

News Release

28 October, 2005
For Immediate Release
TSX Symbol: TIR

TIR SYSTEMS IS SELECTED BY LIGHTING SERVICES INC. AS THEIR STRATEGIC PARTNER FOR SOLID STATE LIGHTING

Vancouver, BC – TIR Systems Ltd. (TSX: TIR), a world leader in light enabling technologies for LED-based Solid State Lighting (SSL), and the developer of the first and only fully integrated solid state general lighting solution (the LEXEL™), has formed a strategic partnership with Lighting Services Inc (LSI), of Stony Point, New York, to provide the most innovative lighting solutions available to the architect or lighting designer specified lighting market utilizing the LEXEL™ platform based on LED technology.

LSI has a large share of the museum, gallery and high-end retail lighting markets, and as a result this partnership will enable the two companies to develop a range of LEXEL™-based fixtures that produce white light with a full range of color temperatures, from warm to cool, and which can be dimmed without the color temperature being affected. Additionally, as the LEXEL™ has achieved high levels of energy efficiency compared to other commercial solid state lighting products, LSI customers will be able to meet the most stringent environmental guidelines on energy utilization without any sacrifice in the quality of the light.

Daniel Gelman, President of Lighting Services Inc, said: “We have entered into this agreement because we believe that the LEXEL™ is the first system to offer our clients a quality, usable Solid State Lighting system. Ultimately, the output and energy savings, along with the facility for complete control over color temperature and intensity, will make LEXEL™-based LSI fixtures the light source of choice for museums, galleries and stores.”

President & CEO of TIR Systems Ltd., Leonard Hordyk, added: “I’m delighted we have formed this special relationship with LSI. Not only does the company’s market presence give our technology the best route to the “early adopter” market, but their knowledge and understanding of their customer’s requirements enable us to develop the technology that specifiers are looking for and thereby establish the standard for the industry.”

The strategic partnership will leverage the industry leading capabilities of each firm in the design and development of lighting products that advance the LEXEL™ technology within the specification grade lighting market. Both companies have committed significant capital and resources to this effort in order to introduce new products by the second quarter of 2006.

About Lighting Services Inc.

Lighting Services Inc (LSI) is the leading independent manufacturer of track, accent, display, fiber optic, and now, LED lighting systems. Since 1958, LSI has been dedicated to designing, engineering and manufacturing lighting systems of the highest quality. LSI’s reputation for creativity and innovative design, coupled with specification grade products and intelligent personalized service, has made it the manufacturer of choice amongst the most discriminating specifiers of lighting.

To find out more about Lighting Services Inc. visit <http://www.LightingServicesInc.com>

About TIR Systems Ltd.

TIR Systems Ltd., a world leader in delivering specialty lighting systems, is building the foundations for tomorrow’s lighting. Through sound innovation and proven technical capability, TIR is developing, designing and marketing the core technologies that will allow Solid State Lighting (SSL) to move to the forefront of mainstream lighting.

To find out more about TIR Systems Ltd. (TSX: TIR), visit <http://www.tirsys.com>.

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About LEXEL™

The LEXEL™ is a perfectly controllable new solid state light source incorporating light emitting diodes (LEDs) that uses up to 80% less energy to produce the same amount of light as a conventional light source and does not degrade its output or color over its 50,000 hour life. LEXEL™ combines breakthroughs in thermal design, optics, and feedback to provide precise color temperature control and dimming in a cost effective design, resulting in a truly intelligent light source for illumination.

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This News Release contains forward-looking statements concerning the development, design and marketing of SSL technology and its expected impact on the Company's business. Forward-looking statements are statements about the future and include, but are not limited to, our ability to develop, design and market and sell our products or technologies in response to the continuing change in technology, evolving industry standards and changing customer preferences and requirements. Such statements are inherently uncertain, and the actual events or results could be materially different than those anticipated in those forward-looking statements as a result of numerous factors, including without limitation, our ability to successfully address these developments on a timely basis or at all; as well the other risks and uncertainties affecting the Company and its business, as contained in the Company's most recent Annual Information Form and other subsequent news releases and filings with the Canadian Securities Regulatory Authorities, any of which could cause actual events or results to vary materially from the Company's expectations. Forward-looking statements are based on the beliefs, opinions and expectations of the Company's management at the time they are made, and the Company does not assume any obligation to update its forward-looking statements if those beliefs, opinions or expectations, or other circumstances should change.