



# TEST REPORT

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NO.: MTL24020200301P01

**Applicant:**MRG Horticulture PTY LTD

**Address:** 2/570 St Kilda Road, Melbourne, Victoria, Australia, 3004

**Report on the submitted sample said to be:**

**Sample name:** Grow Light

**Model:** GL300W, GL420W, GL650W+, GL1000W+

**Material:** /

**Trademark:** Treegers

**Factory:** /

**Sample received date:**2024-01-30

**Testing period:** From 2024-01-30 to 2024-02-02

**Testing Requested:**

As specified by client, to determine degrees of protection provided by enclosure (IP66) on the submitted sample(s).

**Test Method:**

EN 60529:1991+A1:2000+A2:2013

Signed for and on behalf of  
Shenzhen MTL Testing Technology Co., Ltd

Prepared by:

*Karla Fan*

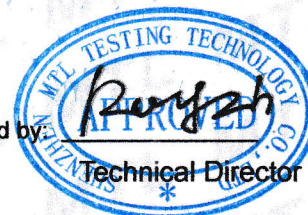
Project Engineer

Reviewed by:

*Zhan Cai*

Project Manager

Approved by:



Technical Director



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## Description of Sample():

Name	Grow Light
Trademark	Treegers
Model and/or type reference	GL300W, GL420W, GL650W+, GL1000W+
Rating(s)	120-277V~, 50/60Hz, Max. 420W

## Testing Ambient Condition:

Temperature	15°C~35°C
Relative Humidity	25%~75%
Atmospheric Pressure	86kpa~106kpa

## Testing Data:

Testing Item(s)	IP6X
Testing Method/Appliance	Dust box
Testing Condition	Talc applied in testing Content: 2Kg/m <sup>3</sup> in testing box The test wire of 1.0 mm $\phi$ shall not penetrate and adequate clearance shall be kept Testing duration: 8h
Requirements of IP6X	The protection is satisfactory if no deposit of dust is observable inside the enclosure at the end of the test
Testing Result(s)	There is no deposit of dust is observable, Sample function is normal.
Conclusion	Pass

Testing Item(s)	IPX6
Testing Method/Appliance	Waterproof test system
Testing Condition	internal diameter of the nozzle 12.5 mm Water flow rate : 100L/min; water pressure: to be adjusted to achieve the specified deliver core of the substantial stream: circle of approximately 40 mm diameter at 2.5 m distance from nozzle; test duration per square metre of enclosure surface area likely to be sprayed: 1 m minimum test duration: 3 min distance from nozzle to enclosure surface: between 2.5 m and 3 m.
Requirements of IPX5	No water or from the shell into the water will not affect the normal operation or destroy safety
Testing Result(s)	Sample function is normal
Conclusion	Pass



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**Note:**

- Photographs are included.



Photo 1

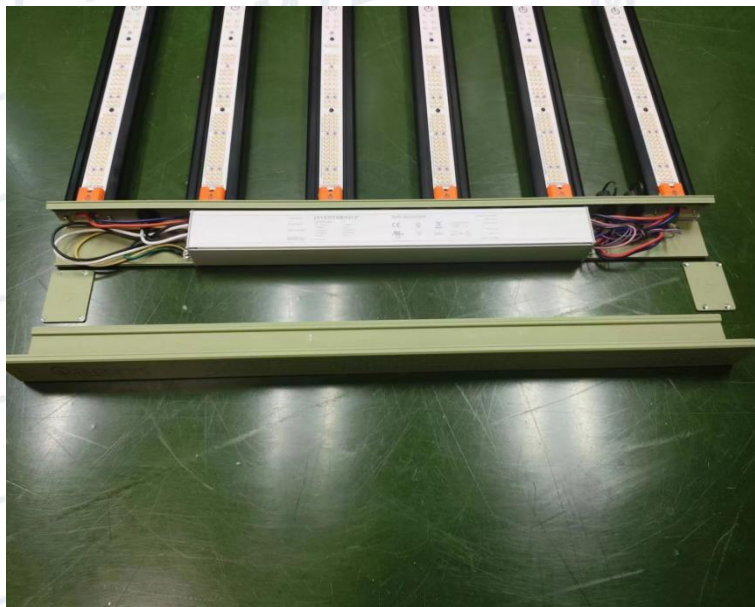


Photo 2



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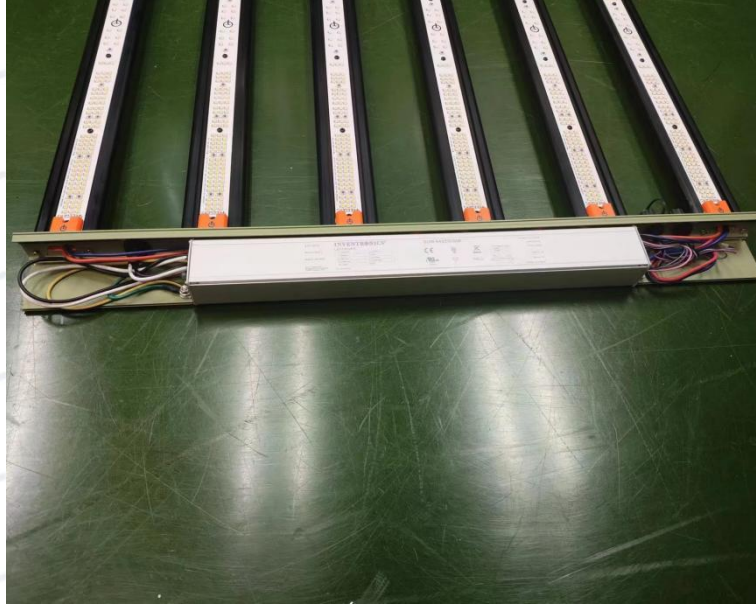


Photo 3



Photo 4



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Photo 5

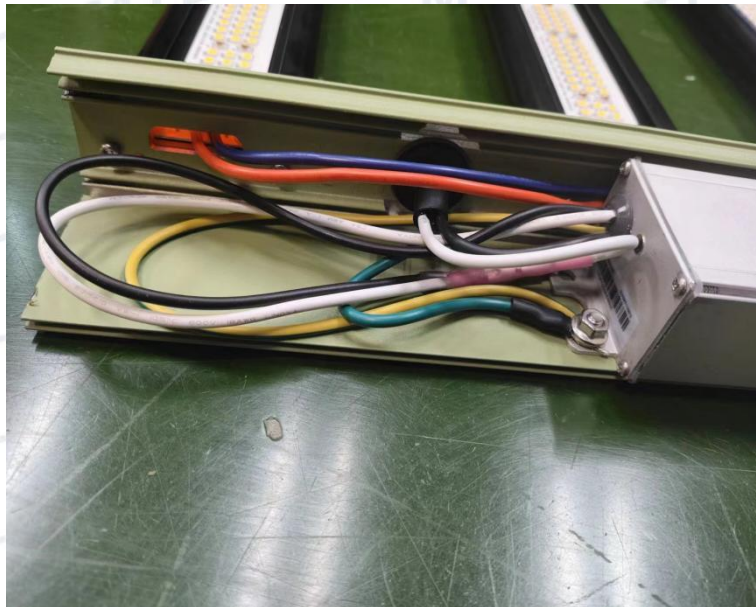


Photo 6

\*\*\*End of Report\*\*\*