

UNITED STATES SECURITIES AND EXCHANGE COMMISSION WASHINGTON, D.C. 20549

May 6, 2025

Shmuel Rubin Chief Executive Officer LIGHTPATH TECHNOLOGIES, INC. 2603 Challenger Tech Court, Suite 100 Orlando, Florida 32826

> Re: LIGHTPATH TECHNOLOGIES, INC. Registration Statement on Form S-3 Filed May 2, 2025 File No. 333-286947

Dear Shmuel Rubin:

This is to advise you that we have not reviewed and will not review your registration statement.

Please refer to Rules 460 and 461 regarding requests for acceleration. We remind you that the company and its management are responsible for the accuracy and adequacy of their disclosures, notwithstanding any review, comments, action or absence of action by the staff.

Please contact Jenny O'Shanick at 202-551-8005 with any questions.

Sincerely,

Division of Corporation Finance Office of Manufacturing

cc: Suzanne Hanselman