

Expertise

**Expert Opinion of the Notified Body on the Conformity Assessment
according to Article 10.5 of R&TTE Directive 1999/5/EC**

PHOENIX TESTLAB
EU Identification Number **0700**

Recognised by  Bundesnetzagentur

BNetzA-bs-02/51-55

Expertise No.	14-117053
Certificate Holder	PR LIGHTING LTD.
Address	1582 XINGYE AVENUE, NANCUN, PANYU, GUANGZHOU, CHINA
Product Description	XLED 3019 (Hotspot); with 2.4GHz Non- Specific Short Range Devices
Brand Name / Model Name	PR / PR-8127

Opinion on the Essential Requirements

Article 3.1a): Health and Safety	No remarks
Article 3.1b): Electromagnetic Compatibility	No remarks
Article 3.2: Effective Use of the Radio Spectrum	No remarks

CE-marking

Marking Example (Class 1) **CE 0700**

This certificate is issued in accordance with the Directive 1999/5/EC of the European Parliament and the Council on radio equipment and telecommunications terminal equipment and the mutual recognition of their conformity dated 9th March 1999 and is only valid in conjunction with the following annex (2 pages).

Blomberg, 02 December 2014

Place, Date of Issue



Signed by Alan Lane
Notified Body

Technical description

Frequency Range 2.4GHz Non-Specific Short Range Devices: 2402 - 2459 MHz
Transmitted Power 2.4GHz Non-Specific Short Range Devices: -0.20 dBm EIRP

Technical Construction File (TCF):

Technical documentation according to Annex II sub clause 4:

- User Manual Operational Description
 Block Diagram Circuit Diagram
 Parts Placement PCB-Layout
 Parts List

Hardware Version: --

Software Version: --

Applied Standards and Test Reports

Specification	Laboratory	Test Report Number
EN 60598-1:2008+A11:2009 EN 60598-2-17:1989+A2:1991 EN 62493:2010 EN 61347:2008+A1:2011+A2:2013 EN 61347-2-13:2006 EN 62031:2008+A1:2013	Shenzhen LCS Compliance Testing Laboratory Ltd.	LCS1410301002S
EN 62479:2010	Shenzhen LCS Compliance Testing Laboratory Ltd.	LCS1410301005E
EN 55015:2013 EN 61000-3-2:2006+A1:2009+A2:2009 EN 61000-3-3:2013 EN 61547:2009	Shenzhen LCS Compliance Testing Laboratory Ltd.	LCS1410301006E
EN 301 489-1 V1.9.2 EN 301 489-3 V1.6.1	Shenzhen LCS Compliance Testing Laboratory Ltd.	LCS1410301004E
EN 300 440-1 V1.6.1 EN 300 440-2 V1.4.1	Shenzhen LCS Compliance Testing Laboratory Ltd.	CS1410301003E

Further Documents

EU Declaration of Conformity, 2 pages, 2014-11-26.



Opinion on the Essential Requirements:

The basis of this Expertise is the Technical Construction File (TCF). If the TCF includes test reports issued by laboratories accredited to the standard ISO/IEC 17025, the test results of these reports are considered as a basis for the conformity assessment of the Notified Body.

Article 3.1a): Health and Safety:

- Conform.

Article 3.1b): Electromagnetic Compatibility:

- Conform.

Article 3.2: Effective Use of the Radio Spectrum:

- Conform.

General Remarks:

- This conformity assessment is limited to the essential requirements of the R&TTE Directive. Only products fulfilling all essential requirements of all applicable new approach directives may be placed on the market and put into service. Products in compliance with all provisions of the applicable directives providing for the CE marking must bear this marking.
- The Technical Construction File should include all parts of the schematic.
- The software and hardware may affect the compliance, therefore the software and hardware version shall be stated.
- The Technical Construction File should include the following technical documentation additionally:
 - Parts List
 - Block Diagram
 - Parts Placement
 - PCB Layout

