

Carpark Lighting

CASE STUDY

Location: Nth America - coastal carpark

Product: eSHINE Solar pole lighting systems car parking lot

Quantity: 5

Date: Sept 2016



SPECIFICATION

eSHINE solar lighting luminaire model:

VA-L40-525-GRP

Power station model:

ePS-G-069-FN

Solar Pole: **ePOLE-S1-20-G**

PROJECT

The consulting engineer and developer required a solution of an average **0.3 fc (3.2 Lux)** consisting of a solar lighting solution with batteries and controllers stored in the base of the system for

COST ANALYSIS

AC powered Street pole and lighting costs = **\$45,250** to run power, supply luminaire, poles, trenching, Cable, foundations and install.

The valen solar lighting costs = **\$32,760**

CONCLUSION

Lighting level was achieved with a cost savings of **\$13,590.00** with an energy saving of over **21 Mega watts** over its life



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