



(11) **EP 1 678 442 B8**

(12) **CORRECTED EUROPEAN PATENT SPECIFICATION**

(15) Correction information:  
**Corrected version no 1 (W1 B1)**  
**Corrections, see**  
**Bibliography INID code(s) 73**

(51) Int Cl.:  
**F21V 5/04** <sup>(2006.01)</sup> **G02B 3/04** <sup>(2006.01)</sup>  
**G02B 3/08** <sup>(2006.01)</sup> **H01L 33/00** <sup>(2010.01)</sup>

(48) Corrigendum issued on:  
**26.06.2013 Bulletin 2013/26**

(86) International application number:  
**PCT/US2004/036260**

(45) Date of publication and mention  
of the grant of the patent:  
**27.02.2013 Bulletin 2013/09**

(87) International publication number:  
**WO 2005/041632 (12.05.2005 Gazette 2005/19)**

(21) Application number: **04810188.5**

(22) Date of filing: **28.10.2004**

(54) **Led light module and manufacturing method**

LED-Lichtmodul und Herstellungsverfahren

Module lumineux à DEL et procédé de fabrication

(84) Designated Contracting States:  
**AT BE BG CH CY CZ DE DK EE ES FI FR GB GR**  
**HU IE IT LI LU MC NL PL PT RO SE SI SK TR**

• **JASMIN, Roland, Jr.**  
**Lake Oswego, OR 97035 (US)**

(30) Priority: **31.10.2003 US 516382 P**

(74) Representative: **Laufhütte, Dieter**  
**Lorenz-Seidler-Gossel**  
**Widenmayerstrasse 23**  
**80538 München (DE)**

(43) Date of publication of application:  
**12.07.2006 Bulletin 2006/28**

(73) Proprietor: **Phoseon Technology, Inc.**  
**Hillsboro, OR 97124 (US)**

(56) References cited:  
**WO-A-01/40829 GB-A- 2 297 149**  
**JP-A- 9 018 056 JP-A- 58 196 067**  
**US-B1- 6 328 456 US-B1- 6 367 950**  
**US-B1- 6 536 923**

(72) Inventors:  
• **ANDERSON, Duwayne R.**  
**Saint Helens, OR 97051 (US)**

Note: Within nine months of the publication of the mention of the grant of the European patent in the European Patent Bulletin, any person may give notice to the European Patent Office of opposition to that patent, in accordance with the Implementing Regulations. Notice of opposition shall not be deemed to have been filed until the opposition fee has been paid. (Art. 99(1) European Patent Convention).

**EP 1 678 442 B8**