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Fluence launches RAPTR and VYPR, next generation green house lighting solutions

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Fluence, a leading global provider of energy-efficient LED lighting solutions for commercial cannabis and edibles production, announces its latest lighting solutions LED lighting for food and ornamental growers: RAPTR 2 and VYPR 4.

Fluence's latest LED innovations were developed in parallel with the company's global research program, which includes partnerships with industry leaders around the world and internal analysis of spectral optimization for various crops . The new RAPTR and VYPR offerings build on Fluence's existing portfolio of lighting solutions to deliver robust devices with higher wattages, increased efficiencies and enhanced ROI for growers around the world.

RAPTR 2: Higher wattages and tunable spectra help growers maximize light output and efficiency with reduced installation cost

The RAPTR 2's wide power range (up to 1400 W), multi-channel tunable spectra and up to 5050 Î¼mol/s light output make it the optimal lighting solution for upgrading HPS lights in greenhouse environments. With steerable spectra, including built-in far-red light wireless dimming capability and efficiencies up to 4.0 Î¼mol/J, growers can achieve better crop performance and lower operating expenses with the new RAPTR 2.

â??The new RAPTR and VYPR Series luminaires demonstrate that Fluenceâ??s core mission remains the same: helping the world become smarter with the highest-performing LED lighting,â?• said Steve Graves, senior vice president, strategy and development. commercial, Fluence.Â â??We are excited to launch our most powerful and efficient solutions to date and look forward to advancing the industry with partners around the world".Â

VYPR 4: increased versatility and control that maximizes crop results

Featuring the signature design of the VYPR range, the VYPR 4 offers more spectral options, light uniformity regardless of mounting height, easy installation and higher light intensities with reduced power consumption.

â??VYPR 4 is a leading all-purpose solution,â?• said Jordon Musser, Product Manager, Fluence. â??This new generation focuses on what every grower expects: more efficient production that gives a clear return on investment. Installation is quick, the fixtures are extremely durable, and growers benefit from Fluence's multiple spectral options to curate a lighting program that specifically meets their growing goals. Â»

The VYPR 4 has an output of up to 3030 Î¼mol/s and an efficiency of 3.9 Î¼mol/J.Â The solution also includes dual-channel far-red light spectra as well as Fluence's extensive PhysioSpecâ?¢ spectral array to give growers a variety of lighting strategies.Â The VYPR 4's compact design creates as little shading as possible in a greenhouse environment and now offers wide beam optics for optimized light diffusion.