

LIGHT-EFFICIENT COMMUNITY VIDEOS

Light-EfficientCommunities.com

A. "Demons in the Light Modules" on Youtube.com

As development of the film "Demons in the Light" progresses, video modules are being prepared and released for use by activists and/or any interested person or organization.

These videos have been prepared for a general audience and interested individuals. They provide a "Reader's Digest" overview of the various subjects indicated. They may be used by activists in their presentations to introduce various topics related to the many, diverse, negative effect of waste light, light trespass and light pollution. They are designed to provide a basic foundation of understanding of these topics so that the viewers can then further their interests through discussion, research, etc. in this area if they so wish.

Transcripts of the modules are also available and may be downloaded separately from the LEC web site.

The following modules from the film "*Demons in the Light*" are now available on Youtube.com They may be accessed by clicking on the links below.

Demons in the Light - Light Waste - An Overview

(See the LEC web site for access.)

Note: This film was uploaded to the LEC.COM web site on January 5, 2020 and contains a condensed version of the modules below. The modules below generally carry much more information on the topics indicated. An additional film "Demons in the Light - Solutions is in the planning stage and will be added to this list when available.

Released: January 29th, 2020

Time: 33 minutes

Location: www.YouTube.com

Format: 4K Video – MP4 (original video in Ultra-High Definition format)

(Use the high-definition video setting for best results.)

Target Audience: municipal councillors, LEC members, educators, advocates, for public education use, personal education, etc. High school and above reading level.

Goals: to raise and increase awareness of the serious negative effects of artificial light at night on human, flora and fauna health and welfare as well as the night environment and climate change based on the findings of scientific research.

This film is part of the "**Demons in the Light**" series. It presents an overview of Light Waste and the many serious negative effects and costs it creates from financial, resource waste, etc. to health effects on humans, flora, fauna, the night environment and climate change.

It may be used as a general introduction to the topic of waste light, and pollution by a presenter or as a personal learning experience.

Content: This film looks at the subject of light waste and pollution in the following areas. The topics and the time positions are indicated below.

Title: Demons in the Light Series - Light-Waste - An Overview

Release Date: January 5, 2020

Release Through: YouTube.com (See LEC web site for access)

Producer / Director: Rod E. Mc Connell

Production: produced in high quality 4K.

Video and stills shot on Lumix still and video cameras

Editing: Film edited with Corel VideoStudio Ultimate 2018 on HP Pavilion computer with 4.1 AMD chip.

Topic:	Time Position (min./sec.)
- <i>Background</i>	0.20
- <i>The Problem</i>	3.50
- <i>Waste Light Costs</i>	9.40
- Energy Costs	11.08
- Financial Costs	13.50
- Community Costs	14.50
- Waste Light	15.04
- Human Health & Welfare	15.50
- Culture	18.13
- Education and Research	19.40
- Quality of Life	20.57
- Flora Health and Welfare	22.12
- Fauna Health and Welfare	23.15
- The Night Environment	26.25
- Climate Change	27.41
- <i>The End</i>	32.57

Other LEC videos on YouTube:

Introduction

<https://www.youtube.com/watch?v=W1BNWfoSjIE>

Module 1 - The Problem

<https://www.youtube.com/watch?v=rivivw7D3rA>

Module 2 - Costs of Light Waste

<https://www.youtube.com/watch?v=X8FY1-yiIw0>

Module 3 - Effects on Health -

<https://www.youtube.com/watch?v=PBn3h2Cr588>

Module 6 - Effects on Environment and Climate Change

<https://www.youtube.com/watch?v=tS7teK5yS2c>

Module 7 - Effects on Astronomical Sciences and Science Education

<https://www.youtube.com/watch?v=G6Y1SFjMYMY>

Module 8 - Effects on Flora

<https://www.youtube.com/watch?v=52hx-aMa9N4>

Module 9 - Effects on Fauna

<https://www.youtube.com/watch?v=S8e27W0qPLo>

Module 10 - Lighting and Crime/Security

<https://www.youtube.com/watch?v=he2AIYgZCrw>

B. LEC Presentation Videos on Youtube.com:

The following are video presentations prepared for the La Palma international conference on Dark Skies - 2015 and 2016 respectively as well as the IDA conference in Boston.

2015 - La Palma Presentation - How We Are Becoming LEC

<https://www.youtube.com/watch?v=6W1eeI58GAQ>

This presentation covers the development of Edmonton into a Light-Efficient Community and is intended as one model which may be used by other communities in their efforts.

2016 - La Palma Presentation - Introduction to the film "Demons in the Light"

<https://www.youtube.com/watch?v=g7Vk155O18U>

This video is an overview of the development of "Demons in the Light" and may be accessed through the link above.

2017 - International Dark Sky Association AGM - Boston - November 11, 2017

<https://www.youtube.com/watch?v=FvadTFo9HpE>

This video is an overview of what has transpired in Edmonton in development of the Light-Efficient Community Policy and the advent of the first LEC-Compliant luminaire called Lumicana produced by Lumican (lumican.com). More information on Lumicana luminaires will be released in the near future once the luminaire has been released.

NOTE:

Although Copyrighted, the above listed videos may be freely downloaded, copied and distributed "as is" for educational purposes only. The objective is to make as many people as possible aware of Light Waste, its phenomenal waste of resources, money and lives for people, flora and fauna. With awareness comes the desire to make things better in the community through positive changes to exterior lighting.

The videos may not be re-edited for your own purposes nor images copied from the video without specific permission of the creator - Rod E. Mc Connell (rodemcc@shaw.ca)