SKY-TECH SKY-LIGHTS

LEED ® CREDITS for the SUNSCOPE NATURAL LIGHT SYSTEMS

Possible New Construction & Major Renovation Point Contribution

Total Possible Project Score 110	Available	SUNSCOPE PRODUCT NOTES
Certified 40-49 points Silver 50-59 points Gold 60-79 points Platinum 80+ points	*	(new construction or existing)

	Sustainable Sites	Possible Points 26		
Prereq 1	Construction Activity Pollution Prevention	Required		
Credit 1	Site Selection	1		
Credit 2	Development Density & Community Connectivity	5		
Credit 3	Brownfield Redevelopment	1		
Credit 4	Alternative Transportation	1 to 12		
Credit 5	Site Development	1 to 2		
Credit 6	Storm water Design	1 to 2		
Credit 7.1	Heat Island Effect, Non-Roof	1		
Credit 7.2	Heat Island Effect, Roof	1		
Credit 8.0	Light Pollution Reduction	1	*	Transmittance of less than 10% between 11 pm and 5 am. The SunScope damper, can be used to control the amount of natural light entering and exiting the building. SunScope dampers can be controlled by automatic light sensors.

	Water Efficiency	Possible Points 10
Prereq 1	Water Use Reduction	Required
Credit 1	Water Efficient Landscaping	2 to 4
Credit 2	Innovative Wastewater Technologies	2
Credit 3	Water Use Reduction	2 to 4

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	Energy & Atmosphere	Possible Points 35		
Prereq 1	Fundamental Commissioning of the Building Energy Systems	Required		
Prereq 2.0	Minimum Energy Performance	Required	*	The SunScope collects and transfers daylight into interior spaces, and as a result electricity demand for lighting is reduced. The SunScope units completely control solar heat gain, prevent heat loss, and prevent interior air loss by keeping the building
Prereq 3	Fundamental Refrigerant Management	Required		
Credit 1	Optimize Energy Performance	1 to 19		
	12% New Building or 8% Existing Building Renovations	1		
	14% New Building or 10% Existing Building Renovations	1		
	16% New Building or 12% Existing Building Renovations	1		
	18% New Building or 14% Existing Building Renovations	1		
	20% New Building or 16% Existing Building Renovations	1		
	22% New Building or 18% Existing Building Renovations	1		
	24% New Building or 20% Existing Building Renovations	1		
	26% New Building or 22% Existing Building Renovations	1		
	28% New Building or 24% Existing Building Renovations	1		
	30% New Building or 26% Existing Building Renovations	1		
	32% New Building or 28% Existing Building Renovations	1		
	34% New Building or 30% Existing Building Renovations	1		
	36% New Building or 32% Existing Building Renovations	1		
	38% New Building or 34% Existing Building Renovations	1		
	40% New Building or 36% Existing Building Renovations	1		
	42% New Building or 38% Existing Building Renovations	1		
	44% New Building or 40% Existing Building Renovations	1		
	46% New Building or 42% Existing Building Renovations	1		
	48% New Building or 44% Existing Building Renovations	1		

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	Energy & Atmosphere (continued)	Possible Points 35
Credit 2	On-Site Renewable Energy	1 to 7
	1% Renewable Energy	1
	3% Renewable Energy	1
	5% Renewable Energy	1
	7% Renewable Energy	1
	9% Renewable Energy	1
	11% Renewable Energy	1
	13% Renewable Energy	1
Credit 3	Enhanced Commissioning	2
Credit 4	Enhanced Refrigerant Management	2
Credit 5	Measurement & Verification	3
Credit 6	Green Power	2

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Materials & Resources	Possible Points 14		
Prereq 1	Storage & Collection of Recyclables	Required	
Credit 1	Building Reuse	1 to 4	
Credit 2.0	Construction Waste Management	1 to 2	*
Credit 3.0	Materials Reuse	1 to 2	*
Credit 4.1	Recycled Content, 10% (post-consumer + 1/2 pre-consumer)	1	*
Credit 4.2	Recycled Content, 20% (post-consumer + 1/2 pre-consumer)	1	*
Credit 5.1	Regional Materials, 10% Extracted, Processed & Manufactured Regionally	1	*
Credit 5.2	Regional Materials, 20% Extracted, Processed & Manufactured Regionally	1	*
Credit 6	Rapidly Renewable Materials	1	
Credit 7	Certified Wood	1	

Sky-Tech's recycling program sends 95% of it's aluminum, acrylic, wood,and other metals to be recycled. Wood curb downfall is used for shipping crates, sawdust is composted, non usable scrap wood is used for heating.

Acrylic surplus from skylight manufacturing is used for SunScope components. SunScope products are manufactured with 100% recyclable materials. Aluminum building product components do not rust, or rot and are known for extreme longevity. Electric consum

At least 20% post-consumer / pre-consumer recycled content is used in our aluminum extrusions. Aluminum extrusion billet contains up to 30% recycled content. Sheet metal recycled content is between 30% and 85%. Extruded acrylic sheet averages 25% recycl

Same as above

All components and parts, except for the Miro-IV pipe material, are manufactured in Edmonton, Alberta or within 800 km of Edmonton.

Same as above

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	Indoor Environmental Quality	Possible Points 15		
Prereq 1	Minimum Indoor Air Quality (IAQ) Performance	Required		
Prereq 2	Environmental Tobacco Smoke (ETS) Control	Required		
Credit 1	Outdoor Air Delivery Monitoring	1		
Credit 2	Increased Ventilation	1		
Credit 3	Construction IAQ Management Plan	1 to 2		
Credit 4	Low-Emitting Materials	1 to 4		
Credit 5	Indoor Chemical & Pollutant Source Control	1		
Credit 6.1	Controllability of Systems, Lighting	1	*	SunScope dampers are used to control the light output of the SunScope system. Dampers are installed to provide individual control of the light level.
Credit 6.2	Controllability of Systems, Thermal Comfort	1		
Credit 7.1	Thermal Comfort, Design	1		
Credit 7.2	Thermal Comfort, Verification	1		
Credit 8.0	Light Pollution Reduction	1	*	Transmittance of less than 10% between 11 pm and 5 am. The SunScope damper, can be used to control the amount of natural light entering and exiting the building. SunScope dampers can be controlled by automatic light sensors.
Credit 8.1	Daylight & Views, Daylight	1 to 2	*	SunScope natural lighting systems are designed to bring outside daylight into interior spaces, without the use of any external energy, with no heat loss and no heat gain.
Credit 8.2	Daylight & Views, Views	1	*	

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				SUNSCOPE PRODUCT NOTES (new construction or existing)
	Innovation & Design	**Possible Points**	**6**	
Credit 1.0	Innovation in Design: Exceptional Performance and warranty	1 to 5	*	The SunScope natural lighting system, is engineered and designed for Canadian climatic conditions. With the use of the internal thermal barrier, the unit becomes 100% air tight with no leakage of air through the building envelope air barrier, and no heat
Credit 1.2	Innovation in Design: Elimination of seasonal affected disorder.	1 to 5	*	Elimination of "Seasonal Affected Disorder" and "Sick building Syndrome" both caused by the lack of natural daylight. The quality of daylight produced by the SunScope is extremely satisfying, producing excellent natural daylight levels, without glare an
Credit 2 .0	LEED® Accredited Professional	1		
	Regional Priority Credits	**Possible Points**	**4**	
Credit 1	Regional Priority Credit	1 to 4		
	Other Items	**Possible Points**	**n/a**	
	Material safety data sheets			MSDS are available for all components upon request.
	Warranty			Miro IV pipe, 25 years. All other components 5 years. (see Sky-Tech Sky-LIghts warranty information sheet).
	Product Specs and Shop drawings			Available on-line @ www.sunscope.com or upon request