

26 WHEREAS, light pollution is the artificial brightening of the night sky due light that
27 escapes from poorly designed light fixtures;

28 ~~§→ [WHEREAS, light pollution releases 21 million tons of carbon dioxide and costs \$3.3~~
29 ~~billion per year;] ←§~~

30 WHEREAS, property owners and municipalities could reduce their power costs by
31 discontinuing the use of unshielded light fixtures;

32 WHEREAS, humans and wildlife rely on the earth's daily cycle of light and dark, and
33 research suggests that light pollution has a negative effect on sleep cycles;

34 WHEREAS, light pollution negatively impacts astronomers who rely on the darkness of
35 skies to observe, study, and further scientific knowledge;

36 WHEREAS, in 1999, the state of New Mexico passed legislation that required all
37 outdoor light fixtures to adhere to IDA standards, which has successfully increased dark skies,
38 which are areas where the darkness of the night sky is relatively free of interference from light
39 pollution;

40 WHEREAS, IDA has a program that designates an "International Dark Sky Park" as an
41 area possessing an exceptional or distinguished quality of starry nights and a nocturnal
42 environment that is specifically protected for its scientific, natural, educational, or public
43 enjoyment;

44 WHEREAS, as of ~~§→ [2017]~~ 2018 ←§ , there are ~~§→ [eight]~~ ten ←§ IDA-designated
44a dark sky parks in Utah, and
45 receiving additional designations could help promote the growing tourism industry by
46 encouraging visitors who seek the benefits of dark skies; and

47 WHEREAS, adhering to IDA standards for outdoor lighting would help preserve and
48 enhance the clarity of dark skies while maintaining safety, and move Utah toward a more
49 sustainable future:

50 NOW, THEREFORE, BE IT RESOLVED that the Legislature of the state of Utah, the
51 Governor concurring therein, encourages Utahns to transition outdoor lighting from unshielded
52 to shielded in accordance with IDA standards in order to preserve and enhance dark skies
53 throughout the state.