

Specifications

Visitor Center Lighting and Materials for Dark Sky Compliance

1. **Location:** Badlands National Park – 25291 Ben Reifel Rd. Interior, SD 57750
2. Provide the required materials only to complete the replacement of light fixtures and timers in the visitor use areas within the Badlands National Park to features and features that are Dark Sky Compliant.
3. Brand Name or Equal requirement with the following minimum specifications:

1. **Wall Cylinder** – 32 each

Rodham Black LED Outdoor Wall Lantern
Sconce,
Model #IZC1691L-2

- LED Integrated
- 3000 Kelvin Temperature Rated
- Less than 400 Lumens
- Outdoor Rated
- 60 Watt Equivalence
- 120 Volts
- Black Finish
- Mounting Deck Between 4.5x4.5 and 5x5
- Cylindrical Fixture Feature
- Metal Housing
- Dark Sky Compliant



2. **Flood Light** – 3 each

Security Floodlight: 2 Lightheads, 2,150
lm-2,600 lm, 26 W Fixture Watt, Type
IV, 2 Lamp 200W PAR,
Mfr. Model HGX LED 2RH ALO SWW2
120 PIR WH M2

- LED Integrated
- 3000 Kelvin Temperature Rated
- Motion Sensor
- Outdoor Rated
- Adjustable Dual Heads
- Less than 1500 lumens
- Black Finish



- 120 Watt Equivalence
- 120 Volts
- Wall Mount
- Dark Sky Complaint

3. LED Bulb – 12 each

FEIT ELECTRIC LED Light: A19, Medium Screw (E26), 75W INC, 12 W Watts, 1100 lm, LED, 2 PK,
Mfr. Model BPA1975CL927CA/FIL/2

- 2700 Kelvin Temperature Rated
- 500 Lumens or Less
- Indoor/Outdoor Rated
- 40 Watt Equivalence
- E26 Base

4. Light Bollard – 26 each

LED Bollard: 31 3/4 in Ht, 800 lm, 9.5 W Fixture Watt,
120V AC, Round, Black, 2,700 K Color Temp
Mfr. Model DB30AA012LE

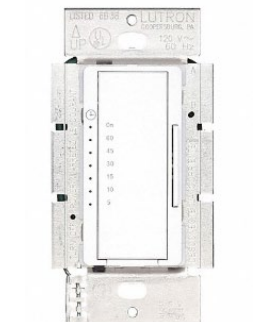
- 2700 Kelvin Temperature
- 31 3/4 inch tall
- 800 Lumens
- 9.5 Watts
- 120 Volts
- Round
- Black
- Metal Housing
- 6 inch wide
- Dark Sky Compliant



5. Wall Switch Timer – 8 each

Countdown Timer: 5 min Min. Time Setting, 60 min Max.
Time Setting, 1 Max. On/Off Cycles, Ivory, 600
Mfr. Model MA-T51-IV

- Ivory In Color
- 5 min minimum to 60 min maximum
- 600 Watt compatible
- 120 Volt



- Countdown Timer
- Single Pole
- 5 amp
- LED Indicator

6. Electric Programable Timer – 3 each

TORK Digital Time Switch: 1 Channels, 120 to 277V AC, DPDT, 40 A Amps, 7 day Max. Time Setting, 3R

Mfr. Model WFTU40

- 7 Day
- Single Chanel
- 120 volts
- 40 Amps
- Lithium Back up Battery for Programing
- Surge Protected
- Plastic Housing
- 1 min minimum to 23 hour 59 min maximum



7. Grey PVC Electrical Conduit – 140 each

PVC Conduit: Schedule 40, 1 1/2 in Trade Size, 10 ft Nominal Lg

Mfr. Model A52BE12

- Schedule 40
- 1 1/2 in Diameter
- 10 Foot long

8. 10/2 Solid UF-B Wire – 3 Roll

500 ft. 10/2 Gray Solid CU UF-B W/G wire

Model #13056717

- #10 AWG underground wire
- 500 ft per Roll
- 2 sold copper wire with copper ground
- Outdoor Rated
- UL Listed
- Grey Exterior Coating