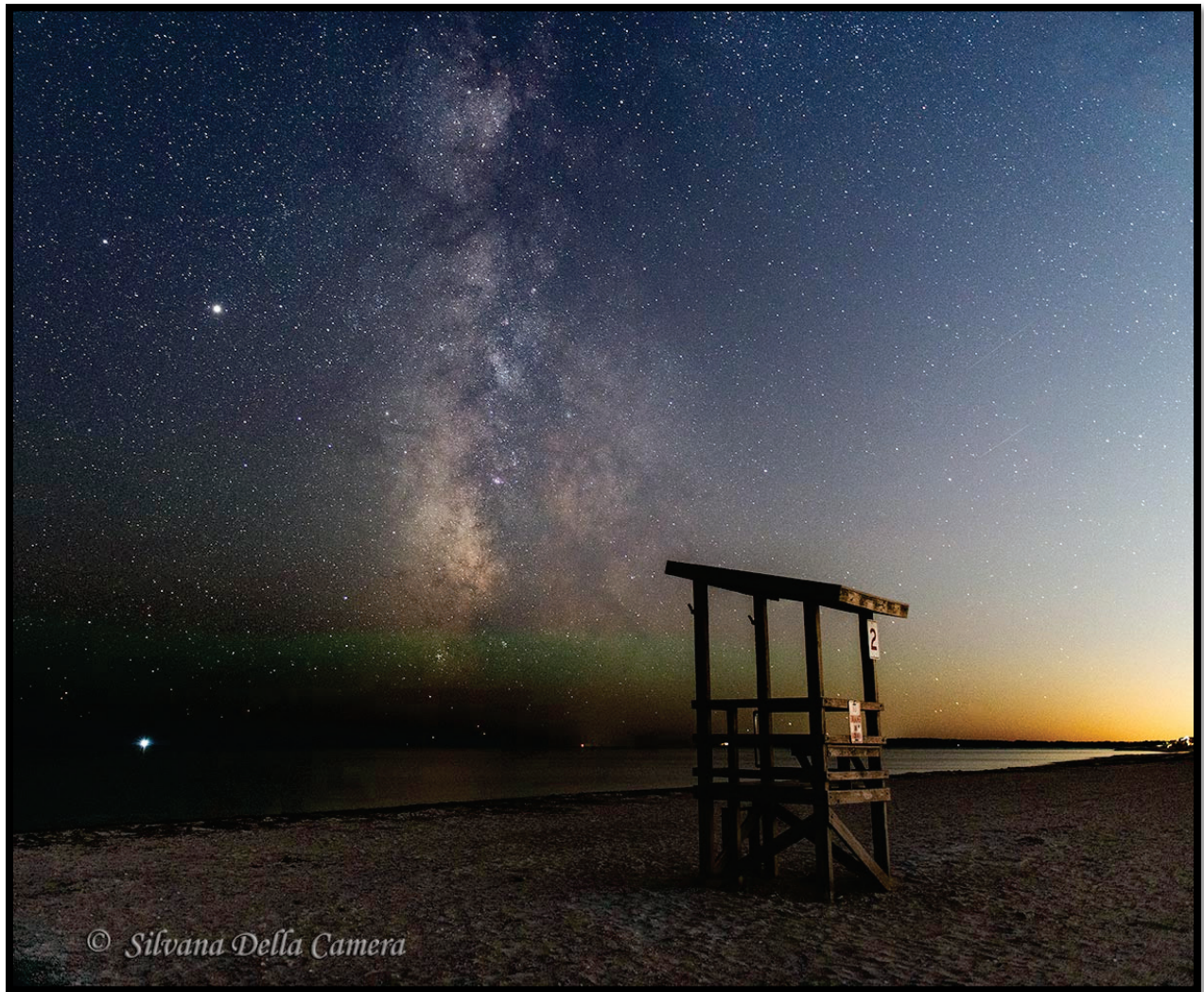




## Astrolandscape Photography Cheat Sheet



### Basic Settings

- Shoot RAW
- Manual Mode (M)
- Set your LCD brightness to -3 (saves battery and night vision)
- Turn ON RGB Histogram and blinkies (aka highlights)
- Turn OFF long exposure noise reduction (LENR) and high ISO noise reduction.
- Set WB 3750K - 4350K (sky should appear neutral, not brown and not blue)

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# SILVANA DELLA CAMERA PHOTOGRAPHY

- Use remote shutter release or shutter delay to prevent camera shake.
- Use a sturdy tripod
- *Pay close attention to histogram*

***Do not rely on the played-back image on your LCD. Use your histogram to determine exposure. Histograms that look like the ones framed in red are not good. Your goal is a histogram that looks like the ones framed in green.***

- ISO 500-12,800+ depending on camera.
- Fast, sharp lenses f/2.8 or better
- Stars are sharp when they are pinpoints.
- Determine longest shutter speed for camera/lens/aperture for pinpoint stars (use NPF rule)
- Shoot at widest aperture.
- Short exposures unless on a tracker.
- Focus on bright planet or far-off light source.
- Turn off auto focus
- Use focus peaking (if available)
- ISO is determined by the shutter speed. Don't be afraid of high ISO!

## Planning Tools

- Stellarium – Planning tool for astronomy. Browser, computer program (free), phone and tablet apps (paid)
- Mobile Observatory Pro – Full featured planning too. (free and paid).
- PlanIt! Pro – Full featured planning tool. Android and IOS (free and paid)
- PhotoPills – Planning tool Android and IOS (paid)
- LunaSolCal – Sun & Moon info, twilight and more. Free
- Clear Outside – forecasts clarity of skies (online and mobile apps). Free

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# SILVANA DELLA CAMERA PHOTOGRAPHY

- Astrospheric – forecasts clarity of skies (online and mobile apps). Free and paid
- Compass 54 – Compass app

## Suggested accessories

[Focus on Stars Filter](#)

[Dew Heater](#)

[Dew Heater Battery](#) – Any power bank with a 5V output will work.

[Dummy Battery & External Power adapter](#) (link is for Nikon but many [other](#) cameras are supported)

[Power Bank](#) for camera external power adapter

[External Intervalometer](#)



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