CAMTEK LTD.

ANNUAL GENERAL MEETING OF SHAREHOLDERS April 29, 2025

THIS PROXY IS SOLICITED ON BEHALF OF THE BOARD OF DIRECTORS

The shareholder(s) hereby appoints Messrs. Rafi Amit and Moshe Eisenberg or either one of them, as proxies, each with the power to appoint his substitute, and hereby authorizes them to represent and to vote, as designated on the reverse side of this Proxy, all of the Ordinary Shares of Camtek Ltd. that the shareholder(s) is/are entitled to vote at the Annual General Meeting of Shareholders to be held at 16:00 p.m. on Tuesday, April 29, 2025, at the Company's offices at Ramat Gavriel Industrial Zone, Migdal Ha'Emek, Israel, and any adjournment or postponement thereof (the "Meeting").

THIS PROXY, WHEN PROPERLY EXECUTED, WILL BE VOTED AS DIRECTED BY THE SHAREHOLDER(S), IF SUCH DIRECTION IS MADE BY THE SHAREHOLDER. IF NO SUCH DIRECTION IS MADE, THIS PROXY WILL BE VOTED FOR ALL PROPOSALS, AND AS SUCH PROXIES DEEM ADVISABLE WITH DISCRETIONARY AUTHORIZATION ON SUCH OTHER BUSINESS AS MAY PROPERLY COME BEFORE THE MEETING AND ANY ADJOURNMENT OR ADJOURNMENTS THEREOF.

(Continued and to be signed on the reverse side)

ANNUAL GENERAL MEETING OF SHAREHOLDERS OF

CAMTEK LTD.

April 29, 2025

Please date, sign and mail your proxy card in the envelope provided as soon as possible

THE BOARD OF DIRECTORS RECOMMENDS A VOTE "FOR" PROPOSALS NO. 1, 2, 3, 4, AND 5 PLEASE SIGN, DATE AND RETURN PROMPTLY IN THE ENCLOSED ENVELOPE. PLEASE MARK YOUR VOTE IN BLUE OR BLACK INK AS SHOWN HERE \boxtimes

FOR AGAINST ABSTAIN 1. Re-election of six directors; Election of one director: 1.1. Rafi Amit 1.2. Yotam Stern 1.3. Orit Stav 1.4. Leo Huang I-Shih Tseng 1.5. 1.6. Moty Ben-Arie 1.7. Lior Aviram 2. Approval of amendments to the Company's Compensation Policy 3. Approval of Compensation to the Executive Chairman of the Company's Board 4. Approval of an amendment to the Company's Articles of Association 5. Re-appointment of Somekh Chaikin, a member firm of KPMG International, as the Company's independent auditor for the fiscal year ending December 31, 2025, for the year commencing January 1, 2026 and until the next annual general meeting of shareholders, and to authorize the Company's Board of Directors, upon the recommendation of the Audit Committee, to set the annual compensation of the independent auditor in accordance with the volume and nature of its services.

BY EXECUTING THIS PROXY CARD, YOU HEREBY CONFIRM AND DECLARE THAT YOU ARE NOT A CONTROLLING SHAREHOLDER AND DO NOT HAVE A PERSONAL INTEREST IN THE APPROVAL OF PROPOSAL NO. 2 EXCEPT IF YOU HAVE NOTIFIED IN WRITING AND IN ADVANCE THAT YOU ARE A CONTROLLING SHAREHOLDER OR HAVE A PERSONAL INTEREST IN THE APPROVAL OF PROPOSAL NO. 2, AS DETAILED HEREIN. IF YOU THINK NONETHELESS THAT YOU ARE A CONTROLLING SHAREHOLDER OR HAVE A PERSONAL INTEREST IN THE APPROVAL OF PROPOSAL NO. 2, PLEASE DELIVER A WRITTEN NOTICE TO THE COMPANY'S ISRAELI EXTERNAL COUNSEL, ADV. JONATHAN NEUMANN OF SHIBOLET & CO. LAW FIRM BY EMAIL AT J.NEUMANN@SHIBOLET.COM. IF YOUR SHARES ARE HELD IN "STREET NAME" BY YOUR BROKER, BANK OR OTHER NOMINEE AND YOU THINK THAT YOU ARE A CONTROLLING SHAREHOLDER OR HAVE A PERSONAL INTEREST IN THE APPROVAL OF PROPOSAL NO. 2, YOU SHOULD DELIVER A WRITTEN NOTICE TO YOUR BROKER, BANK OR OTHER NOMINEE OF THAT STATUS, AND THEY IN TURN SHOULD NOTIFY THE COMPANY AS DESCRIBED IN THE PRECEDING SENTENCE.

TO AVOID CONFUSION, EACH VOTING SHAREHOLDER VOTING IN PERSON, BY PROXY (INCLUDING BY THE VOTING INSTRUCTION CARD) OR THROUGH THE ELECTRONIC VOTING SYSTEM, WHO HAS NOT DELIVERED A WRITTEN NOTICE TO THE COMPANY THAT HE OR SHE IS AN INTERESTED SHAREHOLDER, WILL BE DEEMED TO CONFIRM THAT SUCH SHAREHOLDER IS NOT AN INTERESTED SHAREHOLDER.

PLEASE SEE THE PROXY STATMENT FOR A FURTHER EXPLANATION AS TO WHO IS CONSIDERED A CONTROLLING SHAREHOLDER OR HAS A PERSONAL INTEREST IN THE VOTE.
To change the address on your account, please check the box at right and indicate your new address. \Box
Please note that changes to the registered name(s) on the account may not be submitted via this method.
Signature of Shareholder Date
Signature of Shareholder Date

NOTE: Please sign exactly as your name or names appear on this Proxy. When shares are held jointly, each holder should sign. When signing as executor, administrator, attorney, trustee or guardian, please give full title as such. If the signer is a corporation, please sign full corporate name by duly authorized officer, giving full title as such. If signer is a partnership, please sign in partnership name by authorized person.