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 Lighting
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PRODUCT INFORMATION	TYPE OF PRODUCT	Interior Lighting Catalogues
	COMPANY NAME	Zumtobel
	PRODUCT/COLLECTION NAME	Light for office, healthcare, education and since, art and culture, and etc.
	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 TREATMENTS	Not Specified
		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 tress 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 PROCEDURE	Uses recycled materials whenever possible in the packaging
	INSTALLATION ADHESIVES	N/A
INSTALLATION	UNIT COST	Prices range according to specified products
	LIFE CYCLE ANALYSIS EXTRACTION	Utilizing intelligently controlled lighting allows or 80% less energy usage than standard traditional lighting
	END OF SERVICE LIFE	Not Specified
	QUALITIES/PROPERTIES OF PRODUCT	High durability
MISC. PROPERTIES	MISC. COMMENTS	Zumtobel Lighting supports sustainable product design by: <input type="checkbox"/> using high-quality recyclable materials and components. <input type="checkbox"/> designing for excellent optical control, to decrease the number of fixtures. <input type="checkbox"/> creating luminaries for the newest, most efficient lamp technology, for: – less energy usage.

		<ul style="list-style-type: none"> - longer lamp life for less waste in landfills. □ continually re-engineering to use fewer materials. □ employing a state-of-the-art powder coating process that utilizes: <ul style="list-style-type: none"> - zero V.O.C. paint for reduced air pollution. - closed loop water recovery for zero wastewater emission. - powder reclamation for lowered solid waste discharge. □ educating customers about IES Recommended Practice: <ul style="list-style-type: none"> - suggesting modifications, where appropriate, to luminaire or lamp choice. - offering suggested/sample layouts. - providing information on architectural details and surface finishes that allow luminaires to function most efficiently.
	CONTRIBUTION TO LEED POINTS	<p>LEED Categories:</p> <ul style="list-style-type: none"> - Energy and atmosphere - Materials and resources - Indoor environmental air quality - Innovation and design process
COMPANY PROFILE	GREEN PHILOSOPHY	<p>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 its 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.</p> <p>Strive to create luminaries for the newest, most efficient lamp technology</p> <p>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:</p> <ul style="list-style-type: none"> - 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.
	CONTACT	<p>Zumtobel Showroom: 44 West 18th Street, Suite 701 New York, NY 10011 Phone: 1 (212) 243-0460 E-mail: zli.us@zumtobel.com ></p> <p>Headquarters (North America): Zumtobel Lighting Inc. 3300 Route 9W Highland NY 12528 Tel: 1 (845) 691-6262 Fax: +1 (800) 448-4131 E-mail: zli.us@zumtobel.com</p> <p>R.L. Vanstory Company 4807 Koger Blvd Ste E, Greensboro, NC 27407 Tel: +1 (336) 294 8645 Fax: +1 (336) 533 0076 E-Mail: info@rlvanstoryco.net Web: www.rlvanstory.net</p>
MAINTENANCE	AFTER INSTALLATION	None Specified