

Canovelles, July 2017

The company Mercantil Luz Negra, S.L. with registered office in  
C / Carles Buigues 13, Polígono Industrial Can Castells, 08420 Canovelles  
(Barcelona, Spain)

# CERTIFIES

that the following products described here have been carried out the relevant technical tests and tests and that they have been satisfactory according to the regulations in force (data issued by the manufacturer of the product):

Product references and colour temperatures (°KELVIN):

**30.002** (6.500°K)  
**30.003** (3.000°K)

Product name: **ecoled JADE**

Product characteristics: **Led TypeSMD3528**  
**60 leds/metre -**  
**12V (voltage)**  
**4.8W/m (power - watt)**  
**IP20**  
**8mm PCB**

Test Standard: **EN 60598-1:2008+A11:2009** **EN 60598-2-20:2010/AC:2010**  
**EN 62471:2008** **EN 62493:2010**  
**EN 55015:2013** **EN 61547:2009**  
**EN 61000-3-2:2006+A1:2009+A2:2009** **EN 61000-3-3:2013**  
**EN 55015:2013+A1:2015** **EN 61000-3-2:2014**  
**EN 62031:2008+A1:2013+A2:2015** **EN 62493:2015**

Conformity test: **114AS07050L 598A** **14AE07050E 001**  
**PTS800473160512E-EM01** **PTS800473160512S-LD01**

Report number: **SA1407050L 01001** **EA1407050E 01001**  
**PTS800473160512E-EM01** **PTS800473160512S-LD01**

TEST UL: **IFDR.E365181**

The product described has been tested according to the standards listed above and under Directives.  
2006/95/EC - 2004/108/EC - 2014/35/EU. It is possible to use the CE marking.  
The certificate is issued under the responsibility of the manufacturer (data issued by the manufacturer).

And to record for the purposes that come and at the request of the interested party, is issued in this Certificate.

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# CERTIFIES

that the following products described here have been carried out the relevant technical tests and tests and that they have been satisfactory according to the regulations in force (data issued by the manufacturer of the product):

Product references and colour temperatures (°KELVIN):

**30.102**

**(4.000°K)**

Product name:

**ecoled JADE**

Product characteristics:

**Led TypeSMD3528**

**60 leds/metre -**

**12V (voltage)**

**4.8W/m (power - watt)**

**IP20**

**8mm PCB**

Test Standard Rohs:

**IEC62321-1:2013**

**IEC62321-3:2013**

**IEC62321-4:2013/AMD1:2017**

**IEC62321-5:2013**

**IEC62321-6:2015**

**IEC62321-7-1:2015**

**IEC62321-7-2:2017**

**IEC62321-8:2017**

Certificate N°:

**TST202103Q2241-3RC**

Test report N°:

**TST202103Q2241-3RR**

Directive:

**(EU)2015/863**

**(EU)2017/2102**

**2011/65/EU**

Test Standard EMC:

**EN 55015:2019+A11:2020**

**EN 61000-3-2:2019**

**EN 61547:2009**

**EN 61000-3-3:2013+A12019**

Certificate N°:

**AOC210305102E**

Directive:

**2014/30/EU**

Test Standard LVD:

**EN 60598-2-20:2015**

**EN 62031:2008+A1:2013+A2:2015**

**EN 62493:2015**

**EN 60598-1:2015+A1:2018**

**EN 62471:2008**

Certificate N°:

**AOC210305102S**

Directive:

**2014/35/EU**

The product described has been tested according to the standards listed above and under Directives.

It is possible to use the CE marking.

The certificate is issued under the responsibility of the manufacturer (data issued by the manufacturer).

And to record for the purposes that come and at the request of the interested party, is issued in this Certificate.