

International Dark Sky Reserve Application Review Checklist (June 2018 Guidelines Version)

Proposed Reserve: _____

Submitted by: _____ Affiliation: _____

Reviewer: _____ Date: _____

Provisional? **YES** **NO**

	YES	NO	PAGES
Table of Contents	_____	_____	_____
Letter of Introduction (OPTIONAL)	_____	_____	_____
IDA Member Letter of Nomination	_____	_____	_____
Author/affiliation: _____			
Core nominator Letter (e.g., park superintendent)	_____	_____	_____
Letter(s) of Support (2 REQUIRED)	_____	_____	
(See complete list of letters and authors, page 4 of this document)			
Map(s) of area to be designated	_____	_____	_____
Description of area indicated on map(s)	_____	_____	_____
Total land area: _____ (acres / ha / km ² / mi ²)			
Ownership: Public _____ Private _____ (acres / ha / km ² / mi ² / %)			
Core/buffer regions identified?	_____	_____	_____
Evidence of public access to core zone?	_____	_____	_____
Summary of regional information (e.g., population, communities)	_____	_____	_____
Cultural history and significance of area (OPTIONAL)	_____	_____	_____
Ecosystem			
Description of local geography (1 page)	_____	_____	_____
Flora and fauna (1 page)	_____	_____	_____
Known or suspected light pollution threats (1 page)	_____	_____	_____
Ongoing/planned conservation programs (1 page)	_____	_____	_____
Policy in core management documents (<i>H, i</i>)	_____	_____	_____

Reserve: _____

	YES	NO	PAGES
Current public policy on outdoor lighting and dark-skies protection (2 pages)	_____	_____	_____
Night sky quality measurement report (no page limit)	_____	_____	_____
Which measures were used? _____			
Mean zenith sky brightness, core: _____ mag/arcsec ²			_____
Mean zenith sky brightness, buffer: _____ mag/arcsec ²			_____
Monitoring program? (D)	_____	_____	_____
By whom: _____			
Lighting Survey (C)	_____	_____	_____
Are all areas identified for consideration represented?	_____	_____	_____
1) The number of buildings/areas	_____	_____	_____
2) Which of these areas will receive retrofits	_____	_____	_____
3) Which will not receive retrofits	_____	_____	_____
4) The number of lights to be retrofitted	_____	_____	_____
5) The number that will not be retrofitted	_____	_____	_____
6) any other pertinent information	_____	_____	_____
2/3 of existing core lighting in compliance? (B)	_____	_____	_____
Documentation of plans to achieve 90% compliance in 5 years; 100% compliance in 10 years (B)	_____	_____	_____
Lightscape Management Plan (A)	_____	_____	_____
Warranting? (A, ii)	_____	_____	_____
500 lumen unshielded light limit? (A, iii)	_____	_____	_____
≤3000K CCT limit? (A, iv) OR	_____	_____	_____
Lighting must not emit more than 25% of its total spectral power at wavelengths < 550 nanometers; OR The scotopic-to-photopic (S/P) ratio of allowed lighting must not exceed 1.3.			

Reserve: _____

	YES	NO	PAGES
Meets or surpasses local laws? (A, v)	_____	_____	_____
Current/planned legislation to protect the area	_____	_____	_____
Policy applies to 80% of land/population (A)	_____	_____	_____
Visitor activities regulated? (A, v)	_____	_____	_____
Core policy on temporary lighting? (A, v)	_____	_____	_____

Illuminated sign regulations (A)

Operation is prohibited from one hour after local sunset to one hour before local sunrise (unless strictly required for wayfinding or identification of concessions in the Park during normal business hours); AND	_____	_____	_____
Displays must be single-color on black background; AND	_____	_____	_____
Luminance not > 100 nits (100 candela per sq. m); AND	_____	_____	_____
The luminous/illuminated surface area of an individual sign must not exceed 200 sq. ft. (18.6 sq. m.).	_____	_____	_____

Land ownership and administration (no page limit)

Townships/private property owners within reserve and their dark-sky protection policy/strategies	_____	_____	_____
Observatories or other science facilities within reserve and how they contribute to the reserve	_____	_____	_____

Description of lighting retrofits (no page limit)

Properties owned by the reserve	_____	_____	_____
Non-Reserve properties within the core zone	_____	_____	_____
Residential areas within the core zone	_____	_____	_____

Community projects or show of active community support (E) _____

_____ Each community should have a highly visible project with night sky friendly lighting that includes 10 or more lighting fixtures for each 5,000 citizens. (E, i) **AND/OR**
_____ 10% of the total fixtures outside of the core must be retrofitted or brought to compliance with the light management plan (E, ii)

Reserve: _____

Projects: _____

YES NO PAGES

Community program to “encourage all new outdoor lighting fixtures to conform to the relevant guidelines for night sky friendly lighting” (F) _____ _____ _____

Description: _____

Outreach program (10 pages) _____ _____ _____

Examples: star parties, interpretive programs focused on dark skies protection, public/museum exhibits, reserve educational programming, dark skies tourism

Elements: _____

“The importance of dark skies/natural darkness and the benefits of good lighting should be part of Reserve interpretation/outreach programs” (G, i) _____ _____ _____

Dedicated programming occurs ≥ 4 times/year? (G, ii) _____ _____ _____

Communications program (10 pages) _____ _____ _____

Examples: Reserve signage, website(s), press releases, local media (newspaper, TV, radio) coverage, podcasts

Elements: _____

Future outreach/communications plan (2 pages) _____ _____ _____

References (**IF APPLICABLE**) _____ _____ _____

Provisional

Initial sky quality measurements _____ _____ _____

Meets minimum quality night sky requirement? _____ _____ _____

Reserve: _____

	YES	NO	PAGES
Documented intent to create and support an IDSR	_____	_____	_____
Three partners have documented intent to support an IDSR	_____	_____	_____
Action plan to achieve full status	_____	_____	_____

Letters

	Author	Affiliation	Page(s)
1.			_____
2.			_____
3.			_____
4.			_____
5.			_____
6.			_____
7.			_____
8.			_____
9.			_____
10.			_____
11.			_____
12.			_____
13.			_____
14.			_____
15.			_____

Notes:

Reserve: _____

RECOMMENDATION

_____ **Forward to committee as-is**

_____ **Return to authors with the following suggested changes:**

_____ **Other** (specify: _____)