



PARKING LOTS



**Location:** Victoria, BC

**Client:** Leonardo Da Vinci Centre

**Client website:** <http://www.davincicentre.ca/>

**Overview:** Located in the same neighborhood as the Carmanah/Sol head office, the Da Vinci Centre was a prime candidate for showcasing sustainability in the region. With many evening functions on the schedule, from cooking classes to weddings, this 4,000-square-foot event center saw an opportunity to add effective solar lighting for its parking lot.

**Our Solution:** Sol provided two EverGen M Series lighting systems to illuminate the parking lot. With dark-sky friendly LED fixtures with a 3,000K light color temperature, the systems will provide focused, warm light for this mixed-use area.



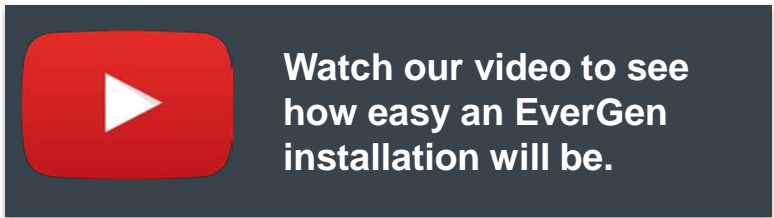
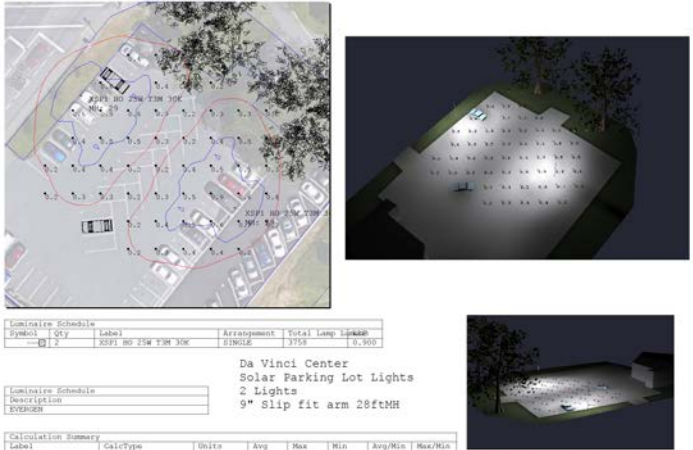


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**Requirements:** The Da Vinci Centre needed lights that could be installed without disturbing the existing infrastructure on the site. Not only does solar lighting help reduce the overall cost by avoiding the need to trench for wiring, but it also keeps installation easy, especially for this type of retrofit.

**Products used:** EverGen M Series, 2-panel, 2 batteries with a Cree XSP1 High Output 3ME

**Lighting profile:** 5D2 (five hours at dusk at full power, then dimmed to 30%, then back to full power for 2 hours before dawn)

Luminaire Schedule				Arrangement	Total Lamp	Light
Symbol	Qty	Label		SINGLE	3758	0.300
—	2	XSP1 HO 25W F3H 30K				

Da Vinci Center  
Solar Parking Lot Lights  
2 Lights  
9" Slip fit arm 28ftMH

Calculation Summary						
Label	CalcType	Units	Avg	Max	Min	Avg/Min   Max/Min
CalcOps_3	Illuminance	Fc	0.38	0.9	0.2	1.86   4.50

