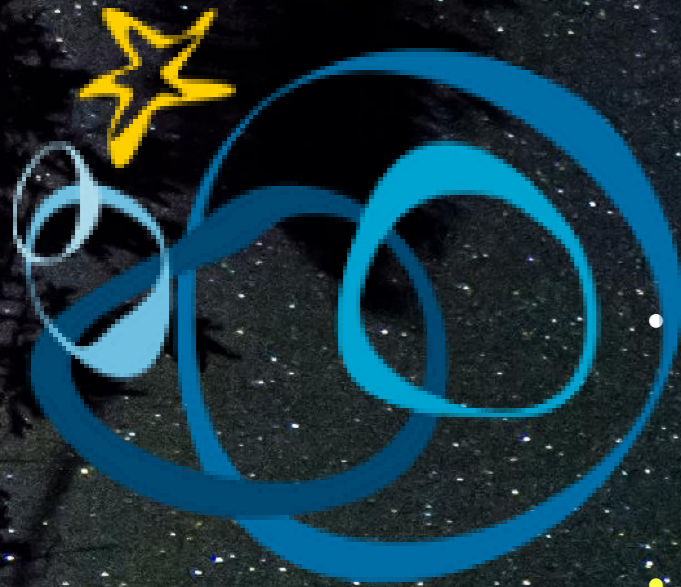


Protecting The Night

A night sky with a crescent moon and a sunset over a forest. The sky is a deep blue, transitioning to a warm orange and yellow glow near the horizon. The foreground is dominated by the dark silhouettes of trees and bushes. A few power lines are visible stretching across the middle ground.

Starlight Foundation

- The Canaries Astrophysics Institute (IAC) created the Starlight Foundation in December 2009.
- Manage, promote and spread Starlight Initiative around the world.
- **To help protect the night sky and to defend the right to observe the stars.**
- The Starlight Initiative received the support of UNESCO, the International Astronomical Union and the World Tourism Organization.



STARLIGHT
TOURIST
DESTINATION



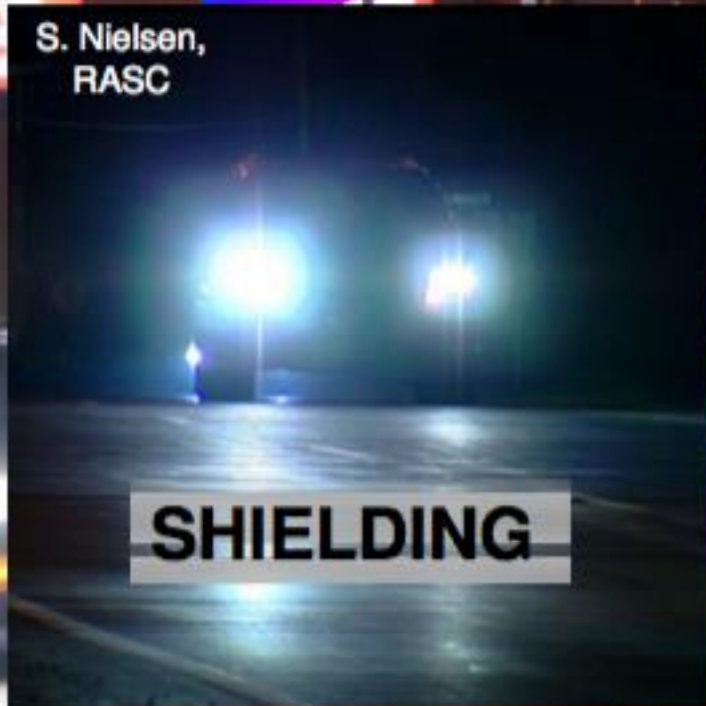
Understanding Light



COLOUR

**Understanding
Light**

BRIGHTNESS



S. Nielsen,
RASC

SHIELDING



Situation

- 2014 - Starlight Certifications
- We have proven since 2015 that astrotourism attracts people to our region.
- **2000+ people at Deep Sky Eye alone.**
- There are still no laws no laws governing lighting in our region.
- We need to create **polices AND bylaws.**
- Recertification in progress - 2019



Policies

- A lighting policy will a good start to show how the municipality would implement proper lighting.
- Not legally binding
- These policies would not apply to residential or commercial properties.
- **Note: This where most of the problems will likely arise.**
- But it's good first step and can be done is a short amount of time.



By-Law

- There is no bylaw in Argyle concerning lighting.
- In the NS Municipal Government Act it allows municipalities to create by-laws related to “**nuisances**”.

Section 172 (d) nuisances, activities and things that, in the opinion of the council, may be or may cause nuisances, including noise, weeds, burning, odours, fumes and vibrations and, without limiting the generality of the foregoing, by-laws

- Although light is not specifically mentioned, I have confirmed with the Royal Astronomical Society of Canada’s Light Pollution Committee that municipalities in NS are permitted to create bylaws on what they consider to be nuisances.



By-Law

- All residential/commercial outdoor lighting should not shine beyond the owner's property or cast a shadow beyond the property line.
- May be as simple as adding Lighting to the Noise by-law

MUNICIPALITY OF THE DISTRICT OF ARGYLE

BY-LAW # 9A

NOISE & Lighting

Title

1. This By-Law is entitled the "Noise By-Law".



By-Law

THE MUNICIPALITY OF ARGYLE

BY-LAW NO. XX-XX

BEING a By-law to Regulate outdoor Illumination and Control Light Pollution to ensure responsible light, light pollution abatement, *conservation of natural areas, natural darkness required for the health of plants, animals and humans* and the conservation of the *heritage, enjoyment and use of the* night sky environment.



Light Pollution



Street Lights

Residential Lighting

Commercial Lighting



**If we don't have bylaws
regarding light trespass**

















