ADVANCED PHOTONIX INC Form SC 13G August 31, 2005

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

SCHEDULE 13G

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

ADVANCED PHOTONIX, INC.

(Name of Issuer)

COMMON STOCK, PAR VALUE \$.001 PER SHARE

(Title of Class of Securities)

00754E 107

(CUSIP Number)

August 16, 2005

(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)
- ý Rule 13d-1(c)
- o Rule 13d-1(d)

*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.

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 (Act) 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).

CUSIP No. 00754E 10 7

1.	Names of Reporting Persons. I.R.S. Identification Nos. of above persons (entities only) AIGH INVESTMENT PARTNERS, LLC			
2.	Check the Appropriate Box if a (a) (b)	a Member of a Group (See I o o	Instructions)	
3.	SEC Use Only			
4.	Citizenship or Place of Organization Delaware			
	5.		Sole Voting Power 945,302	
Number of Shares Beneficially Owned by Each Reporting Person With	6.		Shared Voting Power 945,302	
	7.		Sole Dispositive Power 945,302	
	8.		Shared Dispositive Power 945,302	
9.	Aggregate Amount Beneficially Owned by Each Reporting Person 945,302			
10.	Check if the Aggregate Amount in Row (9) Excludes Certain Shares (See Instructions) o			
11.	Percent of Class Represented by Amount in Row (9) 5.59%			
12.	Type of Reporting Person (See OO	Instructions)		
		2		

Item 1.				
	(a)	Name of Issuer		
	4.	ADVANCED PHOTONIX, I		
	(b)	Address of Issuer s Principal Executive Offices 1240 Avenida Acaso, Camarillo, California 93012		
		1240 Avenida Acaso, Camari	llo, California 93012	
Item 2.				
110111 2.	(a)	Name of Person Filing		
		AIGH Investment Partners, L	LC	
		Orin Hirschman is the manag	ing member of AIGH Investment Partners, LLC.	
	(b)	Address of Principal Business Office or, if none, Residence		
		The principal business office of AIGH Investment Partners, LLC is 6006 Berkeley Ave., Baltimore,		
		MD 21209.		
	(c)	Citizenship		
	(1)		LC is a Delaware limited liability company.	
	(d)	Title of Class of Securities Common Stock		
	(e)	CUSIP Number		
	(6)	00754E 10 7		
		00/3/12/10/		
Item 3.	If this statement is fi	iled pursuant to §§240.13d-1(b) or 240.13d-2(b) or (c), check whether the person filing is a:	
Item 3.	If this statement is find N/A	iled pursuant to §§240.13d-1(b) or 240.13d-2(b) or (c), check whether the person filing is a:	
Item 3.	N/A	-	Broker or dealer registered under section 15 of the Act (15 U.S.C.	
Item 3.	N/A (a)	0	Broker or dealer registered under section 15 of the Act (15 U.S.C. 78o).	
Item 3.	N/A	-	Broker or dealer registered under section 15 of the Act (15 U.S.C. 78o). Bank as defined in section 3(a)(6) of the Act (15 U.S.C. 78c).	
Item 3.	N/A (a)	0	Broker or dealer registered under section 15 of the Act (15 U.S.C. 78o). Bank as defined in section 3(a)(6) of the Act (15 U.S.C. 78c). Insurance company as defined in section 3(a)(19) of the Act (15	
Item 3.	N/A (a) (b) (c)	0 0 0	Broker or dealer registered under section 15 of the Act (15 U.S.C. 78o). Bank as defined in section 3(a)(6) of the Act (15 U.S.C. 78c). Insurance company as defined in section 3(a)(19) of the Act (15 U.S.C. 78c).	
Item 3.	N/A (a) (b)	0	Broker or dealer registered under section 15 of the Act (15 U.S.C. 78o). Bank as defined in section 3(a)(6) of the Act (15 U.S.C. 78c). Insurance company as defined in section 3(a)(19) of the Act (15 U.S.C. 78c). Investment company registered under section 8 of the Investment	
Item 3.	N/A (a) (b) (c) (d)	0 0 0	Broker or dealer registered under section 15 of the Act (15 U.S.C. 78o). Bank as defined in section 3(a)(6) of the Act (15 U.S.C. 78c). Insurance company as defined in section 3(a)(19) of the Act (15 U.S.C. 78c). Investment company registered under section 8 of the Investment Company Act of 1940 (15 U.S.C 80a-8).	
Item 3.	N/A (a) (b) (c)	0 0 0 0	Broker or dealer registered under section 15 of the Act (15 U.S.C. 78o). Bank as defined in section 3(a)(6) of the Act (15 U.S.C. 78c). Insurance company as defined in section 3(a)(19) of the Act (15 U.S.C. 78c). Investment company registered under section 8 of the Investment	
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Item 3.	N/A (a) (b) (c) (d) (e) (f) (g) (h)	0 0 0 0 0 0	Broker or dealer registered under section 15 of the Act (15 U.S.C. 78o). Bank as defined in section 3(a)(6) of the Act (15 U.S.C. 78c). Insurance company as defined in section 3(a)(19) of the Act (15 U.S.C. 78c). Investment company registered under section 8 of the Investment Company Act of 1940 (15 U.S.C 80a-8). An investment adviser in accordance with §240.13d-1(b)(1)(ii)(E); An employee benefit plan or endowment fund in accordance with §240.13d-1(b)(1)(ii)(F); A parent holding company or control person in accordance with § 240.13d-1(b)(1)(ii)(G); A savings associations as defined in Section 3(b) of the Federal Deposit Insurance Act (12 U.S.C. 1813);	
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Item 3.	N/A (a) (b) (c) (d) (e) (f) (g) (h)	0 0 0 0 0 0	Broker or dealer registered under section 15 of the Act (15 U.S.C. 78o). Bank as defined in section 3(a)(6) of the Act (15 U.S.C. 78c). Insurance company as defined in section 3(a)(19) of the Act (15 U.S.C. 78c). Investment company registered under section 8 of the Investment Company Act of 1940 (15 U.S.C 80a-8). An investment adviser in accordance with §240.13d-1(b)(1)(ii)(E); An employee benefit plan or endowment fund in accordance with §240.13d-1(b)(1)(ii)(F); A parent holding company or control person in accordance with § 240.13d-1(b)(1)(ii)(G); A savings associations as defined in Section 3(b) of the Federal Deposit Insurance Act (12 U.S.C. 1813); A church plan that is excluded from the definition of an investment	

Item 4. Ownership

Provide the following information regarding the aggregate number and percentage of the class of securities of the issuer identified in Item 1.

(a) Amount beneficially owned:

945,302 shares

(b) Percent of class:

5.59%

(c) Number of shares as to which the person has:

(i) Sole power to vote or to direct the vote

945,302

(ii) Shared power to vote or to direct the vote

945,302

(iii) Sole power to dispose or to direct the disposition of

945,302

(iv) Shared power to dispose or to direct the disposition of

945,302

Item 5. Ownership of Five Percent or Less of a Class

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 O.

Item 6. Ownership of More than Five Percent on Behalf of Another Person

N/A

Item 7. Identification and Classification of the Subsidiary Which Acquired the Security Being Reported on By the Parent

Holding Company or Control Person

N/A

Item 8. Identification and Classification of Members of the Group

N/A

Item 9. Notice of Dissolution of Group

N/A

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.

AIGH INVESTMENT PARTNERS, LLC

August 31, 2005 Date

/s/ Orin Hirschman Signature

Managing Member Name/Title

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Signature 6