

ARCTURUS GROWTHSTAR TECHNOLOGIES INC.

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NEWS RELEASE

**ARCTURUS LED CANADA DIVISION RECEIVES NEW PURCHASE ORDERS AND
BEGINS ETL CERTIFICATION FOR ITS AWARD WINNING CANNABIS GROW LIGHTS**

December 6, 2016 – Vancouver, British Columbia – Arcturus Growthstar Technologies Inc. (the “Company” or “Arcturus”) (CSE: AGS) (OTCQB: AGSTF) is pleased to announce that its LED division, LED Canada, has received its largest purchase order to date from a 40-year-old Canadian chain of stores. This one customer positions LED Canada, a wholly owned Arcturus division, to potentially generate over \$1,000,000 in business in 2017. Arcturus’ LED Canada and COB Grow Lights divisions offer a wide variety of cutting edge LED lights for commercial, municipal, and home applications as well as greenhouse and indoor cultivation of legal cannabis.

According to [LEDInside](#): LED Lighting Market to Reach US\$30.5 Billion in 2016 and Professional Lighting Markets to See Explosive Growth.

“Our LED business is gaining more traction in the marketplace due to many factors that we suspect are related to the scaling of cultivation centers for both the cannabis and urban farming sectors. On a daily basis, we have seen an increase in inquiries since November 8th, which is exciting given our LED division is vital to cultivation expansion in North America,” said Mr. William Gildea, Arcturus Growthstar Technologies Inc.’s CEO and Chairman. “This month the Company shipped its largest single order to a single commercial customer, which operates a chain with 200 locations. The customer is currently testing the LED lighting in key markets and structuring a rollout to its other locations throughout Canada.”

About Chip On Board (COB):

LEDs compete with traditional lighting sources in a number of ways, including greater energy efficiency, longer lifetime, and smaller size. However, the one drawback that has vexed many lighting designers is cost, which is a key reason why LED manufacturers continue to innovate to improve economies of scale. One of the newest packaging solutions designed to help lower costs is Chip on Board (“COB”) light source modules, in which the LED chips are in the form of a semiconductor chip that is neither encased nor connected but directly mounted onto a PCB or, more generally, a substrate. This packaging style also provides several related benefits, such as greater design flexibility, better light distribution, and simpler manufacturing processes.

Arcturus believes that its Scorpion COB LED Grow lights has the best LED technology to grow legal cannabis on the market and can offer its lights at the best price as compared to its competitors, which gives it a distinct market advantage in the cannabis space. After Arcturus’ own Rob Huston won 1st place in the Cannabis Cup using the Company’s COB Grow lights, the Company is moving forward with

ETL certification (a product bearing the **ETL Listed** mark is determined to have met the minimum requirements of prescribed product safety standards), after which it will be beefing up sales and marketing efforts throughout Canada and the United States.

Arcturus' LED division reports that the month of November has been the best sales month to date. The Company is also pleased to announce that it is currently testing its COB Grow Lights through an academic study. This project will be a ANOVA of LED horticulture fixtures using IBM-SPSS statistical software. The Company is looking forward to continuing its momentum in 2017 with the rollout of new LED testing results, plus new sales and marketing initiatives.

“As we move towards a more aggressive sales and marketing push in the Cannabis space for 2017, these independent third party testings are critical to gaining more market acceptance of our LED grow lights,” says Rob Huston, LED Canada's manager and winner of the Cannabis Cup. “In addition to third party testing, it is expected that the Company will be gaining ETL certification in the next 60 days, opening up the entire North American marketplace, which we believe will have a very positive effect on sales for Arcturus' COB Grow Lights and LED Canada's sales in 2017.”

For further information, contact William Gildea, Director, at 617.834.9467.

On behalf of the Board,

Arcturus Growthstar Technologies Inc.

William Gildea, CEO & Chairman

About Arcturus

The Company's business model includes developing and acquiring technologies that will position it as a leader in the evolution of Controlled Environment Agriculture (CEA) for the global production of various types of plants. Arcturus provides scalable, indoor CEA systems that utilize minimal land, water and energy regardless of climate, location or time of year and are customized to grow an abundance of crops close to consumers, therefore minimizing food miles and its impact to the environment. The Company holds an exclusive, worldwide license to use a patented vertical farming technology that, when compared to traditional plant production methods, generate yields up to 10 times greater per square foot of land. The contained system provides many other benefits including *seed to sale security, scalability, consistency due to year-round production, cost control, product safety and purity by eliminating environmental variability.*

The Company is also in the business of designing and distributing LED lighting solutions utilizing the COB and MCOB technology. The Company is focused on delivering cost efficient lighting to North America via advanced e-commerce sites the Company owns and operates. LEDCanada.com which caters to B2B customers is a supplier of the newest and highest demand LED solutions. The Company also owns and operates COBGrowlights.com which caters to both large and small agriculture green houses and controlled cultivation centers.

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