

26.51.00_Zumtobel_Lighting_2009
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PRODUCT INFORMATION	TYPE OF PRODUCT	Interior Lighting	
	COMPANY NAME	Zumtobel Staff Lighting	
	PRODUCT/COLLECTION NAME	N/A	
	DESCRIPTION	Series of interior down-lighting, track, linear fluorescent lighting solutions that bring the interplay of light and architecture to life. Premium luminaries and lighting control systems across the full range of applications in professional indoor lighting. The applications of Zumtobel include Offices and Education, Presentation and Retail, Hotel and Wellness, Health and Care, Art and Culture, and Industry and Engineering.	
MATERIAL FEEDSTOCK	MATERIAL CONTENT	Packaging is reduced due to reduction in size of lamp fixtures	
	RECYCLED CONTENT %	Not Specified	
	RAPIDLY RENEWABLE CONTENT %	N/A	
	HARMFUL ADDITIVES	Contains some level of mercury in Cell's, yet fixtures using LED's have no mercury	
	HARMFUL EMISSIONS	Company calculates the resulting CO2 emissions for products in order to control the manufacturing effects of products on the environment	
	EMISSION STRENGTH OVER TIME	Not Specified	
	TREATMENTS	Powder Coated Finishes In 1998, Zumtobel built a \$1.5 million Powder Coating Facility to improve the quality of our finished goods and reduce the environmental impact of the "paint" process.	
MANUFACTURING	MANUFACTURING PROCESS	Zumtobel utilizes simple beds of marsh grass to clean waste - water. They are caretakers of a 10,000 square foot artificial wetland, which is cleaner, more energy-efficient and less costly to maintain than traditional septic systems. They cut down the lighting frame for a top-selling product by 50%, which results in a reduced amount of carton material and stress for cardboard, and they switched to a biodegradable louver cleaner requires no treatment prior to disposal Biodegradable louver cleaner: Switching to a biodegradable louver cleaner requires no treatment prior to disposal. This means fewer potentially harmful chemicals in our facility. The Lighting Energy Numeric Indicator (LENI) is utilized by Zumtobel to calculate the total energy consumption within a building. Many Zumtobel products utilize the Luxmate lighting management system to switch to energy-saving nighttime lighting. Zumtobel, also utilizes user adjustable LED spot lights (to protect against heat and UV radiation).	
	HARMFUL EMISSIONS	Utilizes LED lamps in some fixtures	
	LOCATION OF MANUF. PLANT	Highland, NY and Garfield, NJ	
	TESTS/CODES	Not Known	
	3RD PARTY CERTIFICATION	Member of U.S. Green Building Council, EPA Green Lights Ally Seal – (use of seal however does not imply EPA endorsement)	
	INSTALLATION	INSTALLATION PROCEDURE	Uses recycled materials whenever possible in the packaging
		INSTALLATION ADHESIVES	N/A
UNIT COST		Prices range according to specified products	
LIFE CYCLE ANALYSIS EXTRACTION		Utilizing intelligently controlled lighting allows for 80% less energy usage than standard traditional lighting	
END OF SERVICE LIFE		Not Specified	
MISC. PROPERTIES	QUALITIES/PROPERTIES OF PRODUCT	High durability	
	MISC. COMMENTS	Recycled materials in the packaging as much as possible i.e. recycled cardboard	

	CONTRIBUTION TO LEED POINTS	LEED Categories: - Energy and atmosphere - Materials and resources - Indoor environmental air quality - Innovation and design process
COMPANY PROFILE	GREEN PHILOSOPHY	Mission Statement: "We want to use light to create worlds of experience, make work easier and improve communications and safety while remaining fully aware of our responsibility to the environment." Committed to remaining fully aware of responsibilities to the environment Energy efficiency is one of three growth strategy pillars and key growth driver for the company Seek to create tailor – made LED lighting solutions. Developed the HUMANENERGY BALANCE concept in order to assume it's share of responsibility for energy consumption. HUMANENERGY BALANCE defines light as a tool, which caters for human needs as effectively as possible but minimizes environmental pollution. Utilizes Vivaldi to calculate actual consumption and resulting CO2 emissions. Strive to create luminaries for the newest, most efficient lamp technology Advise lighting specifiers on how best to employ our products to optimize comfort and efficient energy usage. We help specifiers achieve "intelligent lighting solutions" to minimize wasted light and energy by: - Educating customers about IES Recommended Practice - Where appropriate, suggesting modifications to: Luminaire or lamp choices - Layouts - Architectural details and surface finishes that allow luminaires to function most efficiently.
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MAINTENANCE	AFTER INSTALLATION	None Specified