

**RoHS Directive/Product Content Sheet**

On 04.06.2015 the RoHS 3 Directive (EU) 2015/863 was published and entered into force. That means that new electrical and electronic equipment put on the market may not contain e.g. lead, mercury, cadmium, hexavalent chromium, polybrominated biphenyls (PBB), polybrominated diphenyl ethers (PBDE), Bis(2-ethylhexyl) phthalate (DEHP), Butyl benzyl phthalate (BBP), Dibutyl phthalate (DBP) or Diisobutyl phthalate (DIBP).

Hereby we confirm and assure that the product (product family) will fulfil the requirements of this directive:


**Product Content Sheet**

Product family	All LED-Chips
----------------	---------------

Declaration of voluntary avoidance of certain hazardous substances	Please confirm that the product contains none of the following hazardous substances or advise in which quantities
--	---

Material / Substance Name	Material / Substance Mass (gram)
1. Lead (Pb)	no intend content, < 0,1 M%
2. Mercury (Hg)	no intend content, < 0,1 M%
3. Cadmium	no intend content, < 0,01 M%
4. Hexavalent chromium	no intend content, < 0,1 M%
5. Polybrominated biphenyls (PBB)	no intend content, < 0,1 M%
6. Polybrominated diphenyl ethers (PBDE)	no intend content, < 0,1 M%
7. Bis(2-ethylhexyl) phthalate (DEHP)	no intend content, < 0,1 M%
8. Butyl benzyl phthalate (BBP)	no intend content, < 0,1 M%
9. Dibutyl phthalate (DBP)	no intend content, < 0,1 M%
10. Diisobutyl phthalate (DIBP)	no intend content, < 0,1 M%

**Usage in Toys or similar applications has to be approved by  
OSA Opto Light GmbH in written!**

Legally valid signature:  Date: 