

Beneficiaries under OSRAM Core Phosphor Conversion LED Patents

(as of January 1st, 2016)

OSRAM is pleased to confirm that the companies shown in the table below (“Beneficiaries”) have entered into intellectual property agreements (“IP Agreements”) covering certain OSRAM intellectual property rights relating to phosphor conversion light emitting diode (pcLED) technology (“OSRAM pcLED Patents”).

Subject to the terms and conditions of the respective IP Agreement, each Beneficiary enjoys rights and/or covenants under OSRAM pcLED Patents when manufacturing certain products such as white light emitting pcLED packages for certain applications.

Beneficiary	Country	Beneficiary	Country
Citizen Electronics Co. Ltd.	Japan	Lumimicro Co., Ltd.	Korea
Cree, Inc.	USA	Nichia Corporation	Japan
Dominant Opto Techn. Sdn. Bhd.	Malaysia	Rohm Co. Ltd.	Japan
Dongbu LED Co., Ltd.	Korea	Samsung Electronics Co., Ltd.	Korea
Everlight Electronics Co. Ltd.	Taiwan	Seoul Semiconductor Co., Ltd.	Korea
Excelitas Technologies Corp.	USA	Sharp Corporation	Japan
Harvatek Corporation	Taiwan	Stanley Electric Co. Ltd.	Japan
Iljin LED Co. Ltd.	Korea	Toyoda Gosei Co., Ltd.	Japan
Koninklijke Philips Electronics N.V.	Netherlands	Unity Opto Technology Co. Ltd.	Taiwan
LG Innotek Co. Ltd.	Korea	Vishay Semiconductor GmbH	Germany
Liteon Technology Corporation	Taiwan	Wooree E&L Co. Ltd	Korea
Lumens Co., Ltd.	Korea		

Notes:

1. The table above is not a comprehensive list of all beneficiaries under the OSRAM pcLED Patents.
2. The information contained herein reflects the status as of the date indicated above and is subject to change without notice.
3. Due to confidentiality obligations, details of the IP Agreements cannot be disclosed.
4. In general, Beneficiaries are not permitted to assign, transfer or sub-license the rights and/or covenants granted under the respective IP Agreement to any third party.
5. The statements made herein only relate to OSRAM pcLED Patents. No statement is made or intended with regard to OSRAM IP rights other than OSRAM pcLED Patents (“Other OSRAM Patents”).
6. The statements made herein only relate to IP rights owned by OSRAM. As the case may be, Beneficiaries and/or third parties may own or control IP rights (“Other Party Patents”). No statement is made or intended with regard to Other Party Patents.
7. Nothing herein shall be construed as a representation or warranty that Beneficiaries’ operations under the rights and/or covenants granted under the respective IP Agreement will be free of infringement of any Other Party Patent or any Other OSRAM Patent.
8. No statement is made or intended with regard to the question whether any particular product sold by any of the Beneficiaries makes use or could or would make use of any IP right.
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