

LEC GUIDE 2022

INDEX

NOTE: The LEC GUIDE 2022 has been divided into two to reduce download times. Please locate the document you want then download the correct part first.

Four views of Edmonton's Light Waste & Pollution Problem

The Light-Efficient Community Guide (Title)

The Light-Efficient Community Guide (Copyright)

Light-Efficient Communities Basics

NOTE: About Using This Book

An Introduction to Light Waste - "Demons in the Light"

Cool White LEDs vs. Warm White LEDs

Part 1 - LEC GUIDE 2022

1. - Overview
2. - LEC Guidelines
3. - What is a LEC?
4. The Prime Principle Explained
6. LEC - QuickView
8. LEC Goals & Benefits
9. The LEC - A Light Waste Solution
11. LEC's - Goals, Objectives & Approaches
13. LEC's - Basic Concepts & Principles
16. Who's Involved?
17. Why We Are Becoming a LEC
19. A LEC Addresses
22. Human Health & Well-Being
24. Light Waste - Effects on Health
26. Human Safety
27. Human Activities at Night
29. Light Waste - Effects on Astronomy & Star Gazing
31. Light Waste - A Night Environment Problem

33. Light Waste - Lighting & Crime
35. Light Waste - Effects on Culture
37. Light Waste - Effects on Energy Use
39. Light Waste - Effects on Finances
41. Fauna Health & Well-Being
43. Light Waste - Effects on Fauna
45. Flora Health & Well-Being
46. Light Waste - Effects on Flora
48. Light Waste - Effects on Climate Change

Part 2 - LEC GUIDE 2022

49. Light Waste - The Problem of Light Trespass
51. Light Waste - Yard Lights
53. Light Trespass by Street Lights
54. LEC-Compliant Lighting
55. Better Lights for Better Nights
56. Luminaires - the Worst, The Bad, the Better and the Best!
57. Luminaires - IDA-Approved VS LEC Specifications
58. How are Luminaire Efficiencies Described?
59. Light & Colour Temperature
61. Lighting Controls
63. Beware the Blue - LED Lighting
65. The "10 to 6" Light Waste Minimization Program
67. Best Practices
68. Summary
69. What Can I do Now?
75. Activities For the Lighting Designer
79. Is My Home Light-Efficient?
84. Is My Business Light-Efficient?
92. Lighting Choices Checklist
93. Evaluating the LEC
101. A Councillor's Cheat Sheet
- 105 LEC Streetlight/Area Lighting Specs.
107. Related Resources
108. Notes