

T e s t R e p o r t

Report No : L18592A
Client: : LEDLite
Description : 300W Ultra Slim LED Floodlight
Manufacturer : LEDLite
Type/Model : LTUSF300CW
Test Specification : BS EN 60598-1:2015 (Section 9 only - tests for resistance to solid objects and moisture – IP66)
Dates of Testing : 06/08/2019 – 07/08/2019
Conclusion : The sample tested complied with the above specification – IP66
Date of Issue : 08/08/2019
Date of Expiry : 07/08/2024

Tested by: T. ROKER
Position: Laboratory Technician



Approved by: K. DOBROWOLSKI
Position: Technical Lead –
Product Safety



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INTRODUCTION

LEDlite have supplied the product identified in Table 1. for determination of Ingress Protection rating in accordance with the specification detailed on page one of this report.

PRODUCT DETAILS

Table 1. Test Sample Details

Product Description	300W Ultra Slim LED Floodlight
Model No.	LTUSF300CW
Number of Samples	One
Date of Receipt	23/07/2019
Condition on Receipt	Good
Nominal Dimensions	L 460mm X W 96.5mm X H 556mm
Classification	Class I IP66
Product Supply Requirement	220-240V 50/60Hz
Lamp Type and Power	300W LED
Sampling Method: Test samples selected and supplied by client, no sampling method specified by client.	

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RESULTS

<u>CLAUSE</u>	<u>CLAUSE TITLE AND RESULT</u>
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9.	<u>RESISTANCE TO DUST AND MOISTURE</u>
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The luminaire was subjected to tests for ingress of dust and water in accordance with the requirements of BS EN 60598-1. Section 9. At the end of the test period the sample luminaire was examined with the following results:

9.2.2	<u>TEST FOR INGRESS OF DUST</u>
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When the luminaire was subjected to the test for ingress of dust, it was deemed to comply with the requirements for dust tight luminaires, i.e. ingress protection classification IP6X.

9.2.7	<u>TEST FOR INGRESS OF WATER</u>
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When the luminaire was subjected to the test for ingress of water, it was deemed to comply with the requirements for powerful water jet-proof luminaires, i.e. ingress protection classification IPX6.

Upon completion of the above test the luminaire was immediately subjected to the electric strength test specified in section 10.2.2 of the standard.

The luminaire is therefore deemed to comply with the requirements for ingress protection classification IP66.

NO OTHER TESTS WERE PERFORMED ON THIS SAMPLE.

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DEVIATION(S) FROM TEST STANDARD

No reported deviations from test standard.

ILLUSTRATION

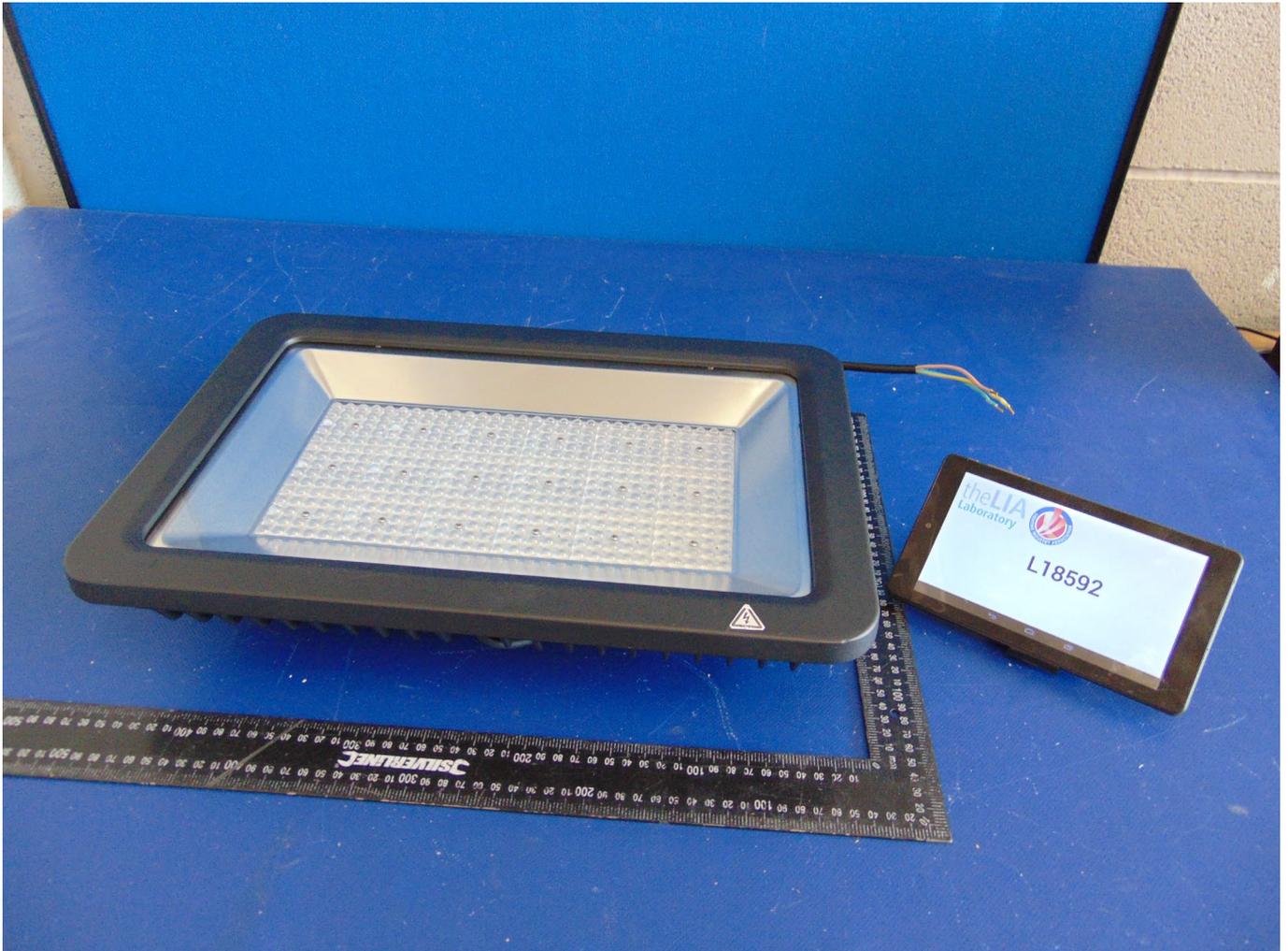


Figure 1. *Product image*

End