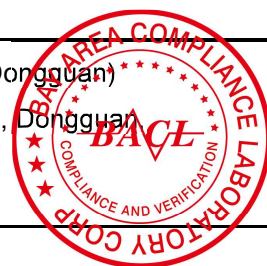


<b>TEST REPORT</b> <b>IEC 62471:2006 and EN 62471:2008</b> <b>Photobiological safety of lamps and lamp systems</b>	
Report reference No .....	2602T58185E-SF
Compiled by (+ signature) .....	Engineer: Max Li <i>MAX Li</i>
Approved by (+ signature) .....	Team Leader: Harrison Huang <i>Harrison Huang</i>
Date of issue .....	2026-05-29
Testing laboratory .....	Bay Area Compliance Laboratories Corp. (Dongguan)
Address .....	No.12, Pulong East 1 <sup>st</sup> Road, Tangxia Town, Dongguan Guangdong, China
Testing location .....	Same as above
Applicant .....	Astera LED Technology GmbH
Address .....	Schatzbogen 60, 81829 Munich, Germany
Standard .....	IEC 62471:2006 EN 62471:2008
Test sample(s) received.....	2026-05-14
Test in period.....	2026-05-16
Procedure deviation .....	N.A.
Non-standard test method .....	N.A.
Type of test object .....	HydraPanel
Trademark .....	N.A.
Model/type reference .....	FP6
Manufacturer.....	Astera Manufacturing Limited 101, 201, 301, 401, 501, Bldg. 3, CLT Science & Technology Park, No. 7, GanLiliu Road, Jihua subdistrict, Longgang District, Shenzhen, Guangdong Province, P.R. China
Rating .....	Input: 24VDC, 20W.
Copy of marking plate:	None



**Test item particulars :**

Tested lamp .....:HydraPanel  
 Tested lamp system .....:N.A.

**Lamp classification group.....:Exempt Group**

Lamp cap .....:N.A.  
 Bulb.....:N.A.  
 Rated of the lamp .....:See rating  
 Furthermore marking on the lamp.....:N.A.  
 Seasoning of lamps according EN standard .....: No seasoning  
 Temperature by measurement.....:26.2°C  
 Information for safety use.....:N.A.

**Possible test case verdicts:**

-test case does not apply to the test object.....:N(.A.)  
 -test object does meet the requirement.....:P(ass)  
 -test object does not meet the requirement.....:F(all)

**General remarks:**

The test results presented in this report relate only to the object tested.  
 This report shall not be reproduced, except in full, without the written approval of the Issuing testing laboratory.  
 "(See Enclosure #)" refers to additional information appended to the report.  
 "(See appended table)" refers to a table appended to the report.  
 Throughout this report a point is used as the decimal separator.

**Remark:**

**Appendix A - EUT photos**