

# Hao Yang Electronic Co., Ltd.

## TEST REPORT

**SCOPE OF WORK**

Single Test Report

**REPORT NUMBER**

220421127GZU-001

**ISSUE DATE**

22-April-2022

**REVISION DATE**

None

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General\_Single Test Report\_A

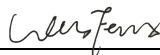
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## TEST REPORT

<b>Applicant</b>	:	Hao Yang Electronic Co., Ltd.
<b>Address</b>	:	No. 109, Hai Yong Road, Guan Nan Yong Industrial District, Shi Ji Village, Shi Ji Town, Pan Yu Zone, Guangzhou, Guangdong, China
<b>Sample Description</b>		
<b>Name of Sample</b>	:	Stage luminaire
<i>Trade mark</i>	:	AYRTON
<i>Model Number</i>	:	COBRA
<i>Sample Development Level</i>	:	Production
<i>Quantity of Sample(s)</i>	:	1
<i>Date of Receival</i>	:	21 April 2022
<i>Date of test Conducted</i>	:	21 April 2022 to 22 April 2022
<b>Test</b>		
<i>Test Requested</i>	:	IP65 test
<i>Test Method</i>	:	Refer to Clause 9.2.2 and 9.2.6 of IEC 60598-1:2014+A1:2017 and EN 60598-1:2015+A1:2018; IEC 60598-1: 2020 and EN IEC 60598-1:2021
<i>Test Observation:</i>	:	1. No deposit of talcum powder inside enclosures 2. No trace of water on electrical connections
<i>Test Conclusion:</i>	:	PASS
<i>Other information</i>	:	N/A
<i>Remark</i>	:	<ul style="list-style-type: none"> <li>This test report is only for evaluation of the specified standard clauses listed in <i>Test Requested</i>.</li> <li>When determine the test result, measurement uncertainty has been considered.</li> </ul>
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Tested by:

  
Wells Fang

Supervisor

The testing of this report is type tests. The requirements and tolerances permitted by this report are related to testing of a type-test sample submitted by the manufacturer for that purpose. Compliance of the type-test sample does not ensure compliance of the whole production of a manufacturer.

Approved by:

  
Shelley Ying

Technical Manager

## TEST REPORT

Possible test case verdicts:

- test case does not apply to the test object..... N/A
- test object does meet the requirement..... P (Pass)
- test object does not meet the requirement .... F (Fail)

General remark:

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Throughout this report a  comma  point is used as the decimal separator.

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<b>Test Result:</b>			
IP65 test conducted on submitted sample was fulfilled with requirement of standard Clause 9.2.2 and 9.2.6 of IEC 60598-1:2014+A1:2017 and EN 60598-1:2015+A1:2018; IEC 60598-1: 2020 and EN IEC 60598-1:2021			
9	RESISTANCE TO DUST AND MOISTURE		P
(-)	If IP > IP 20 the order of tests as specified in clause 17.13		P
9.2	Tests for ingress of dust, solid objects and moisture:		P
	- classification according to IP :	IP65	—
	- mounting position during test :	As normal use	—
	- fixing screws tightened; torque (Nm) :	0,8 Nm	—
	- tests according to clauses :	9.2.2; 9.2.6	—
	- electric strength test afterwards		P
	a) no deposit in dust-proof luminaire		N/A
	b) no talcum in dust-tight luminaire		P
	c) no trace of water on current-carrying parts or on insulation where it could become a hazard		P
	c.1) For luminaires without drain holes – no water entry		P
	c.2) For luminaires with drain holes – no hazardous water entry		P
	d) no water in watertight or pressure watertight luminaire		N/A
	e) no contact with live parts (IP 2X)		N/A
	e) no entry into enclosure (IP 3X and IP 4X)		N/A
	e) no contact with live parts through drain holes and ventilation slots (IP3X and IP4X)		N/A
	f) no trace of water on part of lamp requiring protection from splashing water		N/A
	g) no damage of protective shield or glass envelope		P
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**Appendix: Photos**



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**Appendix: Photos**



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