

Form 5500 Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation	Annual Return/Report of Employee Benefit Plan This form is required to be filed for employee benefit plans under sections 104 and 4065 of the Employee Retirement Income Security Act of 1974 (ERISA) and sections 6057(b) and 6058(a) of the Internal Revenue Code (the Code). ▶ Complete all entries in accordance with the instructions to the Form 5500.	OMB Nos. 1210-0110 1210-0089 2022 This Form is Open to Public Inspection
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Part I	Annual Report Identification Information
For calendar plan year 2022 or fiscal plan year beginning 01/01/2022 and ending 12/31/2022	
A This return/report is for:	☐ a multiemployer plan ☐ a multiple-employer plan (Filers checking this box must attach a list of participating employer information in accordance with the form instructions.) ☒ a single-employer plan ☐ a DFE (specify) _____
B This return/report is:	☐ the first return/report ☐ the final return/report ☐ an amended return/report ☐ a short plan year return/report (less than 12 months)
C If the plan is a collectively-bargained plan, check here.	☐
D Check box if filing under:	☐ Form 5558 ☐ automatic extension ☐ the DFVC program ☒ special extension (enter description) TREAS.REG.301.7508A-1(D)(1)DISASTER
E If this is a retroactively adopted plan permitted by SECURE Act section 201, check here.	☐

Part II	Basic Plan Information —enter all requested information
1a Name of plan LUX RESEARCH, INC. 401(K) PROFIT SHARING PLAN	1b Three-digit plan number (PN) ▶ 001
	1c Effective date of plan 01/01/2006
2a Plan sponsor's name (employer, if for a single-employer plan) Mailing address (include room, apt., suite no. and street, or P.O. Box) City or town, state or province, country, and ZIP or foreign postal code (if foreign, see instructions) LUX RESEARCH, INC. 100 FRANKLIN STREET 9TH FLOOR BOSTON, MA 02110	2b Employer Identification Number (EIN) 92-0201219 2c Plan Sponsor's telephone number 617-502-5339 2d Business code (see instructions) 519100

Caution: A penalty for the late or incomplete filing of this return/report will be assessed unless reasonable cause is established.

Under penalties of perjury and other penalties set forth in the instructions, I declare that I have examined this return/report, including accompanying schedules, statements and attachments, as well as the electronic version of this return/report, and to the best of my knowledge and belief, it is true, correct, and complete.

SIGN HERE	Filed with authorized/valid electronic signature.	11/15/2023	BRIANNA SWANSON
	Signature of plan administrator	Date	Enter name of individual signing as plan administrator
SIGN HERE			
	Signature of employer/plan sponsor	Date	Enter name of individual signing as employer or plan sponsor
SIGN HERE			
	Signature of DFE	Date	Enter name of individual signing as DFE

For Paperwork Reduction Act Notice, see the Instructions for Form 5500.

Form 5500 (2022)
v. 220413

3a Plan administrator's name and address ☒ Same as Plan Sponsor		3b Administrator's EIN
		3c Administrator's telephone number
4 If the name and/or EIN of the plan sponsor or the plan name has changed since the last return/report filed for this plan, enter the plan sponsor's name, EIN, the plan name and the plan number from the last return/report: a Sponsor's name c Plan Name		4b EIN 4d PN
5 Total number of participants at the beginning of the plan year		5 132
6 Number of participants as of the end of the plan year unless otherwise stated (welfare plans complete only lines 6a(1) , 6a(2) , 6b , 6c , and 6d).		
a(1) Total number of active participants at the beginning of the plan year		6a(1) 67
a(2) Total number of active participants at the end of the plan year		6a(2) 58
b Retired or separated participants receiving benefits		6b 1
c Other retired or separated participants entitled to future benefits.....		6c 68
d Subtotal. Add lines 6a(2) , 6b , and 6c		6d 127
e Deceased participants whose beneficiaries are receiving or are entitled to receive benefits.		6e 0
f Total. Add lines 6d and 6e		6f 127
g Number of participants with account balances as of the end of the plan year (only defined contribution plans complete this item).....		6g 125
h Number of participants who terminated employment during the plan year with accrued benefits that were less than 100% vested.....		6h 25
7 Enter the total number of employers obligated to contribute to the plan (only multiemployer plans complete this item)		7
8a If the plan provides pension benefits, enter the applicable pension feature codes from the List of Plan Characteristics Codes in the instructions: 2E 2F 2G 2J 2K 2S 2T 3B 3D		
b If the plan provides welfare benefits, enter the applicable welfare feature codes from the List of Plan Characteristics Codes in the instructions:		
9a Plan funding arrangement (check all that apply) (1) ☒ Insurance (2) ☐ Code section 412(e)(3) insurance contracts (3) ☒ Trust (4) ☐ General assets of the sponsor		9b Plan benefit arrangement (check all that apply) (1) ☒ Insurance (2) ☐ Code section 412(e)(3) insurance contracts (3) ☒ Trust (4) ☐ General assets of the sponsor
10 Check all applicable boxes in 10a and 10b to indicate which schedules are attached, and, where indicated, enter the number attached. (See instructions)		
a Pension Schedules (1) ☒ R (Retirement Plan Information) (2) ☐ MB (Multiemployer Defined Benefit Plan and Certain Money Purchase Plan Actuarial Information) - signed by the plan actuary (3) ☐ SB (Single-Employer Defined Benefit Plan Actuarial Information) - signed by the plan actuary		b General Schedules (1) ☒ H (Financial Information) (2) ☐ I (Financial Information – Small Plan) (3) ☒ 1 A (Insurance Information) (4) ☒ C (Service Provider Information) (5) ☐ D (DFE/Participating Plan Information) (6) ☐ G (Financial Transaction Schedules)

Part III Form M-1 Compliance Information (to be completed by welfare benefit plans)

11a If the plan provides welfare benefits, was the plan subject to the Form M-1 filing requirements during the plan year? (See instructions and 29 CFR 2520.101-2.) ☐ Yes ☐ No

If "Yes" is checked, complete lines 11b and 11c.

11b Is the plan currently in compliance with the Form M-1 filing requirements? (See instructions and 29 CFR 2520.101-2.) ☐ Yes ☐ No

11c Enter the Receipt Confirmation Code for the 2022 Form M-1 annual report. If the plan was not required to file the 2022 Form M-1 annual report, enter the Receipt Confirmation Code for the most recent Form M-1 that was required to be filed under the Form M-1 filing requirements. (Failure to enter a valid Receipt Confirmation Code will subject the Form 5500 filing to rejection as incomplete.)

Receipt Confirmation Code _____

SCHEDULE A (Form 5500) Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation	Insurance Information This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA). ▶ File as an attachment to Form 5500. ▶ Insurance companies are required to provide the information pursuant to ERISA section 103(a)(2).	OMB No. 1210-0110 2022 This Form is Open to Public Inspection
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For calendar plan year 2022 or fiscal plan year beginning 01/01/2022 and ending 12/31/2022	
A Name of plan LUX RESEARCH, INC. 401(K) PROFIT SHARING PLAN	B Three-digit plan number (PN) ▶ 001
C Plan sponsor's name as shown on line 2a of Form 5500 LUX RESEARCH, INC.	D Employer Identification Number (EIN) 92-0201219

Part I	Information Concerning Insurance Contract Coverage, Fees, and Commissions	Provide information for each contract on a separate Schedule A. Individual contracts grouped as a unit in Parts II and III can be reported on a single Schedule A.
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1 Coverage Information:

(a) Name of insurance carrier EMPOWER LIFE & ANNUITY INSURANCE COMPANY OF NEW YORK

(b) EIN	(c) NAIC code	(d) Contract or identification number	(e) Approximate number of persons covered at end of policy or contract year	Policy or contract year	
				(f) From	(g) To
93-1225432	60214	380062-01	9	01/01/2022	12/31/2022

2 Insurance fee and commission information. Enter the total fees and total commissions paid. List in line 3 the agents, brokers, and other persons in descending order of the amount paid.
--

(a) Total amount of commissions paid	(b) Total amount of fees paid

3 Persons receiving commissions and fees. (Complete as many entries as needed to report all persons).

(a) Name and address of the agent, broker, or other person to whom commissions or fees were paid
--

(b) Amount of sales and base commissions paid	Fees and other commissions paid		(e) Organization code
	(c) Amount	(d) Purpose	

(a) Name and address of the agent, broker, or other person to whom commissions or fees were paid
--

(b) Amount of sales and base commissions paid	Fees and other commissions paid		(e) Organization code
	(c) Amount	(d) Purpose	

(a) Name and address of the agent, broker, or other person to whom commissions or fees were paid

(b) Amount of sales and base commissions paid	Fees and other commissions paid		(e) Organization code
	(c) Amount	(d) Purpose	

(a) Name and address of the agent, broker, or other person to whom commissions or fees were paid

(b) Amount of sales and base commissions paid	Fees and other commissions paid		(e) Organization code
	(c) Amount	(d) Purpose	

(a) Name and address of the agent, broker, or other person to whom commissions or fees were paid

(b) Amount of sales and base commissions paid	Fees and other commissions paid		(e) Organization code
	(c) Amount	(d) Purpose	

(a) Name and address of the agent, broker, or other person to whom commissions or fees were paid

(b) Amount of sales and base commissions paid	Fees and other commissions paid		(e) Organization code
	(c) Amount	(d) Purpose	

(a) Name and address of the agent, broker, or other person to whom commissions or fees were paid

(b) Amount of sales and base commissions paid	Fees and other commissions paid		(e) Organization code
	(c) Amount	(d) Purpose	

Part II Investment and Annuity Contract Information

Where individual contracts are provided, the entire group of such individual contracts with each carrier may be treated as a unit for purposes of this report.

4	Current value of plan's interest under this contract in the general account at year end.....	4	129187
5	Current value of plan's interest under this contract in separate accounts at year end.....	5	0

6 Contracts With Allocated Funds:**a** State the basis of premium rates ▶

b	Premiums paid to carrier	6b	
c	Premiums due but unpaid at the end of the year	6c	
d	If the carrier, service, or other organization incurred any specific costs in connection with the acquisition or retention of the contract or policy, enter amount..... Specify nature of costs ▶	6d	

e Type of contract: (1) ☐ individual policies (2) ☐ group deferred annuity
(3) ☐ other (specify) ▶

f If contract purchased, in whole or in part, to distribute benefits from a terminating plan, check here ▶ ☐

7 Contracts With Unallocated Funds (Do not include portions of these contracts maintained in separate accounts)

a Type of contract: (1) ☐ deposit administration (2) ☐ immediate participation guarantee
(3) ☐ guaranteed investment (4) ☒ other ▶ **GROUP ANNUITY CONTRACT**

b Balance at the end of the previous year **7b** 131068

c	Additions: (1) Contributions deposited during the year	7c(1)	13908	
	(2) Dividends and credits.....	7c(2)	0	
	(3) Interest credited during the year.....	7c(3)	1130	
	(4) Transferred from separate account.....	7c(4)	1009	
	(5) Other (specify below)	7c(5)	22678	
	▶ FORFEITURES			

(6) Total additions..... **7c(6)** 38725

d Total of balance and additions (add lines **7b** and **7c(6)**)..... **7d** 169793

e Deductions:

(1) Disbursed from fund to pay benefits or purchase annuities during year	7e(1)	2053
(2) Administration charge made by carrier.....	7e(2)	441
(3) Transferred to separate account.....	7e(3)	38112
(4) Other (specify below)	7e(4)	

(5) Total deductions..... **7e(5)** 40606

f Balance at the end of the current year (subtract line **7e(5)** from line **7d**)..... **7f** 129187

Part III Welfare Benefit Contract Information

If more than one contract covers the same group of employees of the same employer(s) or members of the same employee organizations(s), the information may be combined for reporting purposes if such contracts are experience-rated as a unit. Where contracts cover individual employees, the entire group of such individual contracts with each carrier may be treated as a unit for purposes of this report.

8 Benefit and contract type (check all applicable boxes)

- a** ☐ Health (other than dental or vision)
 b ☐ Dental
 c ☐ Vision
 d ☐ Life insurance
e ☐ Temporary disability (accident and sickness)
 f ☐ Long-term disability
 g ☐ Supplemental unemployment
 h ☐ Prescription drug
i ☐ Stop loss (large deductible)
 j ☐ HMO contract
 k ☐ PPO contract
 l ☐ Indemnity contract
m ☐ Other (specify) ▶

9 Experience-rated contracts:

a Premiums: (1) Amount received	9a(1)		
(2) Increase (decrease) in amount due but unpaid	9a(2)		
(3) Increase (decrease) in unearned premium reserve	9a(3)		
(4) Earned ((1) + (2) - (3))		9a(4)	0
b Benefit charges (1) Claims paid	9b(1)		
(2) Increase (decrease) in claim reserves	9b(2)		
(3) Incurred claims (add (1) and (2))		9b(3)	0
(4) Claims charged		9b(4)	
c Remainder of premium: (1) Retention charges (on an accrual basis) --			
(A) Commissions	9c(1)(A)		
(B) Administrative service or other fees	9c(1)(B)		
(C) Other specific acquisition costs	9c(1)(C)		
(D) Other expenses	9c(1)(D)		
(E) Taxes	9c(1)(E)		
(F) Charges for risks or other contingencies	9c(1)(F)		
(G) Other retention charges	9c(1)(G)		
(H) Total retention		9c(1)(H)	0
(2) Dividends or retroactive rate refunds. (These amounts were ☐ paid in cash, or ☐ credited.)		9c(2)	
d Status of policyholder reserves at end of year: (1) Amount held to provide benefits after retirement		9d(1)	
(2) Claim reserves		9d(2)	
(3) Other reserves		9d(3)	
e Dividends or retroactive rate refunds due. (Do not include amount entered in line 9c(2).)		9e	

10 Nonexperience-rated contracts:

a Total premiums or subscription charges paid to carrier	10a	
b If the carrier, service, or other organization incurred any specific costs in connection with the acquisition or retention of the contract or policy, other than reported in Part I, line 2 above, report amount. Specify nature of costs.	10b	

Part IV Provision of Information

11 Did the insurance company fail to provide any information necessary to complete Schedule A? ☐ Yes ☒ No

12 If the answer to line 11 is "Yes," specify the information not provided. ▶

SCHEDULE C (Form 5500) Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation	Service Provider Information This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA). ▶ File as an attachment to Form 5500.	OMB No. 1210-0110
		2022
		This Form is Open to Public Inspection.

For calendar plan year 2022 or fiscal plan year beginning 01/01/2022 and ending 12/31/2022		
A Name of plan LUX RESEARCH, INC. 401(K) PROFIT SHARING PLAN	B Three-digit plan number (PN) ▶	001
C Plan sponsor's name as shown on line 2a of Form 5500 LUX RESEARCH, INC.	D Employer Identification Number (EIN) 92-0201219	

Part I Service Provider Information (see instructions)

You must complete this Part, in accordance with the instructions, to report the information required for **each person** who received, directly or indirectly, \$5,000 or more in total compensation (i.e., money or anything else of monetary value) in connection with services rendered to the plan or the person's position with the plan during the plan year. If a person received **only** eligible indirect compensation for which the plan received the required disclosures, you are required to answer line 1 but are not required to include that person when completing the remainder of this Part.

1 Information on Persons Receiving Only Eligible Indirect Compensation

- a Check "Yes" or "No" to indicate whether you are excluding a person from the remainder of this Part because they received only eligible indirect compensation for which the plan received the required disclosures (see instructions for definitions and conditions).. ☐ Yes ☒ No
- b If you answered line 1a "Yes," enter the name and EIN or address of each person providing the required disclosures for the service providers who received only eligible indirect compensation. Complete as many entries as needed (see instructions).

(b) Enter name and EIN or address of person who provided you disclosures on eligible indirect compensation

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(b) Enter name and EIN or address of person who provided you disclosures on eligible indirect compensation

2. Information on Other Service Providers Receiving Direct or Indirect Compensation. Except for those persons for whom you answered "Yes" to line 1a above, complete as many entries as needed to list each person receiving, directly or indirectly, \$5,000 or more in total compensation (i.e., money or anything else of value) in connection with services rendered to the plan or their position with the plan during the plan year. (See instructions).

(a) Enter name and EIN or address (see instructions)

FIRST GREAT-WEST LIFE & ANNUITY

8515 EAST ORCHARD ROAD
GREENWOOD VILLAGE, CO 80111

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
64	RECORDKEEPER	20076	Yes ☒ No ☐	Yes ☒ No ☐	0	Yes ☒ No ☐

(a) Enter name and EIN or address (see instructions)

EMPOWER ADVISORY GROUP, LLC

8515 EAST ORCHARD ROAD
GREENWOOD VILLAGE, CO 80111

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
28	INVESTMENT MGMT	1889	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

(a) Enter name and EIN or address (see instructions)

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
			Yes ☐ No ☐	Yes ☐ No ☐		Yes ☐ No ☐

Part I Service Provider Information (continued)

3. If you reported on line 2 receipt of indirect compensation, other than eligible indirect compensation, by a service provider, and the service provider is a fiduciary or provides contract administrator, consulting, custodial, investment advisory, investment management, broker, or recordkeeping services, answer the following questions for (a) each source from whom the service provider received \$1,000 or more in indirect compensation and (b) each source for whom the service provider gave you a formula used to determine the indirect compensation instead of an amount or estimated amount of the indirect compensation. Complete as many entries as needed to report the required information for each source.

(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
(d) Enter name and EIN (address) of source of indirect compensation	(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.	
(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
(d) Enter name and EIN (address) of source of indirect compensation	(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.	
(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
(d) Enter name and EIN (address) of source of indirect compensation	(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.	

Part II Service Providers Who Fail or Refuse to Provide Information

4 Provide, to the extent possible, the following information for each service provider who failed or refused to provide the information necessary to complete this Schedule.

(a) Enter name and EIN or address of service provider (see instructions)	(b) Nature of Service Code(s)	(c) Describe the information that the service provider failed or refused to provide
(a) Enter name and EIN or address of service provider (see instructions)	(b) Nature of Service Code(s)	(c) Describe the information that the service provider failed or refused to provide
(a) Enter name and EIN or address of service provider (see instructions)	(b) Nature of Service Code(s)	(c) Describe the information that the service provider failed or refused to provide
(a) Enter name and EIN or address of service provider (see instructions)	(b) Nature of Service Code(s)	(c) Describe the information that the service provider failed or refused to provide
(a) Enter name and EIN or address of service provider (see instructions)	(b) Nature of Service Code(s)	(c) Describe the information that the service provider failed or refused to provide
(a) Enter name and EIN or address of service provider (see instructions)	(b) Nature of Service Code(s)	(c) Describe the information that the service provider failed or refused to provide

Part III Termination Information on Accountants and Enrolled Actuaries (see instructions)
(complete as many entries as needed)

a Name:	b EIN:
c Position:	
d Address:	e Telephone:

Explanation:

a Name:	b EIN:
c Position:	
d Address:	e Telephone:

Explanation:

a Name:	b EIN:
c Position:	
d Address:	e Telephone:

Explanation:

a Name:	b EIN:
c Position:	
d Address:	e Telephone:

Explanation:

a Name:	b EIN:
c Position:	
d Address:	e Telephone:

Explanation:

SCHEDULE H (Form 5500) Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation	Financial Information This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA), and section 6058(a) of the Internal Revenue Code (the Code). ► File as an attachment to Form 5500.	OMB No. 1210-0110 2022 This Form is Open to Public Inspection
For calendar plan year 2022 or fiscal plan year beginning <u>01/01/2022</u> and ending <u>12/31/2022</u>		
A Name of plan <u>LUX RESEARCH, INC. 401(K) PROFIT SHARING PLAN</u>	B Three-digit plan number (PN) ►	<u>001</u>
C Plan sponsor's name as shown on line 2a of Form 5500 <u>LUX RESEARCH, INC.</u>	D Employer Identification Number (EIN) <u>92-0201219</u>	

Part I	Asset and Liability Statement
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1 Current value of plan assets and liabilities at the beginning and end of the plan year. Combine the value of plan assets held in more than one trust. Report the value of the plan's interest in a commingled fund containing the assets of more than one plan on a line-by-line basis unless the value is reportable on lines 1c(9) through 1c(14). Do not enter the value of that portion of an insurance contract which guarantees, during this plan year, to pay a specific dollar benefit at a future date. **Round off amounts to the nearest dollar.** MTIAs, CCTs, PSAs, and 103-12 IEs do not complete lines 1b(1), 1b(2), 1c(8), 1g, 1h, and 1i. CCTs, PSAs, and 103-12 IEs also do not complete lines 1d and 1e. See instructions.

Assets		(a) Beginning of Year	(b) End of Year
a Total noninterest-bearing cash.....	1a	0	0
b Receivables (less allowance for doubtful accounts):			
(1) Employer contributions.....	1b(1)	0	0
(2) Participant contributions.....	1b(2)	0	0
(3) Other.....	1b(3)	0	0
c General investments:			
(1) Interest-bearing cash (include money market accounts & certificates of deposit).....	1c(1)	0	0
(2) U.S. Government securities.....	1c(2)	0	0
(3) Corporate debt instruments (other than employer securities):			
(A) Preferred.....	1c(3)(A)	0	0
(B) All other.....	1c(3)(B)	0	0
(4) Corporate stocks (other than employer securities):			
(A) Preferred.....	1c(4)(A)	0	0
(B) Common.....	1c(4)(B)	0	0
(5) Partnership/joint venture interests.....	1c(5)	0	0
(6) Real estate (other than employer real property).....	1c(6)	0	0
(7) Loans (other than to participants).....	1c(7)	0	0
(8) Participant loans.....	1c(8)	25010	21095
(9) Value of interest in common/collective trusts.....	1c(9)	0	0
(10) Value of interest in pooled separate accounts.....	1c(10)		
(11) Value of interest in master trust investment accounts.....	1c(11)	0	0
(12) Value of interest in 103-12 investment entities.....	1c(12)	0	0
(13) Value of interest in registered investment companies (e.g., mutual funds).....	1c(13)	6477673	5067207
(14) Value of funds held in insurance company general account (unallocated contracts).....	1c(14)	131068	129187
(15) Other.....	1c(15)	0	0

1d Employer-related investments:		(a) Beginning of Year	(b) End of Year
(1) Employer securities	1d(1)	0	0
(2) Employer real property	1d(2)	0	0
e Buildings and other property used in plan operation	1e	0	0
f Total assets (add all amounts in lines 1a through 1e)	1f	6633751	5217489

Liabilities

g Benefit claims payable	1g	0	0
h Operating payables	1h		
i Acquisition indebtedness	1i	0	0
j Other liabilities	1j	0	0
k Total liabilities (add all amounts in lines 1g through 1j)	1k	0	0

Net Assets

l Net assets (subtract line 1k from line 1f)	1l	6633751	5217489
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Part II Income and Expense Statement

2 Plan income, expenses, and changes in net assets for the year. Include all income and expenses of the plan, including any trust(s) or separately maintained fund(s) and any payments/receipts to/from insurance carriers. Round off amounts to the nearest dollar. MTIAs, CCTs, PSAs, and 103-12 IEs do not complete lines 2a, 2b(1)(E), 2e, 2f, and 2g.

Income

		(a) Amount	(b) Total
a Contributions:			
(1) Received or receivable in cash from: (A) Employers	2a(1)(A)	85468	
(B) Participants	2a(1)(B)	622033	
(C) Others (including rollovers)	2a(1)(C)	214179	
(2) Noncash contributions	2a(2)	0	
(3) Total contributions. Add lines 2a(1)(A) , (B) , (C) , and line 2a(2)	2a(3)		921680
b Earnings on investments:			
(1) Interest:			
(A) Interest-bearing cash (including money market accounts and certificates of deposit)	2b(1)(A)	0	
(B) U.S. Government securities	2b(1)(B)	0	
(C) Corporate debt instruments	2b(1)(C)	0	
(D) Loans (other than to participants)	2b(1)(D)	0	
(E) Participant loans	2b(1)(E)	991	
(F) Other	2b(1)(F)	1130	
(G) Total interest. Add lines 2b(1)(A) through (F)	2b(1)(G)		2121
(2) Dividends: (A) Preferred stock	2b(2)(A)	0	
(B) Common stock	2b(2)(B)	0	
(C) Registered investment company shares (e.g. mutual funds)	2b(2)(C)	277804	
(D) Total dividends. Add lines 2b(2)(A) , (B) , and (C)	2b(2)(D)		277804
(3) Rents	2b(3)		0
(4) Net gain (loss) on sale of assets: (A) Aggregate proceeds	2b(4)(A)	0	
(B) Aggregate carrying amount (see instructions)	2b(4)(B)	0	
(C) Subtract line 2b(4)(B) from line 2b(4)(A) and enter result	2b(4)(C)		0
(5) Unrealized appreciation (depreciation) of assets: (A) Real estate	2b(5)(A)	0	
(B) Other	2b(5)(B)	0	
(C) Total unrealized appreciation of assets. Add lines 2b(5)(A) and (B)	2b(5)(C)		0

		(a) Amount	(b) Total
(6) Net investment gain (loss) from common/collective trusts	2b(6)		0
(7) Net investment gain (loss) from pooled separate accounts	2b(7)		0
(8) Net investment gain (loss) from master trust investment accounts	2b(8)		0
(9) Net investment gain (loss) from 103-12 investment entities.....	2b(9)		0
(10) Net investment gain (loss) from registered investment companies (e.g., mutual funds)	2b(10)		-1336675
c Other income	2c		0
d Total income. Add all income amounts in column (b) and enter total	2d		-135070
Expenses			
e Benefit payment and payments to provide benefits:			
(1) Directly to participants or beneficiaries, including direct rollovers	2e(1)	1259227	
(2) To insurance carriers for the provision of benefits	2e(2)	0	
(3) Other	2e(3)	0	
(4) Total benefit payments. Add lines 2e(1) through (3)	2e(4)		1259227
f Corrective distributions (see instructions)	2f		0
g Certain deemed distributions of participant loans (see instructions)	2g		0
h Interest expense	2h		0
i Administrative expenses: (1) Professional fees	2i(1)	0	
(2) Contract administrator fees	2i(2)	21965	
(3) Investment advisory and management fees	2i(3)	0	
(4) Other	2i(4)	0	
(5) Total administrative expenses. Add lines 2i(1) through (4)	2i(5)		21965
j Total expenses. Add all expense amounts in column (b) and enter total	2j		1281192
Net Income and Reconciliation			
k Net income (loss). Subtract line 2j from line 2d	2k		-1416262
l Transfers of assets:			
(1) To this plan	2l(1)		
(2) From this plan	2l(2)		

Part III Accountant's Opinion

3 Complete lines 3a through 3c if the opinion of an independent qualified public accountant is attached to this Form 5500. Complete line 3d if an opinion is not attached.

a The attached opinion of an independent qualified public accountant for this plan is (see instructions):

(1) ☒ Unmodified (2) ☐ Qualified (3) ☐ Disclaimer (4) ☐ Adverse

b Check the appropriate box(es) to indicate whether the IQPA performed an ERISA section 103(a)(3)(C) audit. Check both boxes (1) and (2) if the audit was performed pursuant to both 29 CFR 2520.103-8 and 29 CFR 2520.103-12(d). Check box (3) if pursuant to neither.

(1) ☒ DOL Regulation 2520.103-8 (2) ☐ DOL Regulation 2520.103-12(d) (3) ☐ neither DOL Regulation 2520.103-8 nor DOL Regulation 2520.103-12(d).

c Enter the name and EIN of the accountant (or accounting firm) below:

(1) Name: AAFCPAS

(2) EIN: 04-2571780

d The opinion of an independent qualified public accountant is **not attached** because:

(1) ☐ This form is filed for a CCT, PSA, or MTIA. (2) ☐ It will be attached to the next Form 5500 pursuant to 29 CFR 2520.104-50.

Part IV Compliance Questions

4 CCTs and PSAs do not complete Part IV. MTIAs, 103-12 IEs, and GIAs do not complete lines 4a, 4e, 4f, 4g, 4h, 4k, 4m, 4n, or 5. 103-12 IEs also do not complete lines 4j and 4l. MTIAs also do not complete line 4l.

During the plan year:

a Was there a failure to transmit to the plan any participant contributions within the time period described in 29 CFR 2510.3-102? Continue to answer "Yes" for any prior year failures until fully corrected. (See instructions and DOL's Voluntary Fiduciary Correction Program.)

	Yes	No	Amount
4a	X		217071

	Yes	No	Amount
b Were any loans by the plan or fixed income obligations due the plan in default as of the close of the plan year or classified during the year as uncollectible? Disregard participant loans secured by participant's account balance. (Attach Schedule G (Form 5500) Part I if "Yes" is checked.)			
4b		X	
c Were any leases to which the plan was a party in default or classified during the year as uncollectible? (Attach Schedule G (Form 5500) Part II if "Yes" is checked.)			
4c		X	
d Were there any nonexempt transactions with any party-in-interest? (Do not include transactions reported on line 4a. Attach Schedule G (Form 5500) Part III if "Yes" is checked.)			
4d		X	
e Was this plan covered by a fidelity bond?			
4e		X	
f Did the plan have a loss, whether or not reimbursed by the plan's fidelity bond, that was caused by fraud or dishonesty?			
4f		X	
g Did the plan hold any assets whose current value was neither readily determinable on an established market nor set by an independent third party appraiser?			
4g		X	
h Did the plan receive any noncash contributions whose value was neither readily determinable on an established market nor set by an independent third party appraiser?			
4h		X	
i Did the plan have assets held for investment? (Attach schedule(s) of assets if "Yes" is checked, and see instructions for format requirements.)			
4i	X		
j Were any plan transactions or series of transactions in excess of 5% of the current value of plan assets? (Attach schedule of transactions if "Yes" is checked and see instructions for format requirements.)			
4j		X	
k Were all the plan assets either distributed to participants or beneficiaries, transferred to another plan, or brought under the control of the PBGC?			
4k		X	
l Has the plan failed to provide any benefit when due under the plan?			
4l		X	
m If this is an individual account plan, was there a blackout period? (See instructions and 29 CFR 2520.101-3.)			
4m		X	
n If 4m was answered "Yes," check the "Yes" box if you either provided the required notice or one of the exceptions to providing the notice applied under 29 CFR 2520.101-3.			
4n			

5a Has a resolution to terminate the plan been adopted during the plan year or any prior plan year? ☐ Yes ☒ No
If "Yes," enter the amount of any plan assets that reverted to the employer this year _____.

5b If, during this plan year, any assets or liabilities were transferred from this plan to another plan(s), identify the plan(s) to which assets or liabilities were transferred. (See instructions.)

5b(1) Name of plan(s)	5b(2) EIN(s)	5b(3) PN(s)

5c Was the plan a defined benefit plan covered under the PBGC insurance program at any time during this plan year? (See ERISA section 4021 and instructions.) ☐ Yes ☐ No ☐ Not determined

If "Yes" is checked, enter the My PAA confirmation number from the PBGC premium filing for this plan year _____.

SCHEDULE R (Form 5500) Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation	Retirement Plan Information This schedule is required to be filed under sections 104 and 4065 of the Employee Retirement Income Security Act of 1974 (ERISA) and section 6058(a) of the Internal Revenue Code (the Code). ► File as an attachment to Form 5500.	OMB No. 1210-0110 2022 This Form is Open to Public Inspection.
For calendar plan year 2022 or fiscal plan year beginning 01/01/2022 and ending 12/31/2022		
A Name of plan LUX RESEARCH, INC. 401(K) PROFIT SHARING PLAN		B Three-digit plan number (PN) ► 001
C Plan sponsor's name as shown on line 2a of Form 5500 LUX RESEARCH, INC.		D Employer Identification Number (EIN) 92-0201219
Part I	Distributions	
All references to distributions relate only to payments of benefits during the plan year.		
1 Total value of distributions paid in property other than in cash or the forms of property specified in the instructions.....		1 0
2 Enter the EIN(s) of payor(s) who paid benefits on behalf of the plan to participants or beneficiaries during the year (if more than two, enter EINs of the two payors who paid the greatest dollar amounts of benefits): EIN(s): 20-0247820		
Profit-sharing plans, ESOPs, and stock bonus plans, skip line 3.		
3 Number of participants (living or deceased) whose benefits were distributed in a single sum, during the plan year.....		3
Part II	Funding Information (If the plan is not subject to the minimum funding requirements of section 412 of the Internal Revenue Code or ERISA section 302, skip this Part.)	
4 Is the plan administrator making an election under Code section 412(d)(2) or ERISA section 302(d)(2)? ☐ Yes ☐ No ☐ N/A If the plan is a defined benefit plan, go to line 8.		
5 If a waiver of the minimum funding standard for a prior year is being amortized in this plan year, see instructions and enter the date of the ruling letter granting the waiver. Date: Month _____ Day _____ Year _____ If you completed line 5, complete lines 3, 9, and 10 of Schedule MB and do not complete the remainder of this schedule.		
6 a Enter the minimum required contribution for this plan year (include any prior year accumulated funding deficiency not waived).....		6a
b Enter the amount contributed by the employer to the plan for this plan year.....		6b
c Subtract the amount in line 6b from the amount in line 6a. Enter the result (enter a minus sign to the left of a negative amount).....		6c
If you completed line 6c, skip lines 8 and 9.		
7 Will the minimum funding amount reported on line 6c be met by the funding deadline? ☐ Yes ☐ No ☐ N/A		
8 If a change in actuarial cost method was made for this plan year pursuant to a revenue procedure or other authority providing automatic approval for the change or a class ruling letter, does the plan sponsor or plan administrator agree with the change? ☐ Yes ☐ No ☐ N/A		
Part III	Amendments	
9 If this is a defined benefit pension plan, were any amendments adopted during this plan year that increased or decreased the value of benefits? If yes, check the appropriate box. If no, check the "No" box..... ☐ Increase ☐ Decrease ☐ Both ☐ No		
Part IV	ESOPs (see instructions). If this is not a plan described under section 409(a) or 4975(e)(7) of the Internal Revenue Code, skip this Part.	
10 Were unallocated employer securities or proceeds from the sale of unallocated securities used to repay any exempt loan?..... ☐ Yes ☐ No		
11 a Does the ESOP hold any preferred stock?..... ☐ Yes ☐ No		
b If the ESOP has an outstanding exempt loan with the employer as lender, is such loan part of a "back-to-back" loan? (See instructions for definition of "back-to-back" loan.)..... ☐ Yes ☐ No		
12 Does the ESOP hold any stock that is not readily tradable on an established securities market?..... ☐ Yes ☐ No		
For Paperwork Reduction Act Notice, see the Instructions for Form 5500.		
Schedule R (Form 5500) 2022 v. 220413		

Part V Additional Information for Multiemployer Defined Benefit Pension Plans

13 Enter the following information for each employer that (1) contributed more than 5% of total contributions to the plan during the plan year or (2) was one of the top-ten highest contributors (measured in dollars). See instructions. *Complete as many entries as needed to report all applicable employers.*

a Name of contributing employer

b EIN

c Dollar amount contributed by employer

d Date collective bargaining agreement expires (If employer contributes under more than one collective bargaining agreement, check box ☐ and see instructions regarding required attachment. Otherwise, enter the applicable date.) Month _____ Day _____ Year _____

e Contribution rate information (If more than one rate applies, check this box ☐ and see instructions regarding required attachment. Otherwise, complete lines 13e(1) and 13e(2).)

(1) Contribution rate (in dollars and cents) _____

(2) Base unit measure: ☐ Hourly ☐ Weekly ☐ Unit of production ☐ Other (specify): _____

a Name of contributing employer

b EIN

c Dollar amount contributed by employer

d Date collective bargaining agreement expires (If employer contributes under more than one collective bargaining agreement, check box ☐ and see instructions regarding required attachment. Otherwise, enter the applicable date.) Month _____ Day _____ Year _____

e Contribution rate information (If more than one rate applies, check this box ☐ and see instructions regarding required attachment. Otherwise, complete lines 13e(1) and 13e(2).)

(1) Contribution rate (in dollars and cents) _____

(2) Base unit measure: ☐ Hourly ☐ Weekly ☐ Unit of production ☐ Other (specify): _____

a Name of contributing employer

b EIN

c Dollar amount contributed by employer

d Date collective bargaining agreement expires (If employer contributes under more than one collective bargaining agreement, check box ☐ and see instructions regarding required attachment. Otherwise, enter the applicable date.) Month _____ Day _____ Year _____

e Contribution rate information (If more than one rate applies, check this box ☐ and see instructions regarding required attachment. Otherwise, complete lines 13e(1) and 13e(2).)

(1) Contribution rate (in dollars and cents) _____

(2) Base unit measure: ☐ Hourly ☐ Weekly ☐ Unit of production ☐ Other (specify): _____

a Name of contributing employer

b EIN

c Dollar amount contributed by employer

d Date collective bargaining agreement expires (If employer contributes under more than one collective bargaining agreement, check box ☐ and see instructions regarding required attachment. Otherwise, enter the applicable date.) Month _____ Day _____ Year _____

e Contribution rate information (If more than one rate applies, check this box ☐ and see instructions regarding required attachment. Otherwise, complete lines 13e(1) and 13e(2).)

(1) Contribution rate (in dollars and cents) _____

(2) Base unit measure: ☐ Hourly ☐ Weekly ☐ Unit of production ☐ Other (specify): _____

a Name of contributing employer

b EIN

c Dollar amount contributed by employer

d Date collective bargaining agreement expires (If employer contributes under more than one collective bargaining agreement, check box ☐ and see instructions regarding required attachment. Otherwise, enter the applicable date.) Month _____ Day _____ Year _____

e Contribution rate information (If more than one rate applies, check this box ☐ and see instructions regarding required attachment. Otherwise, complete lines 13e(1) and 13e(2).)

(1) Contribution rate (in dollars and cents) _____

(2) Base unit measure: ☐ Hourly ☐ Weekly ☐ Unit of production ☐ Other (specify): _____

a Name of contributing employer

b EIN

c Dollar amount contributed by employer

d Date collective bargaining agreement expires (If employer contributes under more than one collective bargaining agreement, check box ☐ and see instructions regarding required attachment. Otherwise, enter the applicable date.) Month _____ Day _____ Year _____

e Contribution rate information (If more than one rate applies, check this box ☐ and see instructions regarding required attachment. Otherwise, complete lines 13e(1) and 13e(2).)

(1) Contribution rate (in dollars and cents) _____

(2) Base unit measure: ☐ Hourly ☐ Weekly ☐ Unit of production ☐ Other (specify): _____

14	Enter the number of deferred vested and retired participants (inactive participants), as of the beginning of the plan year, whose contributing employer is no longer making contributions to the plan for:		
	a The current plan year. Check the box to indicate the counting method used to determine the number of inactive participants: ☐ last contributing employer ☐ alternative ☐ reasonable approximation (see instructions for required attachment).....	14a	
	b The plan year immediately preceding the current plan year. ☐ Check the box if the number reported is a change from what was previously reported (see instructions for required attachment)	14b	
	c The second preceding plan year. ☐ Check the box if the number reported is a change from what was previously reported (see instructions for required attachment)	14c	
15	Enter the ratio of the number of participants under the plan on whose behalf no employer had an obligation to make an employer contribution during the current plan year to:		
	a The corresponding number for the plan year immediately preceding the current plan year.....	15a	
	b The corresponding number for the second preceding plan year.....	15b	
16	Information with respect to any employers who withdrew from the plan during the preceding plan year:		
	a Enter the number of employers who withdrew during the preceding plan year	16a	
	b If line 16a is greater than 0, enter the aggregate amount of withdrawal liability assessed or estimated to be assessed against such withdrawn employers.....	16b	
17	If assets and liabilities from another plan have been transferred to or merged with this plan during the plan year, check box and see instructions regarding supplemental information to be included as an attachment ☐		

Part VI	Additional Information for Single-Employer and Multiemployer Defined Benefit Pension Plans
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18	If any liabilities to participants or their beneficiaries under the plan as of the end of the plan year consist (in whole or in part) of liabilities to such participants and beneficiaries under two or more pension plans as of immediately before such plan year, check box and see instructions regarding supplemental information to be included as an attachment ☐
19	If the total number of participants is 1,000 or more, complete lines (a) through (c) a Enter the percentage of plan assets held as: Stock: _____% Investment-Grade Debt: _____% High-Yield Debt: _____% Real Estate: _____% Other: _____% b Provide the average duration of the combined investment-grade and high-yield debt: ☐ 0-3 years ☐ 3-6 years ☐ 6-9 years ☐ 9-12 years ☐ 12-15 years ☐ 15-18 years ☐ 18-21 years ☐ 21 years or more c What duration measure was used to calculate line 19(b)? ☐ Effective duration ☐ Macaulay duration ☐ Modified duration ☐ Other (specify): _____
20	PBGC missed contribution reporting requirements. If this is a multiemployer plan or a single-employer plan that is not covered by PBGC, skip line 20. a Is the amount of unpaid minimum required contributions for all years from Schedule SB (Form 5500) line 40 greater than zero? ☐ Yes ☐ No b If line 20a is "Yes," has PBGC been notified as required by ERISA sections 4043(c)(5) and/or 303(k)(4)? Check the applicable box: ☐ Yes. ☐ No. Reporting was waived under 29 CFR 4043.25(c)(2) because contributions equal to or exceeding the unpaid minimum required contribution were made by the 30th day after the due date. ☐ No. The 30-day period referenced in 29 CFR 4043.25(c)(2) has not yet ended, and the sponsor intends to make a contribution equal to or exceeding the unpaid minimum required contribution by the 30th day after the due date. ☐ No. Other. Provide explanation _____



50 Washington Street
Westborough, MA 01581
508.366.9100
aafcpcpa.com

To the Plan Administrator of
Lux Research, Inc. 401(k) Profit Sharing Plan:

Except as discussed in the following paragraph, in planning and performing our audit of the financial statements of Lux Research, Inc. 401(k) Profit Sharing Plan (the Plan), an employee benefit plan subject to the Employee Retirement Income Security Act of 1974 (ERISA), as of and for the year ended December 31, 2022, in accordance with auditing standards generally accepted in the United States of America, we considered the Plan's internal control over financial reporting (internal control) as a basis for designing audit procedures that are appropriate in the circumstances for the purpose of issuing our report on the financial statements, but not for the purpose of expressing an opinion on the effectiveness of the Plan's internal control. Accordingly, we do not express an opinion on the effectiveness of the Plan's internal control.

We were engaged to perform an ERISA Section 103(a)(3)(C) audit of those financial statements as permitted by 29 CFR 2520.103-8 of the Department of Labor's Rules and Regulations for Reporting and Disclosure under the Employee Retirement Income Security Act of 1974. As permitted by ERISA Section 103(a)(3)(C), our audit did not extend to any statements or information related to assets held for investment of the Plan (investment information) by the qualified institutions that prepared and certified the statements or information regarding assets so held in accordance with 29 CFR 2520.103-5. Our audit also did not include a consideration of internal control relating to the investment information.

A deficiency in internal control exists when the design or operation of a control does not allow management or employees, in the normal course of performing their assigned functions, to prevent, or detect and correct, misstatements on a timely basis. A material weakness is a deficiency, or a combination of deficiencies, in internal control, such that there is a reasonable possibility that a material misstatement of the Plan's financial statements will not be prevented, or detected and corrected, on a timely basis.

Our consideration of internal control was for the limited purpose described in the first two paragraphs and was not designed to identify all deficiencies in internal control that might be material weaknesses. Given these limitations, during our audit we did not identify any deficiencies in internal control that we consider to be material weaknesses. However, material weaknesses may exist that have not been identified.

This information is intended solely for the use of the Plan Administrator and management of Lux Research, Inc., and is not intended to be, and should not be, used by anyone other than these specified parties.

AAFCPAs, Inc.

Westborough, Massachusetts
November 10, 2023

November 10, 2023

To the Plan Administrator of
Lux Research, Inc. 401(k) Profit Sharing Plan:

We have audited the financial statements of Lux Research, Inc. 401(k) Profit Sharing Plan (the Plan), an employee benefit plan subject to the Employee Retirement Income Security Act of 1974 (ERISA), as permitted by ERISA Section 103(a)(3)(C) (ERISA Section 103(a)(3)(C) audit) for the year ended December 31, 2022, and we will issue our report thereon dated November 10, 2023. As permitted by ERISA Section 103(a)(3)(C), our audit did not extend to any statements or information related to assets held for investment of the Plan (investment information) by Empower Life & Annuity Insurance Company of New York and Empower Trust Company, LLC, the qualified institutions, which are banks or similar institutions or insurance carriers that are regulated, supervised and subject to periodic examination by a state or federal agency, that prepared and certified the statements or information regarding assets so held in accordance with 29 CFR 2520.103-5. Our audit did not extend to the certified investment information, except for obtaining and reading the certifications, comparing the certified investment information with the related information presented and disclosed in the financial statements and supplemental schedules, and reading the disclosures relating to the certified investment information to assess whether they are in accordance with the presentation and disclosure requirements of generally accepted accounting principles (U.S. GAAP). Accordingly, the objective of an ERISA Section 103(a)(3)(C) audit is not to express an opinion about whether the financial statements as a whole are presented fairly, in all material respects, in accordance with U.S. GAAP. Professional standards require that we provide you with information about our responsibilities under generally accepted auditing standards, as well as certain information related to the planned scope and timing of our audit. We have communicated such information in our letter to you dated July 10, 2023. Professional standards also require that we communicate to you the following information related to our audit.

Significant Audit Matters

Qualitative Aspects of Accounting Practices

Management is responsible for the selection and use of appropriate accounting policies. The significant accounting policies used by the Plan are described in Note 2 to the financial statements. No new accounting policies were adopted and the application of existing policies was not changed during 2022. We noted no transactions entered into by the Plan during the year for which there is a lack of authoritative guidance or consensus. All significant transactions have been recognized in the financial statements in the proper period.

Accounting estimates are an integral part of the financial statements prepared by management and are based on management's knowledge and experience about past and current events and assumptions about future events. Certain accounting estimates are particularly sensitive because of their significance to the financial statements and because of the possibility that future events affecting them may differ significantly from those expected. The qualified institutions provided, and Lux Research, Inc. (the Plan Sponsor) agreed with, the fair value of investment balances in determining that these balances are reasonable in relation to the financial statements taken as a whole.

We evaluated the key factors and assumptions used to develop these estimates in determining that they are reasonable in relation to the financial statements taken as a whole.

The financial statement disclosures are neutral, consistent and clear.

Significant Audit Matters (Continued)

Form 5500 Procedures

We are required to obtain and read a substantially complete draft of Form 5500 prior to dating our auditor's report. The purpose of this procedure is to identify any material inconsistencies between the substantially complete draft Form 5500 and the Plan's financial statements. We identified no material inconsistencies in performing and completing our audit.

Difficulties Encountered in Performing the Audit

We encountered no difficulties in dealing with management in performing and completing our audit.

Corrected and Uncorrected Misstatements

Professional standards require us to accumulate all misstatements identified during the audit, other than those that are clearly trivial, and communicate them to the appropriate level of management. There were no such misstatements noted.

Reportable Findings

For purposes of this letter, a reportable finding is a matter that includes one or more of the following: (1) noncompliance or suspected noncompliance with laws and regulations, (2) a finding that in our professional judgment is significant and relevant to you regarding your responsibility to oversee the financial reporting process, and (3) an indication of internal control deficiencies identified during the audit that have not been previously communicated to management by other parties and that we determined are sufficiently important to merit management's attention. We identified the following reportable findings:

Deferral Calculation - Control Deficiency

During our audit, it was noted that the Plan Sponsor used the wrong deferral percentage to calculate a participant's deferral contribution due to erroneously entering in a termination date incorrectly in the payroll system for the active employee. The termination date error was self-detected and self-corrected; however, the deferral percentage was not corrected in the payroll system which resulted in the incorrect deferral amount being withheld from the participant's paycheck for the Plan year. Although the error is immaterial to the financial statements taken as a whole, we recommend the Plan Sponsor work with their TPA to determine the actions needed to correct the affected participant's deferral contributions for the period affected.

Timely Remittances of Participant Contributions - Control Deficiency

During our audit, it was noted that employee deferrals were not remitted timely to the Plan on a consistent basis. The Department of Labor's (DOL) Regulation 2510.3-102 requires that participant contributions be remitted to the Plan on the earliest date on which they can be reasonably segregated from the Plan Sponsor's general assets, but in no event later than the fifteenth business day following the end of the period in which amounts are withheld from their wages. Failure to remit participant contributions to the Plan in a timely manner results in prohibited transactions which must be separately reported to the DOL and may result in lost earnings for the Plan and penalties to the Plan Sponsor. Plan management must review its current process and systems to ensure compliance with the DOL's rules and regulations regarding timely remittance of participant contributions. Plan management intends to work with their third party administrator on calculating and remitting lost earnings to the Plan in 2024.

Significant Audit Matters (Continued)

Reportable Findings (Continued)

ERISA Bonding Coverage

During our audit, it was noted that the Plan did not have ERISA fidelity bonding insurance in place for 2022. The Plan is required to have ERISA fidelity bonding insurance. Per 29 C.F.R. § 2580.412-18, the Plan must be specifically named in connection with the insurance coverage. Subsequent to year-end, Plan management obtained ERISA fidelity bonding insurance that covers the Plan.

Disagreements with Management

For purposes of this letter, a disagreement with management is a financial accounting, reporting or auditing matter, whether or not resolved to our satisfaction, which could be significant to the financial statements or the auditor's report. We are pleased to report that no such disagreements arose during the course of our audit.

Management Representations

We have requested certain representations from management that are included in the management representation letter dated November 10, 2023.

Management Consultations with Other Independent Accountants

In some cases, management may decide to consult with other accountants about auditing and accounting matters, similar to obtaining a "second opinion" on certain situations. If a consultation involves application of an accounting principle to the Plan's financial statements or a determination of the type of auditor's opinion that may be expressed on those statements, our professional standards require the consulting accountant to check with us to determine that the consultant has all the relevant facts. To our knowledge, there were no such consultations with other accountants.

Other Audit Findings or Issues

We generally discuss a variety of matters, including the application of accounting principles and auditing standards, with management each year prior to retention as the Plan's auditors. However, these discussions occurred in the normal course of our professional relationship and our responses were not a condition to our retention.

Other Matter

Our responsibility for the ERISA-required supplemental schedules accompanying the financial statements is to perform adequate procedures to evaluate whether the form and content of the ERISA-required supplemental schedules, other than that agreed to or derived from the certified investment information, are presented in compliance with the DOL's Rules and Regulations for Reporting and Disclosure under ERISA, and whether the information in the supplemental schedules related to assets held by and certified to by the qualified institutions agrees to, or is derived from, in all material respects, the information prepared and certified by institutions that management determined meet the requirements of ERISA Section 103(a)(3)(C).

SECURE Act 2.0 Information

On December 29, 2022, the Consolidated Appropriations Act of 2023, which included SECURE Act 2.0, was executed. SECURE Act 2.0 contains over ninety new retirement provisions, with varying effective dates through 2027. The most significant changes impacting existing plan provisions included updates to required minimum distributions (RMDs) and hardship distribution rules, expanded eligibility of part-time employees, modifications to catch-up contribution rules and options for the Plan Sponsor to make matching contributions to an employee's retirement account based on employee's student loan payment. Please be aware that you have until December 31, 2025, to determine what provisions or changes make sense for your Plan. We encourage you to schedule follow up discussions with your Plan advisor to ensure the Plan document is updated in accordance with the provisions of SECURE Act 2.0.

If you have any questions or need further assistance with this, please contact a member of your audit service team.

This information is intended solely for the use of the Plan Administrator and management of Lux Research, Inc., and is not intended to be, and should not be, used by anyone other than these specified parties.

Very truly yours,

A handwritten signature in black ink that reads "AAFCPAs, Inc." in a cursive, stylized font.

AAFCPAs, Inc.
Certified Public Accountants

LUX RESEARCH, INC. 401(K) PROFIT SHARING PLAN

Contents
December 31, 2022 and 2021

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LUX RESEARCH, INC. 401(K) PROFIT SHARING PLAN

**FINANCIAL STATEMENTS
DECEMBER 31, 2022 AND 2021 AND
FOR THE YEAR ENDED DECEMBER 31, 2022**

Independent Auditor's Report

To the Plan Administrator of
Lux Research, Inc. 401(k) Profit Sharing Plan:

Scope and Nature of the ERISA Section 103(a)(3)(C) Audit for the 2022 Financial Statements

We were engaged to perform an audit of the financial statements of Lux Research, Inc. 401(k) Profit Sharing Plan, an employee benefit plan subject to the Employee Retirement Income Security Act of 1974 (ERISA), as permitted by ERISA Section 103(a)(3)(C) (ERISA Section 103(a)(3)(C) audit). The financial statements comprise the statement of net assets available for benefits as of December 31, 2022, and the related statement of changes in net assets available for benefits for the year then ended, and the related notes to the financial statements (2022 Financial Statements).

Management, having determined it is permissible in the circumstances, has elected to have the audit of Lux Research, Inc. 401(k) Profit Sharing Plan's 2022 Financial Statements performed in accordance with ERISA Section 103(a)(3)(C) pursuant to 29 CFR 2520.103-8 of the Department of Labor's Rules and Regulations for Reporting and Disclosure under ERISA. As permitted by ERISA Section 103(a)(3)(C), our audit need not extend to any statements or information related to assets held for investment of the Plan (investment information) by a bank or similar institution or insurance carrier that is regulated, supervised, and subject to periodic examination by a state or federal agency, provided that the statements or information regarding assets so held are prepared and certified to by the bank or similar institution or insurance carrier in accordance with 29 CFR 2520.103-5 of the Department of Labor's Rules and Regulations for Reporting and Disclosure under ERISA (qualified institution).

Management has obtained certifications from the qualified institutions as of and for the year ended December 31, 2022, stating that the certified investment information, as described in Note 3 to the financial statements, is complete and accurate.

Opinion on the 2022 Financial Statements

In our opinion, based on our audit and on the procedures performed as described in the Auditor's Responsibilities for the Audit of the 2022 Financial Statements section

- the amounts and disclosures in the accompanying 2022 Financial Statements, other than those agreed to or derived from the certified investment information, are presented fairly, in all material respects, in accordance with accounting principles generally accepted in the United States of America.
- the information in the accompanying 2022 Financial Statements related to assets held by and certified to by the qualified institutions agrees to, or is derived from, in all material respects, the information prepared and certified by institutions that management determined meet the requirements of ERISA Section 103(a)(3)(C).

Basis for Opinion on the 2022 Financial Statements

We conducted our audit in accordance with auditing standards generally accepted in the United States of America (GAAS). Our responsibilities under those standards are further described in the Auditor's Responsibilities for the Audit of the 2022 Financial Statements section of our report. We are required to be independent of Lux Research, Inc. 401(k) Profit Sharing Plan and to meet our other ethical responsibilities, in accordance with the relevant ethical requirements relating to our audit. We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our ERISA Section 103(a)(3)(C) audit opinion.

Responsibilities of Management for the 2022 Financial Statements

Management is responsible for the preparation and fair presentation of the financial statements in accordance with accounting principles generally accepted in the United States of America, and for the design, implementation and maintenance of internal control relevant to the preparation and fair presentation of financial statements that are free from material misstatement, whether due to fraud or error. Management's election of the ERISA Section 103(a)(3)(C) audit does not affect management's responsibility for the financial statements.

In preparing the financial statements, management is required to evaluate whether there are conditions or events, considered in the aggregate, that raise substantial doubt about Lux Research, Inc. 401(k) Profit Sharing Plan's ability to continue as a going concern for one year after the date the financial statements are available to be issued.

Management is also responsible for maintaining a current plan instrument, including all plan amendments, administering the Plan, and determining that the Plan's transactions that are presented and disclosed in the financial statements are in conformity with the Plan's provisions, including maintaining sufficient records with respect to each of the participants, to determine the benefits due or which may become due to such participants.

Auditor's Responsibilities for the Audit of the 2022 Financial Statements

Except as described in the Scope and Nature of the ERISA Section 103(a)(3)(C) Audit for the 2022 Financial Statements section of our report, our objectives are to obtain reasonable assurance about whether the financial statements as a whole are free from material misstatement, whether due to fraud or error, and to issue an auditor's report that includes our opinion. Reasonable assurance is a high level of assurance but is not absolute assurance and therefore is not a guarantee that an audit conducted in accordance with GAAS will always detect a material misstatement when it exists. The risk of not detecting a material misstatement resulting from fraud is higher than for one resulting from error, as fraud may involve collusion, forgery, intentional omissions, misrepresentations, or the override of internal control. Misstatements are considered material if, there is a substantial likelihood that, individually or in the aggregate, they would influence the judgment made by a reasonable user based on the financial statements.

In performing an audit in accordance with GAAS, we:

- Exercise professional judgment and maintain professional skepticism throughout the audit.
- Identify and assess the risks of material misstatement of the financial statements, whether due to fraud or error, and design and perform audit procedures responsive to those risks. Such procedures include examining, on a test basis, evidence regarding the amounts and disclosures in the financial statements.
- Obtain an understanding of internal control relevant to the audit in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of Lux Research, Inc. 401(k) Profit Sharing Plan's internal control. Accordingly, no such opinion is expressed.
- Evaluate the appropriateness of accounting policies used and the reasonableness of significant accounting estimates made by management, as well as evaluate the overall presentation of the financial statements.
- Conclude whether, in our judgment, there are conditions or events, considered in the aggregate, that raise substantial doubt about Lux Research, Inc. 401(k) Profit Sharing Plan's ability to continue as a going concern for a reasonable period of time.

Our audit did not extend to the certified investment information, except for obtaining and reading the certifications, comparing the certified investment information with the related information presented and disclosed in the 2022 Financial Statements, and reading the disclosures relating to the certified investment information to assess whether they are in accordance with the presentation and disclosure requirements of accounting principles generally accepted in the United States of America.

Auditor's Responsibilities for the Audit of the 2022 Financial Statements (Continued)

Accordingly, the objective of an ERISA Section 103(a)(3)(C) audit is not to express an opinion about whether the financial statements as a whole are presented fairly, in all material respects, in accordance with accounting principles generally accepted in the United States of America.

We are required to communicate with those charged with governance regarding, among other matters, the planned scope and timing of the audit, significant audit findings, and certain internal control-related matters that we identified during the audit.

Other Matters

2022 Supplemental Schedules Required by ERISA

The supplemental schedules, Form 5500, Schedule H, Part IV, Line 4a - Schedule of Delinquent Participant Contributions for the year ended December 31, 2022, and Form 5500, Schedule H, Part IV, Line 4i - Schedule of Assets Held at End of Year as of December 31, 2022, are presented for purposes of additional analysis and are not a required part of the financial statements but are supplementary information required by the Department of Labor's Rules and Regulations for Reporting and Disclosure under ERISA. Such information is the responsibility of management and was derived from and relates directly to the underlying accounting and other records used to prepare the financial statements. The information included in the supplemental schedules, other than that agreed to or derived from the certified investment information, has been subjected to auditing procedures applied in the audit of the financial statements and certain additional procedures, including comparing and reconciling such information directly to the underlying accounting and other records used to prepare the financial statements or to the financial statements themselves, and other additional procedures in accordance with GAAS. For information included in the supplemental schedules that agreed to or is derived from the certified investment information, we compared such information to the related certified investment information.

In forming our opinion on the supplemental schedules, we evaluated whether the supplemental schedules, other than the information agreed to or derived from the certified investment information, including their form and content, are presented in conformity with the Department of Labor's Rules and Regulations for Reporting and Disclosure under ERISA.

In our opinion

- the form and content of the supplemental schedules, other than the information in the supplemental schedules that agreed to or is derived from the certified investment information, are presented, in all material respects, in conformity with the Department of Labor's Rules and Regulations for Reporting and Disclosure under ERISA.
- the information in the supplemental schedules related to assets held by and certified to by the qualified institutions agrees to, or is derived from, in all material respects, the information prepared and certified by institutions that management determined meet the requirements of ERISA Section 103(a)(3)(C).

Accountant's Compilation Report on the 2021 Financial Statements

Management is responsible for the accompanying statement of net assets available for benefits of the Lux Research, Inc. 401(k) Profit Sharing Plan as of December 31, 2021, and the related notes to the financial statements in accordance with accounting principles generally accepted in the United States of America. We have performed a compilation engagement in accordance with Statements on Standards for Accounting and Review Services promulgated by the Accounting and Review Services Committee of the AICPA. We did not audit or review the 2021 Financial Statements, nor were we required to perform any procedures to verify the accuracy or completeness of the information provided by management. Accordingly, we do not express an opinion, a conclusion, nor provide any form of assurance on this financial statement.

AAFCPA, Inc.

Westborough, Massachusetts
November 10, 2023

LUX RESEARCH, INC. 401(K) PROFIT SHARING PLAN

Statements of Net Assets Available for Benefits
December 31, 2022 and 2021

Assets	2022 (Audited)	2021 (Compiled)
Investments:		
Mutual funds, at fair value	\$ 5,067,207	\$ 6,477,673
Fixed annuity contract, at contract value	<u>129,187</u>	<u>131,068</u>
Total investments	<u>5,196,394</u>	<u>6,608,741</u>
Receivables:		
Employer contribution	144,788	85,468
Notes receivable from participants	<u>21,095</u>	<u>25,010</u>
Total receivables	<u>165,883</u>	<u>110,478</u>
Net Assets Available for Benefits	<u><u>\$ 5,362,277</u></u>	<u><u>\$ 6,719,219</u></u>

LUX RESEARCH, INC. 401(K) PROFIT SHARING PLAN

Notes to Financial Statements
December 31, 2022 and 2021

1. DESCRIPTION OF PLAN

The following description of the Lux Research, Inc. 401(k) Profit Sharing Plan (the Plan) provides only general information. Participants should refer to the Plan document for a more complete description of the Plan's provisions.

a. General

The Plan is a defined contribution 401(k) plan covering all eligible employees of Lux Research, Inc. (the Plan Sponsor)(the Company). The Plan is subject to the provisions of the Employee Retirement Income Security Act of 1974 (ERISA). The Plan Administrator is responsible for the oversight of the Plan and determines the appropriateness of the Plan's investment offerings, monitors investment performance, and reports to the Retirement Plan Committee.

b. Eligibility

All employees of the Plan Sponsor are immediately eligible to participate in the Plan on their first day of employment. Non-resident aliens and part-time, temporary, and seasonal employees that work less than 1,000 hours during the Plan year are excluded from participating in the Plan. Participants of the Plan are eligible to receive the Plan Sponsor's discretionary matching contributions and nonelective contributions once they have completed one year of service (with at least 1,000 hours) and are employed with the Plan Sponsor on the last day of the Plan year.

c. Contributions

Employees of the Plan Sponsor who do not affirmatively elect otherwise are automatically enrolled into the Plan. Employees who are automatically enrolled default to a 5% deferral percentage, which will automatically increase by 1% each year up to a maximum of 10% of annual eligible compensation unless the participant elects otherwise. Each year, participants may contribute up to 100% of their pre-tax annual compensation, as defined in the Plan. Contributions are subject to certain Internal Revenue Service (IRS) limitations. Participants who have attained age fifty before the end of the Plan year are eligible to make catch-up contributions. The Plan has a Roth component in which participants can elect to make after-tax contributions into the Plan. Additionally, participants may also make additional contributions using after-tax wages to the Plan. Participants may also contribute amounts representing distributions from other qualified retirement plans (rollover contributions). Participants direct the investment of their contributions into various investment options offered by the Plan.

The Plan Sponsor may make discretionary matching contributions and discretionary non-elective contributions. Discretionary matching contributions for the year ended December 31, 2022, are calculated as a 100% match of the participant's deferral contributions up to the first 3% of a participant's annual compensation for all participants who have made contributions to the Plan during the Plan year. For the year ended December 31, 2022, the Plan Sponsor made a discretionary matching contribution totaling \$144,788 to the Plan. Discretionary non-elective contributions are allocated based on a formula determined by the Plan Sponsor. The Plan Sponsor did not make any discretionary non-elective contributions for the year ended December 31, 2022.

LUX RESEARCH, INC. 401(K) PROFIT SHARING PLANStatement of Changes in Net Assets Available for Benefits
For the Year Ended December 31, 2022

Additions to Net Assets Attributed to:

Investment income (loss):

Interest and dividends	\$ 278,934
Net depreciation of investments	<u>(1,336,675)</u>

Net investment loss	<u>(1,057,741)</u>
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Interest income on notes receivable from participants	<u>991</u>
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Contributions:

Participant	622,033
Rollover	214,179
Employer	<u>144,788</u>

Total contributions	<u>981,000</u>
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Total additions, net of investment loss	<u>(75,750)</u>
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Deductions from Net Assets Attributed to:

Benefits paid to participants	1,259,227
Administrative expenses	<u>21,965</u>

Total deductions	<u>1,281,192</u>
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Net decrease	(1,356,942)
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Net Assets Available for Benefits:

Beginning of year	<u>6,719,219</u>
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End of year	<u><u>\$ 5,362,277</u></u>
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LUX RESEARCH, INC. 401(K) PROFIT SHARING PLAN

Notes to Financial Statements
December 31, 2022 and 2021

1. DESCRIPTION OF PLAN (Continued)

d. Participant Accounts

Each participant's account is credited with the participant's contributions, allocations of the Plan Sponsor's discretionary contributions, and Plan earnings or losses, and charged with an allocation of administrative expenses paid by the Plan, if any. Allocations are based on participant earnings or losses or account balances, as defined. The benefit to which a participant is entitled is the benefit that can be provided from the participant's vested account.

e. Notes Receivable from Participants

Participants may borrow a minimum of \$1,000 up to a maximum loan amount, which is the lesser of \$50,000 or 50% of the participant's vested account balance. Loans are secured by the vested balance in the participants' account and bear interest at the prime rate published by the Wall Street Journal plus 1%. A participant may have up to two outstanding loans at a time. Loan terms range from one to five years, unless for the purchase of a primary residence, in which case the loan may have a maturity date up to fifteen years. Principal and interest are paid ratably through payroll deductions.

f. Payment of Benefits

The Plan provides for a normal retirement benefit to be paid to a participant, or their beneficiary, who has reached normal retirement age of 65, with no option for early retirement. Upon termination of service, a participant may elect to receive a lump-sum, installment payments, or partial payment amounts equal to the value of their account. There are also retirement benefits available upon disability and death. The Plan requires balances up to \$1,000 be paid out to participants upon termination and requires balances from \$1,000 to \$5,000 be rolled over to an individual retirement account (IRA). In-service withdrawals from all participants' vested accounts are permitted upon attainment of age 59 ½.

A participant may also request a withdrawal upon demonstration to the Plan Administrator that they are suffering a "hardship". Hardship is defined in applicable regulations promulgated or to be promulgated pursuant to the Internal Revenue Code (IRC) or standards established by the Secretary of the Treasury or their delegate.

g. Vesting

Participants are fully vested in their own contributions plus actual earnings or losses thereon. The following represents the vesting schedule for Plan Sponsor discretionary matching contributions:

<u>Years of Vesting Service</u>	<u>Vested Percentage</u>
Less than 1 year	0%
1 year	25%
2 years	50%
3 years	75%
4 or more years	100%

LUX RESEARCH, INC. 401(K) PROFIT SHARING PLAN

Notes to Financial Statements
December 31, 2022 and 2021

1. DESCRIPTION OF PLAN (Continued)

g. Vesting (Continued)

The following represents the vesting schedule for Plan Sponsor discretionary non-elective contributions:

<u>Years of Vesting Service</u>	<u>Vested Percentage</u>
1 year or less	0%
2 years	20%
3 years	40%
4 years	60%
5 years	80%
6 years or more	100%

Participants become fully vested upon death or permanent disability.

h. Forfeitures

Forfeitures represent non-vested Plan Sponsor contributions forfeited by participants who terminate their employment or who withdraw from the Plan. Forfeitures are retained by the Plan and are used to reduce future Plan Sponsor contributions or offset administrative expenses. The Plan had \$14,444 and \$26,532 of unallocated forfeitures as of December 31, 2022 and 2021, respectively. The Plan Sponsor used \$34,845 of forfeitures to reduce Plan Sponsor discretionary matching contributions and \$116 to pay the Plan's administrative expenses during 2022.

i. SECURE Act 2.0

On December 29, 2022, the Consolidated Appropriations Act of 2023, which included SECURE Act 2.0, was executed. SECURE Act 2.0 contains over ninety new retirement provisions, with varying effective dates through 2027. Since SECURE Act 2.0 provisions include both required and optional elements, the Plan Administrator will determine the optional provisions to elect and amend the Plan document accordingly. Most of the significant provisions will become effective in 2024 and thereafter. Accordingly, there is no material impact to the Plan's 2022 financial statements.

2. SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES

Basis of Presentation

The Plan prepares its financial statements in accordance with generally accepted accounting principles (U.S. GAAP) established by the Financial Accounting Standards Board (FASB). References to U.S. GAAP in these notes are to the FASB Accounting Standards Codification (ASC).

Use of Estimates

The preparation of financial statements in accordance with U.S. GAAP requires management to make estimates and assumptions that affect the reported amounts of assets and liabilities and changes therein and disclosure of contingent assets and liabilities. Actual results could differ from those estimates.

LUX RESEARCH, INC. 401(K) PROFIT SHARING PLAN

Notes to Financial Statements
December 31, 2022 and 2021

2. SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (Continued)

Investments and Income Recognition

Mutual funds are reported at fair value. Fair value is the price that would be received to sell an asset, or paid to transfer a liability in an orderly transaction between market participants at the measurement date (see Note 4).

Fixed annuity contracts held by a defined contribution plan are required to be reported at fair value, except for fully benefit-responsive investment contracts. Contract value is the relevant measurement attribute for that portion of the net assets available for benefits of a defined contribution plan attributable to fully benefit-responsive investment contracts because contract value is the amount participants would receive if they were to initiate permitted transactions under the terms of the Plan.

Purchases and sales of investments are recorded on a trade-date basis. Interest income is recorded on the accrual basis. Dividends are recorded on the ex-dividend date. Net depreciation of investments includes gains and losses on investments bought and sold, as well as held during the year.

Notes Receivable from Participants

Notes receivable from participants are measured at their unpaid principal balance, plus any accrued unpaid interest. Interest income on notes receivable from participants is recorded on the accrual basis. Related fees are recorded as administrative expenses and are expensed when they are incurred. No allowance for credit losses has been recorded as of December 31, 2022. If a participant ceases to make loan repayments and the Plan Administrator deems the participant loan to be in default, the participant loan balance is reduced, and a benefit payment is recorded. As of December 31, 2022, there were no defaulted loans that were deemed distributed.

Payment of Benefits

Benefits are recorded when paid.

Administrative Expenses

Certain expenses of maintaining the Plan are paid directly by the Plan Sponsor and are excluded from these financial statements. Fees related to recordkeeping, the administration of participant loans, and processing of distributions are charged directly to the participant's account and are included in administrative expenses. Investment-related expenses are included in net depreciation of investments.

Subsequent Events

Subsequent events have been evaluated through November 10, 2023, which is the date the financial statements were available to be issued. There were no events that met the criteria for recognition or disclosure in the financial statements.

3. INFORMATION PREPARED AND CERTIFIED BY THE PLAN'S QUALIFIED INSTITUTIONS

The Plan Administrator has elected the method of annual reporting compliance permitted by ERISA Section 103(a)(3)(C) pursuant to 29 CFR 2520.103-8 of the Department of Labor's (DOL) Rules and Regulations for Reporting and Disclosure under ERISA. Accordingly, Empower Life & Annuity Insurance Company of New York and Empower Trust Company, LLC, the qualified institutions, have certified to the completeness and accuracy of all investments and notes receivable from participants reported in the accompanying statements of net assets available for benefits as of December 31, 2022 and 2021, and the supplemental schedule, Form 5500, Schedule H, Part IV, Line 4i - Schedule of Assets Held at End of Year as of December 31, 2022, and the related investment transactions and net investment loss and interest income on notes receivable from participants reported in the accompanying statement of changes in net assets available for benefits for the year ended December 31, 2022.

At the request of the Plan Administrator, the Plan's independent auditors did not perform auditing procedures with respect to certified investment information, except for comparing such certified investment information included in the accompanying financial statements and supplemental schedule Form 5500, Schedule H, Part IV, Line 4i - Schedule of Assets Held at End of Year as of December 31, 2022.

4. FAIR VALUE MEASUREMENT

Fair value is defined as the price that would be received to sell an asset or paid to transfer a liability in an orderly transaction between market participants, as of the measurement date. *Fair Value Measurement* establishes a hierarchy of valuation techniques based upon whether the inputs to those valuation techniques reflect assumptions other market participants would use based upon market data obtained from independent sources (also referred to as observable inputs).

The following summarizes the fair value hierarchy:

Level 1: Inputs to the valuation methodology are unadjusted quoted prices for identical assets or liabilities in active markets that the Plan has the ability to access.

Level 2: Inputs to the valuation methodology include:

- Quoted prices for similar assets or liabilities in active markets;
- Quoted prices for identical or similar assets or liabilities in inactive markets;
- Inputs other than quoted prices that are observable for the asset or liability; and
- Inputs that are derived principally from or corroborated by observable market data by correlation or other means.

If the asset or liability has a specified (contractual) term, the Level 2 input must be observable for substantially the full term of the asset or liability.

Level 3: Inputs to the valuation methodology are unobservable and significant to the fair value measurement.

The asset or liability's fair value measurement level within the fair value hierarchy is based on the lowest level of any input that is significant to the fair value measurement. Valuation techniques maximize the use of relevant observable inputs and minimize the use of unobservable inputs.

LUX RESEARCH, INC. 401(K) PROFIT SHARING PLAN

Notes to Financial Statements
December 31, 2022 and 2021

9. FIXED ANNUITY CONTRACT

The Plan has a fixed annuity contract with Empower Annuity Insurance Company of America (the insurance company). Contributions are held in the insurance company general account and are maintained in a group annuity account. The account is credited with earnings on the underlying investments and charged for participant withdrawals and administrative expenses. The contract is considered fully benefit-responsive and reported at contract value. Contract value represents contributions made under the contract, plus earnings, less participant withdrawals and administrative expenses.

Participants may ordinarily direct the withdrawal or transfer of all or a portion of their investment at contract value. However, there are certain events that limit the Plan's ability to transact at contract value with the insurance company. Such events include the following: (1) premature termination of the contract by the Plan, (2) plant closings, (3) layoffs, (4) plan termination, (5) bankruptcy, and (6) early retirement incentives. The insurance company may not terminate the contract at any amount less than contract value.

There are no reserves against contract value for credit risk of the contract issuer or otherwise. The crediting interest rate is based on a formula agreed upon with the insurance company. Such interest rates are reviewed on a quarterly basis for resetting.

10. DELINQUENT PARTICIPANT CONTRIBUTIONS

During 2022, the Plan Sponsor failed to segregate and remit in a timely manner certain participant contributions (salary reduction amounts) from its assets within the required time period as specified by the United States DOL Reg. 2520.3012. Failure to segregate and remit contributions within the specified time period is a prohibited transaction. The Plan Sponsor intends to take corrective action during the 2023 Plan year.

11. RECONCILIATION TO THE IRS FORM 5500

The following is a reconciliation of net assets available for benefits per the IRS Form 5500 to the financial statements as of December 31:

	<u>2022</u>	<u>2021</u>
Net assets available for benefits per the IRS Form 5500	\$ 5,217,489	\$ 6,633,751
Plus - employer contributions receivable	<u>144,788</u>	<u>85,468</u>
Net assets available for benefits per the financial statements	<u>\$ 5,362,277</u>	<u>\$ 6,719,219</u>

The following is a reconciliation of net loss per the IRS Form 5500 to the financial statements as of December 31, 2022:

Net loss per the IRS Form 5500	\$ (1,416,262)
Plus - 2022 Employer contributions receivable	144,788
Less - 2021 Employer contributions receivable	<u>(85,468)</u>
Net decrease per the financial statements	<u>\$ (1,356,942)</u>

LUX RESEARCH, INC. 401(K) PROFIT SHARING PLAN

Notes to Financial Statements
December 31, 2022 and 2021

4. FAIR VALUE MEASUREMENT (Continued)

Following is a description of the valuation methodology used for assets measured at fair value:

Mutual funds: Valued at the daily closing price as reported by the fund. Mutual funds held by the Plan are open-ended mutual funds that are registered with the Securities and Exchange Commission. These funds are required to publish their daily net asset value (NAV) and to transact at that price. The mutual funds held by the Plan are deemed to be actively traded.

There has been no change in the methodology used at December 31, 2022, from the prior year.

The preceding method described may produce a fair value calculation that may not be indicative of net realizable value or reflective of future fair values. Furthermore, although the Plan believes its valuation method is appropriate and consistent with other market participants, the use of different methodologies or assumptions to determine the fair value of certain financial instruments could result in a different fair value measurement at the reporting date.

All of the Plan's assets at fair value as of December 31, 2022 and 2021, are valued using Level 1 inputs.

5. PLAN TERMINATION

Although it has not expressed any intention to do so, the Plan Sponsor has the right under the Plan to discontinue its contributions at any time and to terminate the Plan subject to the provisions of ERISA. In the event of plan termination, all participants will become fully vested and all accrued benefits shall be paid to participants in accordance with provisions of the Plan.

6. TAX STATUS

The Plan Sponsor has obtained an opinion letter dated November 14, 2022, in which the IRS stated that the restated prototype plan document was in compliance with applicable requirements of the IRC. The Plan Administrator timely adopted the restated prototype plan. The Plan Administrator believes that the Plan is currently being operated in accordance with the IRC.

U.S. GAAP requires Plan management to evaluate tax positions taken by the Plan and recognizes a tax liability (or asset) if the Plan has taken an uncertain position that more-likely-than-not would not be sustained upon examination by the applicable authorities. The Plan is subject to routine audits by taxing jurisdictions, however, there are currently no audits for any tax periods in progress.

7. PARTY-IN-INTEREST TRANSACTIONS

Section 3(14) of ERISA defines a party-in-interest to include, among others, fiduciaries or employees of the Plan, any person who provides services to the Plan or an employer whose employees are covered by the Plan. Accordingly, notes receivable to participants and transactions with investment funds managed and held by the qualified institutions are considered party-in-interest transactions. During 2022, the Plan paid recordkeeping and administrative service fees of \$21,965.

8. RISKS AND UNCERTAINTIES

The Plan invests in various investment securities. Investment securities are exposed to various risks, such as interest rate, market and credit risks. Due to the level of risk associated with certain investment securities, it is at least reasonably possible that changes in the values of investment securities will occur in the near term and that such changes could materially affect participants' account balances, and the amounts reported in the accompanying statements of net assets available for benefits.

LUX RESEARCH, INC. 401(K) PROFIT SHARING PLAN
(PLAN NO. 001, FEDERAL I.D. #92-0201219)

Form 5500, Schedule H, Part IV, Line 4a - Schedule of Delinquent Participant Contributions
December 31, 2022

<u>Year</u>	<u>Check Here if Late Participant Loan Repayments are Included</u>	<u>Participant Contributions Transferred Late to Plan</u>	<u>Total That Constitutes Nonexempt Prohibited Transactions</u>		<u>Contributions Pending Correction in VFCP</u>	<u>Total Fully Corrected Under VFCP and PTE 2002-51</u>
			<u>Contributions Not Corrected</u>	<u>Contributions Corrected Outside VFCP</u>		
2022	√	<u>\$ 217,071 *</u>	<u>\$ 217,071 **</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>

* \$217,071 represents delinquent participant contributions that were submitted late to the Plan during the year ended December 31, 2022.

** Includes \$217,071 of delinquent participant contributions on various pay periods during the Plan year ended December 31, 2022, that will be corrected in 2024.

LUX RESEARCH, INC. 401(K) PROFIT SHARING PLAN
(PLAN NO. 001, FEDERAL I.D. #92-0201219)

Form 5500, Schedule H, Part IV, Line 4i - Schedule of Assets Held at End of Year
December 31, 2022

(a)	(b)	(c)	(d)	(e)
Party-In Interest	Identity of Issue, Borrower, Lessor, or Similar Party	Description of Investment Including Maturity Date, Rate of Interest, Collateral, Par, or Maturity Value	Cost	Current Value
	American Funds 2040 Target Date Retirement R6	Mutual Fund	*	\$ 1,000,084
	American Funds 2050 Target Date Retirement R6	Mutual Fund	*	954,506
	American Funds 2035 Target Date Retirement R6	Mutual Fund	*	633,899
	American Funds 2020 Target Date Retirement R6	Mutual Fund	*	416,410
	American Funds 2055 Target Date Retirement R6	Mutual Fund	*	365,449
	American Funds 2045 Target Date Retirement R6	Mutual Fund	*	293,425
	American Funds 2060 Target Date Retirement R6	Mutual Fund	*	292,161
	American Funds 2030 Target Date Retirement R6	Mutual Fund	*	290,967
	Fidelity 500 Index	Mutual Fund	*	185,400
	Fidelity International Index	Mutual Fund	*	159,211
**	Empower Portfolio Fund	Fixed Annuity Contract	*	129,187
	Fidelity Small Cap Index	Mutual Fund	*	62,020
	American Funds 2025 Target Date Retirement R6	Mutual Fund	*	61,116
	American Funds 2065 Target Date Retirement R6	Mutual Fund	*	54,310
	Victory Sycamore Established Value R6	Mutual Fund	*	54,299
	T Rowe Price Blue Chip Growth I	Mutual Fund	*	50,146
	Carillon Eagle Mid Cap Growth R6	Mutual Fund	*	47,100
	Fidelity Mid Cap Index	Mutual Fund	*	42,966
	Columbia Dividend income Instl 3	Mutual Fund	*	31,874
	Fidelity US Bond Index	Mutual Fund	*	24,580
	Clearbridge Small Cap Growth IS	Mutual Fund	*	23,302
	Goldman Sachs SM Cap Val Insights Instl	Mutual Fund	*	14,370
	Invesco Global R6	Mutual Fund	*	5,548
	American Funds Europacific GR R6	Mutual Fund	*	4,064
**	Notes receivable from participants	Interest rate of 4.25%, maturing November 2028	-	21,095
				<u>\$ 5,217,489</u>
*	The cost of participant-directed investments is not required to be disclosed.			
**	Represents a Party-In-Interest to the Plan			

Schedule H/I, Line 4a
Schedule of Delinquent Participant Contributions

Name of Plan: ► Lux Research, Inc. 401(k) Profit Sharing Plan

Employer Identification No.: ► 92-0201219

Plan year (beginning/ending): ► 01/01/2022 - 12/31/2022 Plan number: ► 001

Participant Contributions Transferred Late to Plan	Total that Constitute Nonexempt Prohibited Transactions			Total Fully Corrected Under VFCP and PTE 2002-51
Check here if Late Participant Loan Repayments are included:	Contributions Not Corrected	Contributions Corrected Outside VFCP	Contributions Pending Correction in VFCP	
		217,071		

SCHEDULE OF ASSETS (HELD AT END OF YEAR)

Lux Research, Inc. 401(k) Profit Sharing Plan

01-JAN-22 to 31-DEC-22

27-JAN-23 07:35:00

INVESTMENT OPTION	MATURITY DATE	INTEREST RATE	COST OF ASSETS	CURRENT VALUE
1RRCTX			489,203.96	416,410.16
1RFDTX			69,252.18	61,116.27
1RFETX			350,393.14	290,966.78
1RFFTX			777,171.31	633,899.31
1RFGTX			1,234,333.20	1,000,084.27
1RFHTX			365,399.12	293,425.36
1RFITX			1,167,093.58	954,506.43
1RFKTX			446,962.92	365,449.22
1RFUTX			356,648.31	292,160.66
1RFVTX			61,378.40	54,310.16
1RERGX			4,972.50	4,064.37
1FSPSX			175,342.89	159,211.11
1OGLIX			8,097.98	5,547.87
1LMOIX			33,859.57	23,302.44
1FSSNX			74,699.02	62,019.56
1GSITX			17,187.10	14,369.61
1HRAUX			63,148.71	47,099.82
1FSMDX			50,649.89	42,966.81
1VEVRX			58,476.62	54,298.70
1CDDYX			32,238.41	31,873.51
1FXAIX			201,518.37	185,399.82
1TBCIX			86,683.90	50,144.70
1FXNAX			27,386.59	24,579.66
1NYPOR		1.050	107,067.98	114,743.54
			6,259,165.65	5,181,950.14
PARTICIPANT LOANS	VARIOUS	4.250-4.250	21,170.61	21,094.83
FORFEITURES			13,801.95	14,443.59

SCHEDULE OF ASSETS (HELD AT END OF YEAR)

GA

Lux Research, Inc. 401(k) Profit Sharing Plan

01-JAN-22 to 31-DEC-22

27-JAN-23 07:35:00

INVESTMENT OPTION	MATURITY DATE	INTEREST RATE	COST OF ASSETS	CURRENT VALUE
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LEGEND

INVESTMENT OPTION:

1RRCTX American Funds 2020 Trgt Date Retire R6
 1RFETX American Funds 2030 Trgt Date Retire R6
 1RFGTX American Funds 2040 Trgt Date Retire R6
 1RFITX American Funds 2050 Trgt Date Retire R6
 1RFUTX American Funds 2060 Trgt Date Retire R6
 1RERGX American Funds EuroPacific Gr R6
 1OGLIX Invesco Global R6
 1FSSNX Fidelity Small Cap Index
 1HRAUX Carillon Eagle Mid Cap Growth R6
 1VEVRX Victory Sycamore Established Value R6
 1FXAIX Fidelity 500 Index
 1FXNAX Fidelity US Bond Index

1RFDTX American Funds 2025 Trgt Date Retire R6
 1RFFTX American Funds 2035 Trgt Date Retire R6
 1RFHTX American Funds 2045 Trgt Date Retire R6
 1RFKTX American Funds 2055 Trgt Date Retire R6
 1RFVTX American Funds 2065 Trgt Date Retire R6
 1FSPSX Fidelity International Index
 1LMOIX ClearBridge Small Cap Growth IS
 1GSITX Goldman Sachs Sm Cap Val Insights Instl
 1FSMDX Fidelity Mid Cap Index
 1CDDYX Columbia Dividend Income Instl 3
 1TBCIX T. Rowe Price Blue Chip Growth I
 1NYPOR Empower Portfolio Fund

COST OF ASSETS: The original cost of the assets in each investment option as of the last day of the plan year

CURRENT VALUE: The value of all assets in each investment option as of the last day of the plan year