



SCHEDULE

EU TYPE EXAMINATION CERTIFICATE NUMBER: ITS13ATEX27854X R.1

13. DESCRIPTION OF THE EQUIPMENT OR PROTECTIVE SYSTEM

The product covered by this report is a portable LED headlamp in one enclosure. The printed circuit boards and components are mechanically captive by the design of the housing. After properly inserting the alkaline batteries, the assembly is mechanically locked via a cover locking screw.

The differences between the models are the value of internal electrical components: fuses, resistors, and the performance of the LED chip.

Rating: 4.5V nominal, powered by AAA cells in series, types Energizer E92, Energizer EN92.

CE Marking shall be accompanied by the identification number of the Notified Body responsible for surveillance of production.

14. DRAWINGS AND DOCUMENTS

TITLE	DOCUMENT Nr	LEVEL	DATE
*Top Level Design File (Total sheets = 1)	5450-52-GENL-MAST-00	F	05/08/2019
*Certification Master Design File (Total sheets=3)	5450-52-CERT-DWG1-01	F	05/08/2019
*Electrical Master Design File (Total sheets = 16)	5450-52-ELEC-DWG1-01	F	05/08/2019
Mechanical Master Design File (Total sheets = 6)	5450-52-MECH-DWG1-01	E	01/16/2017
*Instruction Manual XPP-5450G (Total sheets = 3)	INS-XPP-5450G-DL-21	--	06/18/2021
*XPP-5452G Instructions Manual (Total sheets = 3)	INS-XPP-5452G-DL-20	--	01/24/2020

*Note: An * is included before the title of documents that are new or revised.*

Copies of the above listed documents are kept at Intertek Italia S.p.A. archive.

15. SPECIAL CONDITIONS FOR SAFE USE

- Approved batteries for use: 4.5 V nominal, powered by three AAA cells in series, types Energizer E92 or Energizer EN92
- The capacitance measured on clip on back side of enclosure, being 3.8pF; exceeds limit of 3pF for Group IIC. The user shall determine the suitability of the equipment in the end application.
- See Instruction Manual for Warnings.

16. ESSENTIAL HEALTH AND SAFETY REQUIREMENTS

The relevant essential Health and Safety Requirements have been identified and assessed in Intertek Report Nr. 104092972DAL-019 dated December 06, 2021.



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17. ROUTINE (FACTORY) TESTS

- None

18. DETAIL OF CERTIFICATE CHANGES

Issue R.0:

- Models XPP-5450GC and XPP-5452GC have been added which include a metallic attachment clip on the mounting plate. These models use LED type XPGBWT-L1-0000-00L5.
- Standard EN 60079-0:2012 has been updated to EN 60079-0:2012 + A11:2013.
- Standard EN 60079-26:2007 has been removed.
- Standard EN 60079-28:2007 has been added.
- Type of protection Optical Radiation “op is” has been added.
- Updated ATEX directive; In accordance with Article 41 of Directive 2014/34/EU, EC-Type Examination Certificates referring to 94/9/EC that were in existence prior to the date of application of 2014/34/EU (20 April 2016) may be referenced as if they were issued in accordance with Directive 2014/34/EU. Supplementary Certificates to such EC-Type Examination Certificates, and new issues of such certificates, may continue to bear the original certificate number issued prior to 20 April 2016.

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Mechanical Master Design File (Total sheets = 6)	5450-52-MECH-DWG1-01	E	01/16/2017
XPP-5450G Instructions Manual (Total sheets = 6)	INS-XPP5450G-17B	17B	--
XPP-5450GC Instructions Manual (Total sheets = 6)	INS-XPP5450GC-17B	17B	--
XPP-5452G Instructions Manual (Total sheets = 5)	INS-XPP5452G-17B	17B	--
XPP-5452GC Instructions Manual (Total sheets = 5)	INS-XPP5452GC-17B	17B	--

Issue R.1:

- Alternate LED model GW PUSRA1.PM-N4N6-XX51-1-700-R18 (could be N3N5 instead of N4N6 as the difference is in the Luminous Flux) has been added. This LED was tested under ExTR GB/ITS/ExTR18.0051/00 and determined to meet T4 temperature code at an ambient of up to 40°C. Since it is good for T4 environment, it is good for T3 environment.
- Temperature code T3 has been updated to T4 for XPP-5450G and XPP-5452G models.



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- Standard EN 60079-28: 2007 has been updated to EN 60079-28: 2015
- Standard EN 60079-0:2012 has been updated to EN IEC 60079-0:2018.
- Update polymer from RTP 2599 X 123981 to RTP 2599 X 133889.
- Deleted XPP-5450GC and XPP-5452GC.

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