ADVANCED MEDICAL OPTICS INC Form SC 13G/A February 14, 2005

OMB APPROVAL

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UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

SCHEDULE 13G/A

Under the Securities Exchange Act of 1934 (Amendment No. 4)*

ADVANCED MEDICAL OPTICS, INC.

(Name of Issuer)

Shares of Common Stock, par value \$.01 per share

(Title of Class of Securities)

00763M108

(CUSIP Number)

December 31, 2004

(Date of Event Which Requires Filing of this Statement)

Check the appropriate box to designate the rule pursuant to which this Schedule is filed:

o Rule 13d-1 (b)

þ Rule 13d-1 (c)

o Rule 13d-1 (d)

The information required in the remainder of this cover page shall not be deemed to be filed for the purpose of Section 18 of the Securities Exchange Act of 1934 or otherwise subject to the liabilities of that section of the Act but shall be subject to all other provisions of the Act (however, see the notes).

^{*}The remainder of this cover page shall be filled out for a reporting person s initial filing on this form with respect to the subject class of securities, and for any subsequent amendment containing information which would alter the disclosures provided in a prior cover page.

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CUSIP No. 00763M108					
1.	. Name of Reporting Person: Greenlight Capital, L.L.C.			I.R.S. Identification Nos. of above persons (entities only): 13-3886851	
2.	2. Check the Appropriate Box if a Member of a Group*:(a) o(b) o				
3.	SEC	! Use	Only:		
4.	Citiz Dela		nip or Place of Organization:		
Number of Shares Beneficially Owned by Each Reporting Person With		5.	Sole Voting Power:		
	illy by ng	6.	Shared Voting Power:		
	ith '	7.	Sole Dispositive Power:		
		8.	Shared Dispositive Power: 0		
9.	Agg 0	rega	te Amount Beneficially Owned b	y Each Reporting Person:	
10.	Cheo	ck if	the Aggregate Amount in Row (9) Excludes Certain Shares*:	

Percent of Class Represented by Amount in Row (9)
0.0%**

12. Type of Reporting Person*: OO

*SEE INSTRUCTIONS BEFORE FILLING OUT **SEE ITEM 4(b).

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CUSIP No. 00763M108					
1.	Name of Reporting Person: Greenlight Capital, Inc.			I.R.S. Identification Nos. of above persons (entities only): 13-3871632	
2.	Check the Appropriate Box if a Member of a Group*:(a) o(b) o				
3.	SEC	'Use	Only:		
4.	Citiz Dela		nip or Place of Organization:		
Number of Shares Beneficially Owned by Each Reporting Person With		5.	Sole Voting Power:		
	illy by ng	6.	Shared Voting Power:		
	ith '	7.	Sole Dispositive Power:		
		8.	Shared Dispositive Power:		
9.	Agg 0	rega	te Amount Beneficially Owned by Eac	h Reporting Person:	
10.	Cheo	ck if	the Aggregate Amount in Row (9) Exc	cludes Certain Shares*:	

	0.0%**
12.	Type of Reporting Person*: CO
	STRUCTIONS BEFORE FILLING OUT FEM 4(b).

CUSIP No	. 007	63M	13G/A 1108
			Reporting Person: I.R.S. Identification Nos. of above persons (entities only): inhorn
	Chec (a) (b)	o	ne Appropriate Box if a Member of a Group*:
3.	SEC	' Use	e Only:
4.	Citiz U.S.		hip or Place of Organization: izen
Number of Shares Beneficially Owned by Each Reporting Person With		5.	Sole Voting Power: 0
	lly by ng	6.	Shared Voting Power: 0
	ith	7.	Sole Dispositive Power: 0
		8.	Shared Dispositive Power: 0
9.	Agg 0	rega	te Amount Beneficially Owned by Each Reporting Person:
10.	Chec	ck if	the Aggregate Amount in Row (9) Excludes Certain Shares*:

	Percent of Class Represented by Amount in Row (9): 0.0%**
12.	Type of Reporting Person*: IN
	STRUCTIONS BEFORE FILLING OUT TEM 4(b).

AMENDMENT NO. 4 TO SCHEDULE 13G

This Amendment No. 4 (this Amendment) to Schedule 13G relating to shares of common stock of Advanced Medical Optics, Inc., a Delaware corporation (the Issuer), is being filed with the Securities and Exchange Commission (the Commission) as an amendment to Schedule 13G filed with the Commission on August 16, 2002, as amended by Amendment No. 1 filed with the Commission on November 14, 2002, as amended by the Amendment No. 2 filed with the Commission on March 18, 2003, as amended by Amendment No. 3 filed with the Commission on March 11, 2004 (the Original Schedule 13G). This statement is being filed on behalf of Greenlight Capital, L.L.C., a Delaware limited liability company (Greenlight LLC), Greenlight Capital, Inc., a Delaware corporation (Greenlight Inc. and together with Greenlight LLC, Greenlight) and Mr. David Einhorn, principal of Greenlight.

This Amendment No. 4 to Schedule 13G relates to shares of Common Stock of the Issuer purchased by Greenlight for the account of (i) Greenlight Capital, L.P., of which Greenlight LLC is the general partner, (ii) Greenlight Capital Qualified, L.P., of which Greenlight LLC is the general partner and (iii) Greenlight Capital Offshore, Ltd., to which Greenlight Inc. acts as investment advisor.

Item 2(b) Address of Principal Business Office, or, if none, Residence.

If this statement is being filed to report the fact that as of the date hereof the reporting person has ceased to be the beneficial owner of more than five percent of the class of securities check the following: X **Item 10 Certification.**

By signing below I certify that, to the best of my knowledge and belief, the securities referred to above were not acquired and are not held for the purpose of or with the effect of changing or influencing the control of the issuer of the securities and were not acquired and are not held in connection with or as a participant in any transaction having that purpose or effect.

SIGNATURE

After reasonable inquiry and to the best of my knowledge and belief, I certify that the information set forth in this statement is true, complete and correct.

Date: February 14, 2005

Greenlight Capital, L.L.C.

By: /S/ DAVID EINHORN

David Einhorn, Senior Managing Member

Greenlight Capital, Inc.

By: /S/ DAVID EINHORN

David Einhorn, President

/S/ DAVID EINHORN

David Einhorn