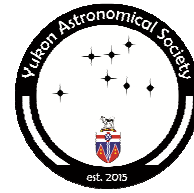


# Royal Astronomical Society of Canada: Yukon Centre



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Thursday, October 27, 2016

To Whom It May Concern,

The Royal Astronomical Society of Canada: Yukon Centre (Yukon Astronomical Society), is a new non-profit and registered organization of 39 active and enthusiastic, amateur and professional astronomers. Since our inception, on October 5th 2015, the Society's mandate has been to bring forward a positive change to Whitehorse and all of the 18 communities in the Yukon. This includes, protecting and promoting Yukon's natural and urban environments, as well as its wonderful night-skies.

This election, we are asking all the parties:

Question 1:

There is a growing body of research<sup>1</sup> that proves the negative effects of light pollution on both the environment and human health. Just earlier this year the American Medical Association re-affirmed their warning about health effects from artificial light at night. **What would your party do to preserve, and reclaim our night-sky heritage, to delight our guests and inspire future generations of Yukoners?**

Question 2:

The bright white light used in many LED exterior and street lighting is now know to cause up to 5-times more light pollution than the currently used amber coloured street lights. There are a growing number of complaints from both Yukoners and our visitors, about the negative effects they are experiencing from the bright-white LED streetlights. Furthermore, human eyes are more sensitive to blue-rich white lights because they scatter more light within the eye and cause glare effects, which has implications for road safety, especially for our community's elders. Warm-white LED lighting reduces these issues and is readily available for equivalent costs. **Would your party commit to requiring the use of warm-white, or amber coloured night-sky friendly exterior lighting, on all new or renovated Yukon Government (or government funded) buildings and all utility supplied roadway lighting?**

Yours Aye,

Anthony Gucciardo  
President  
RASC: Yukon Centre (Yukon Astronomical Society)

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<sup>1</sup> <http://darksky.org/ama-report-affirms-human-health-impacts-from-leds/>

<http://www.atmob.org/library/resources/AMA%20Health%20Effects%20Light%20at%20Night.pdf>

<http://theconversation.com/american-medical-association-warns-of-health-and-safety-problems-from-white-led-streetlights-61191>