Skylight Analysis



In order to provide a "skylight analysis," please provide the information on this form. For assistance contact Randy Koller at 800-453-2554 ext. 7485.

			Data R	equired			
Requested by:				Title:			
Project Name:				Project Location:			
Bldg. Type:		Hours of O	peration:		Roof Area (sq. ft.)		
Roof Height:	Ceiling Height:				Building Dimensions:		
Lighting				Shelving/Racks or Partitions			
Lighting Setpoint:FC				Partitions Yes No	Shelves/Racks Yes No	None	
Task Height:FT				Shelf/Rack Height: FT	Shelf/Rack Width: FT		
Lighting Type:				Aisle Width: FT			
Fixture Height:FT				Color of Material on Shelves/Racks: White Light Dark			
Lighting Control:				Walls/Floors			
Lighting Schedule — Mon to Fri: to				Wall Color: White Light Dark			
Lighting Schedule — Saturday: to				Ceiling Color: White Light Dark			
Lighting Schedule — Sunday: to				Floor Color: White Light Dark			
			Financial I	nformation			
Energy Inflation rate to use: per year				Project Evaluation period (years):			
Electrical Cost:							
Heat Source				Cooling Source			
Heated	Yes	No		Air Conditioned	Yes No		
Inside Temp.	Winter - No	ormal	_ Setback	Inside Temp.	Summer - Normal	Setup	
Fuel Type				Fuel Type			
Fuel Source Rate				Fuel Source Rate			
Fuel Value	Btu/cf	Btu/Gal.		Fuel Value			
				Economizer	Yes No		

Explanation of terms used

Describe what the area is used for, such as Office, Warehouse, etc.

Lighting Setpoint: FC FC stands for Foot Candles a measure of the amount of light striking a surface. Best way to determine this is either from the construction documents which should show the level being designed for. If the information is not available and it is an existing facility a light meter (Cost less than \$75) should be purchased and readings taken. Task Height This is the elevation from floor level where the light level is required. In an office area it is usually the top of the desks; in a warehouse it might be the bottom shelf of the rack. **Lighting Type** What kind of lighting is being used? Is it fluorescent with an enclosed fixture or fluorescent with an open fixture or is it High Pressure Sodium. **Fixture Height** What is the elevation from floor level of the light fixture? **Lighting Control** This is the existing or planned method of controlling the artificial lighting system(s) and could be one of the following: No Daylight Control On/Off manually On/Off with photocell control Two Level + off Switching ½ controlled on/off 1/3 controlled on/off 2/3 controlled on/off Dimming min 5% lighting Dimming min 10% lighting Dimming min 20% lighting Hi/Lo ballast

Bldg. Type