

Retrofit Cost Analysis & Energy Savings *

Lamp Type:
Wattage:
Lamp Life (hours):
Labor Cost :
Lamp Cost :

-Select-

▼

60
2,500
\$10.00
\$5.00
0.6

-Select-

▼

24
35,000
\$10.00
\$65.00
8.3

Number of Lamps:
Electrical Cost/kWh:
Average Daily Use (hours):
Days of Use/Year :
Analysis Period (years):

10
\$0.12
12.0
350
5

Additional Info

OUTPUT | Cost Savings Results:

Cost of Retrofit:
Electrical Cost (1):
Relamping (2):
Total Cost (3):

Air Cond. Savings

(4):

Current Solution

N/A

\$30.24

8.4

\$2,772.00

-\$302.33

Solais Solution

\$750.00

\$12.1

0.6

\$1,805.00

\$302.33

\$1,269.33

(1) Annual, per lamp

(2) Over Analysis Period

(3) Over Analysis Period

(4) Over Analysis Period; 3W reduction in lighting lowers AC load by 1W

(5) Over Analysis Period

Equivalent Waste Recycled (tons) 3.0

Equivalent Planting of Forests (acres) 1.9

Equivalent Cars Removed from Road 1.7

Equivalent Houses Supplied with Electricity 1.1

OUTPUT | Environmental Savings Results: