

PRODUCT INFORMATION	TYPE OF PRODUCT	Interior Lighting Fixtures, Lamps, Ballasts
	COMPANY NAME	Tiella Lighting – Encompass Lighting Group Brand
	PRODUCT/COLLECTION NAME	LED Lighting Systems to be used with Mono Rail, Wall Mono Rail, Kable Lite, Free Jack lighting fixtures
	DESCRIPTION	LED Technology integrated with pendant and head lighting fixtures in order to provide ambient and task lighting
MATERIAL FEEDSTOCK	MATERIAL CONTENT	Some fixtures feature hand-crafted Murano glass Manufacturing of glass shades vary by over-seas locations in Asia and Europe
	RECYCLED CONTENT %	No percentage specified – however any recycled glass used in manufacturing would be post-consumer Rejected glass is donated for pre- consumer recycled countertops manufacturing
	RAPIDLY RENEWABLE CONTENT %	N/A
	HARMFUL ADDITIVES	No mercury, RoHS (Restriction of Hazardous Substances) compliant - no hazardous materials of any kind PBDE – free mercury free and cadmium free
	HARMFUL EMISSIONS	None Specified for LED lamps
	EMISSION STRENGTH OVER TIME	No UV rays for LED lamps
	TREATMENTS	Note: Hellos Head: Satin Nickel, and Antique Bronze Finishes Note: Pendants: Chrome, Satin Nickel, and Antique Bronze Finishes
MANUFACTURING	MANUFACTURING PROCESS	Not Specified for over-seas location – assembly only within the United States
	HARMFUL EMISSIONS	No harmful emissions specified
	LOCATION OF MANUF. PLANT	Manufacturing Vendors – US, Asia, and Europe Headquarters and assembly: 7400 Linder Avenue Skokie, IL 60077
	TESTS/CODES	ETL Testing
	3RD PARTY CERTIFICATION	None
INSTALLATION	INSTALLATION PROCEDURE	MonoRail run must be placed so it runs directly beneath the junction box with surface transformer or power feed canopy and intersects the locations of all the fixtures. Can select to use either a remote or surface transformer. (1) Standoff at every (3) ft. of the MonoRail is required.
	INSTALLATION ADHESIVES	None
	UNIT COST	Varies per fixture
	LIFE CYCLE ANALYSIS EXTRACTION	83% reduction of energy consumption (compared to 35-watt halogen bi-pin or MR16 lamp) LED Hellos Head: Initial 5.8 watts in power consumption and 4.9 watts in stabilized power consumption Color Temperature: 3000 K Lumens: Initial 360 lms Stabilized 327 lms Lumens / Watts: Initial 62 lms, Stabilized 67 lms Color Rendering: 80 CRI Lamp: 12 Volt LED 3000K LED Pendant Assembly: Initial 5.8 watts in power consumption and 4.7 watts in stabilized power consumption Color Temperature: 3000 K Lumens: Initial 300 lms Stabilized 250 lms Lumens / Watts: Initial 52 lms, Stabilized 53 lms Color Rendering: 80 CRI
	END OF SERVICE LIFE	Note: Aluminum heat sink stays with fixture at the end of LED lamp module life

MISC. PROPERTIES	QUALITIES/PROPERTIES OF PRODUCT	Rated Average Life – 30,000 hrs to 70% Note: (3) year warranty
	MISC. COMMENTS	N/A
	CONTRIBUTION TO LEED POINTS	None Specified
COMPANY PROFILE	GREEN PHILOSOPHY	Not Stated
	CONTACT	Tiella 7400 Linder Avenue Skokie, IL 60077 1 877 300 7072 Headquartered outside of Chicago, Encompass Lighting Group is known for combining precision design and high quality materials to create beautiful, functional lighting. Its products can be found in lighting retailers and through sales representatives across North America.
MAINTENANCE	AFTER INSTALLATION	None Specified