

THE INTERNATIONAL DARK-SKY ASSOCIATION

Saving Dark Skies



INTERNATIONAL DARK-SKY ASSOCIATION

LIGHT POLLUTION



Image: Mike Knell

International Dark-Sky Association | 2019

SKYGLOW

GLARE

LIGHT TRESPASS





LIGHT POLLUTION CONSEQUENCES

1. ECOLOGICAL IMPACTS

TURTLES

cannot find their way
to the sea



KELLIE PENDOLEY

BIRDS

Get confused
in the light





TREES

bud earlier and lose
their leaves later
under artificial light

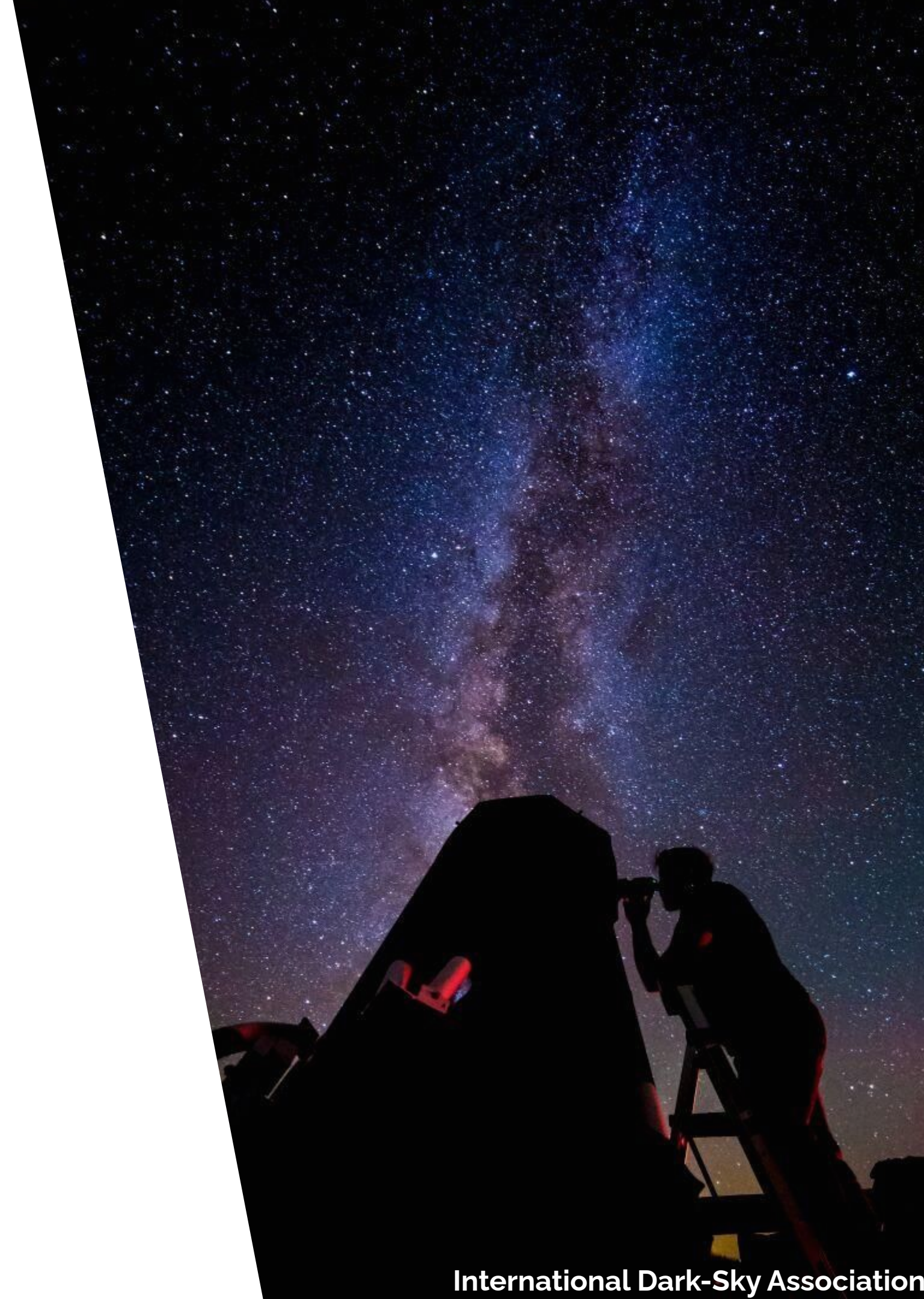
2. HUMAN HEALTH

MELATONIN

hormone that regulates sleep wake cycle
(circadian rhythm)

AMERICAN MEDICAL ASSOCIATION

Human and Environmental Effects of Light
Emitting Diode Community Lighting 2016 report



3. HERITAGE OF DARK SKIES



INSPIRATION

DARK NIGHT SKIES HAVE INSPIRED PEOPLE THROUGHOUT
HUMAN HISTORY

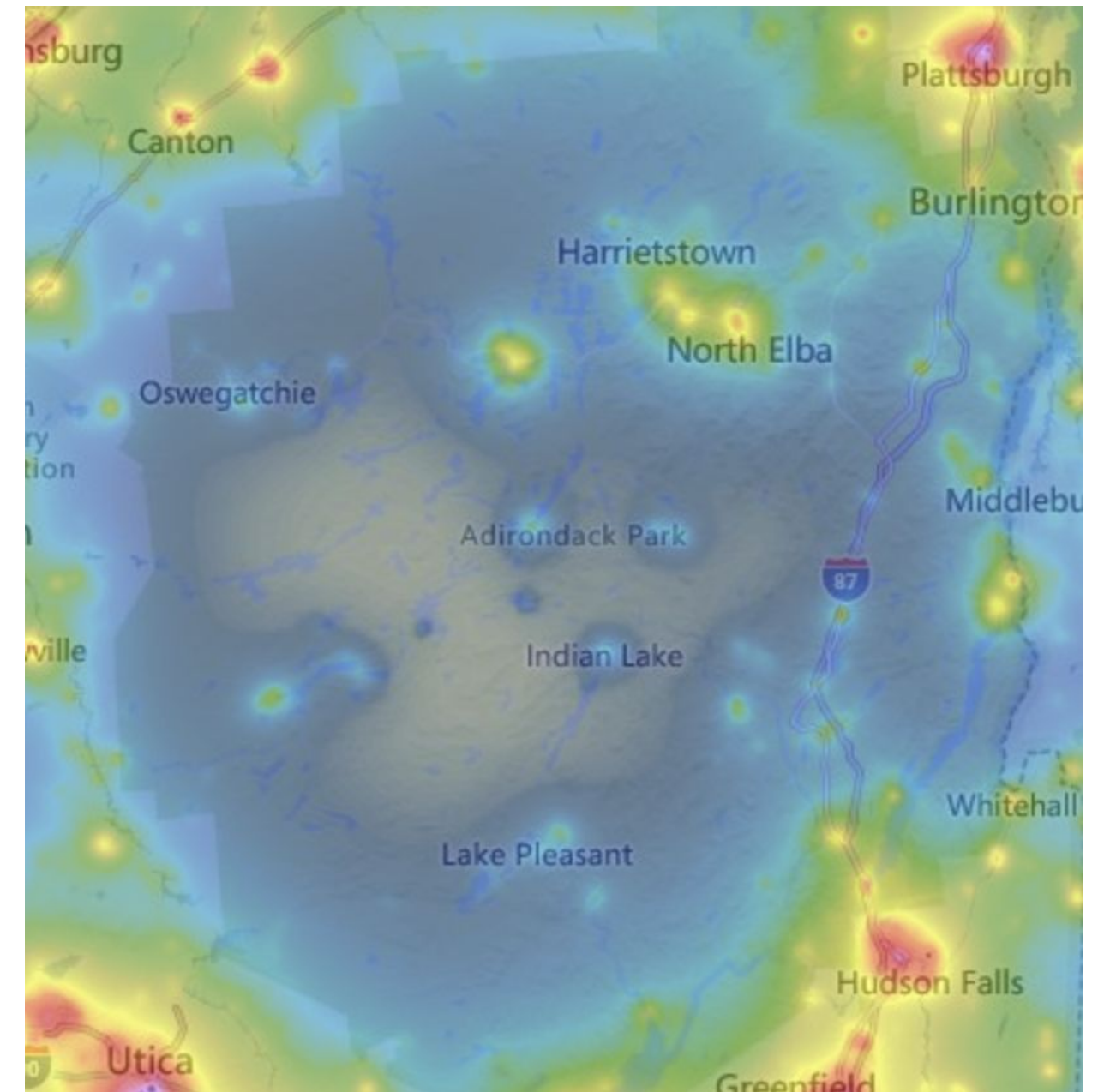
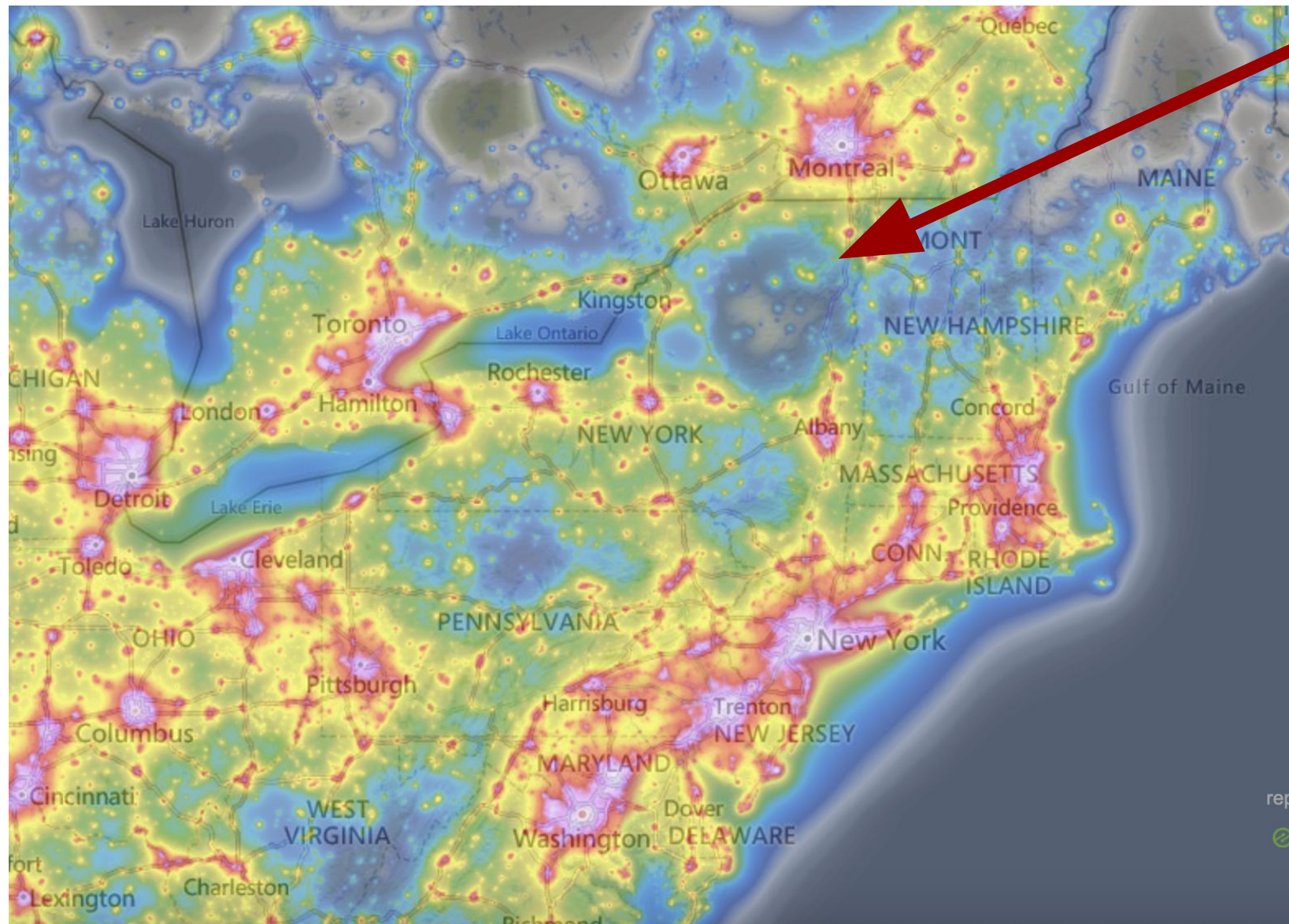


Light pollution is increasing at 2 % per year

UNIQUE DARK SKY RESOURCE

Eastern US

Adirondack Park





DARK SKY PRINCIPLES

USEFUL: use light only where needed

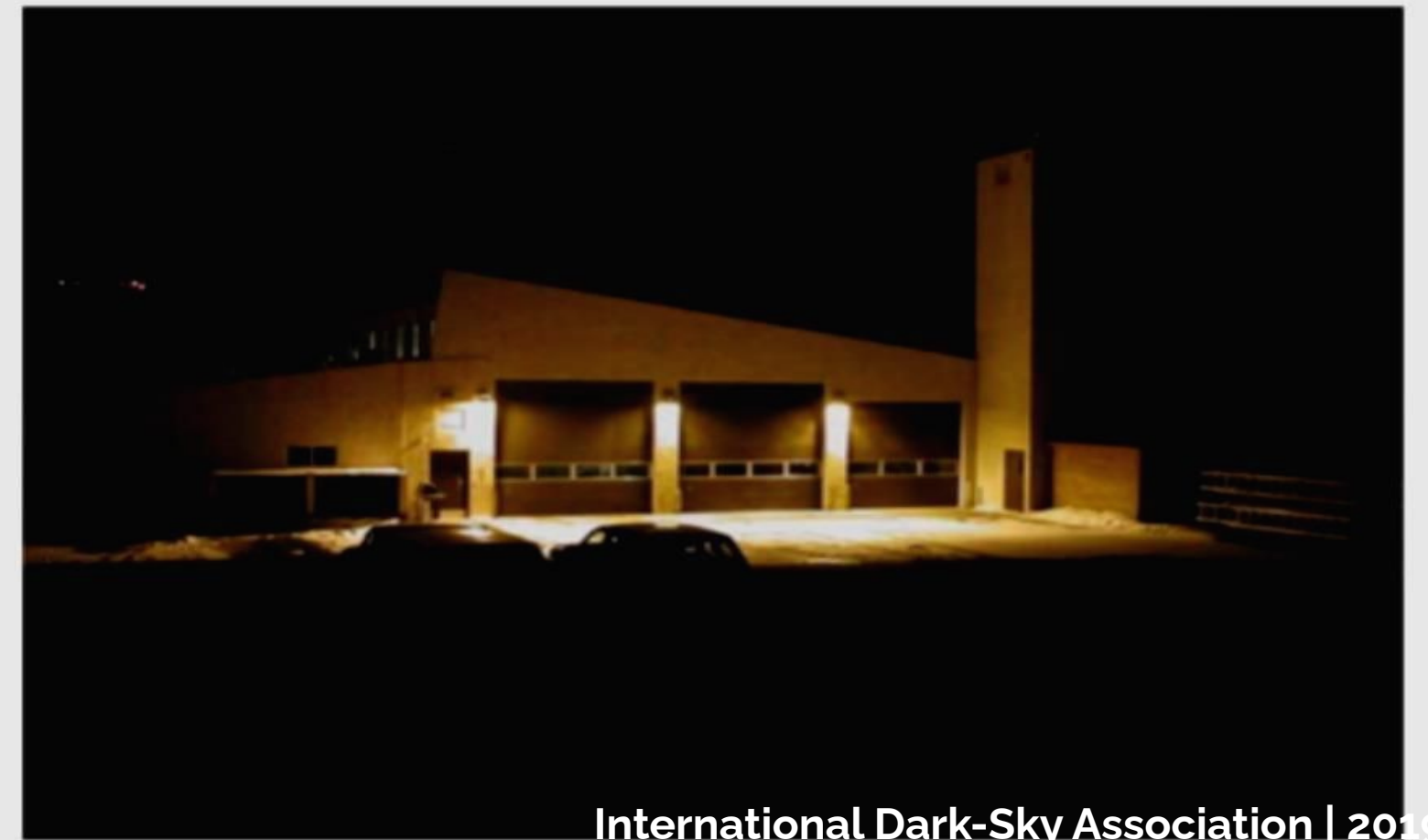
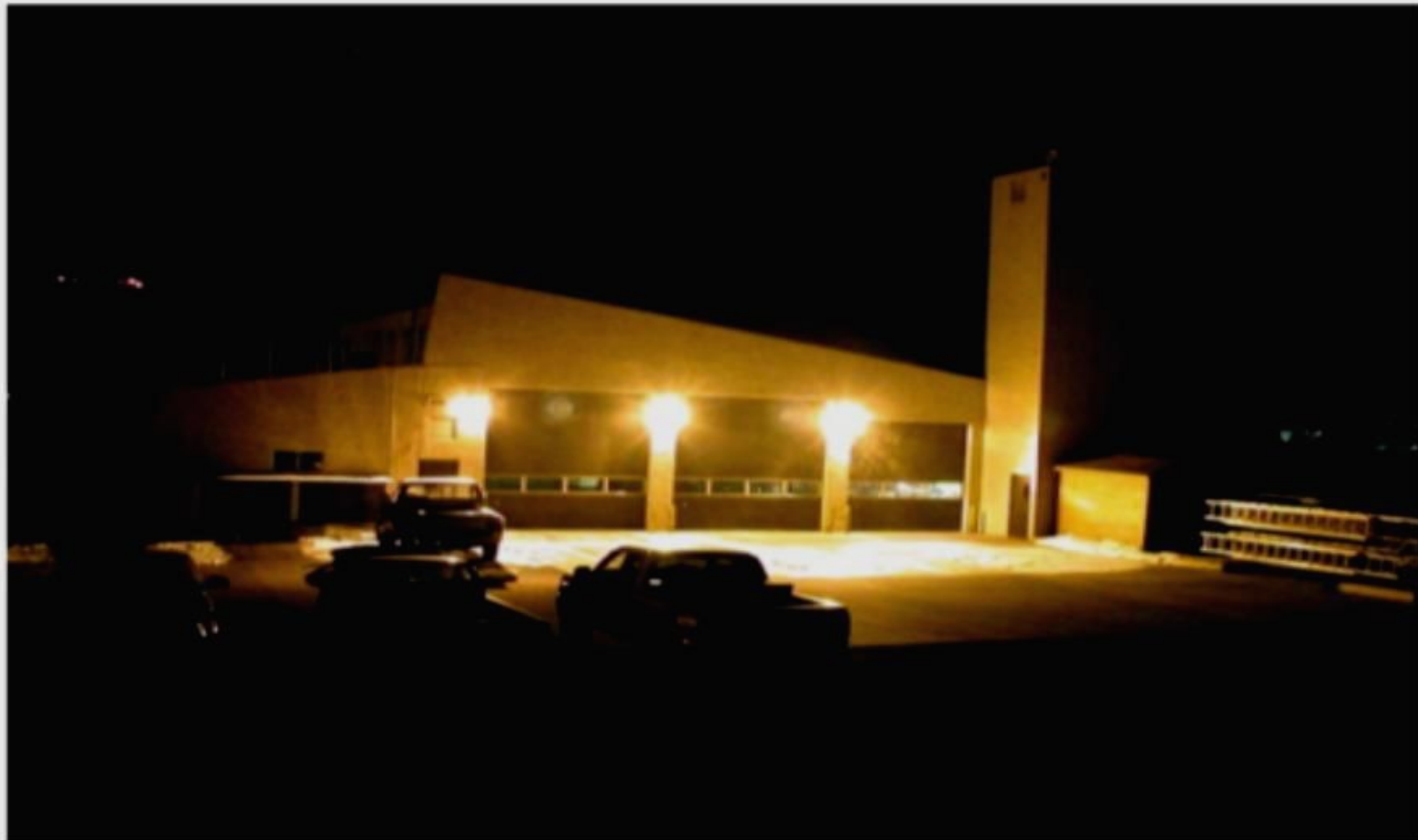
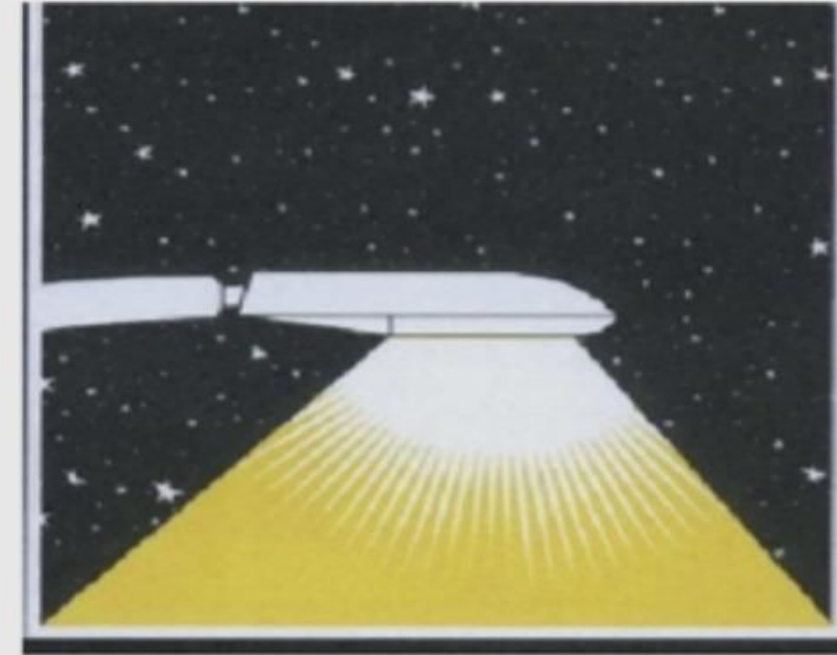
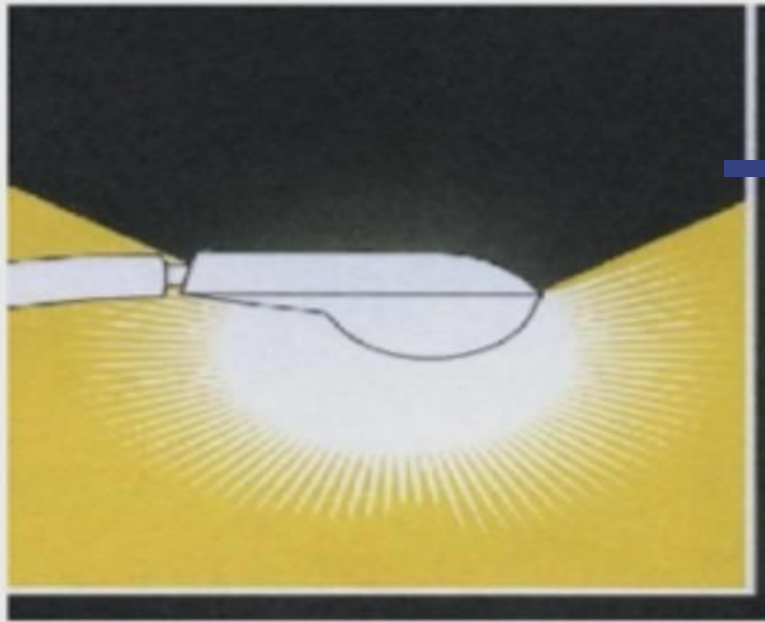
TARGETED: use shielding to avoid light spill

LOW LEVEL: use the lowest light level possible

CONTROL: shut lights off when not needed (use timer)

COLOR: use warmer light (2700K or lower)

Shielded Luminaires



WHERE TO FIND THIS LIGHTING?

IDA FIXTURE SEAL OF
APPROVAL PROGRAM

