

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

January 11, 2023

Thomas J. Fennimore Chief Financial Officer Luminar Technologies, Inc. 2603 Discovery Drive, Suite 100 Orlando, Florida 32826

Re: Luminar Technologies, Inc.

Form 10-K for the Year Ended December 31, 2021 Filed March 1, 2022 File No. 001-38791 Form 8-K Furnished February 28, 2022 File No. 001-38791

Dear Thomas J. Fennimore:

We have completed our review of your filing. 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.

Sincerely,

Division of Corporation Finance Office of Manufacturing