



Testing Agency - LUX-TSI Limited
Pencoed Technology Park, Pencoed, Bridgend, CF35 5AQ, UK
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Report Number
Test Item

SAF-19060A
TI-13353

Report Number (TRN)	SAF-19060A
Subcontract Report (if applicable)	L7909R1
Customer	Crompton Lamps
Contact	Steve Gourlay
Product Type	Floodlight LED (Floodlight 20W – 229mm x 201mm x34mm)
Test Purpose	IP Testing
Sales Order Ref	Q-LUX17-21467
Works Order Number	WO-9707
Test Item Reference	TI-13353
LAB Test Method Reference	TES-401000
Test Standards	EN60529: 1992 +A1 +A2. BS EN 60598-1:2015+A11 (Clause 9)
Lab Location Reference	Cranage
Approved by	J. Jones
Date of Test	24-04-2017
Reported by	Lisa May
Number of products tested	1

Address: Unit 1B,
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Bridgend, UK, CF35 5AQ

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Date: 24/04/2017

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SUMMARY TEST REPORT
BS EN 60598-1:2015 (Clause 9)
BS EN 60529:1992+A1+A2
Degree of protection provided by enclosures
(IP Code)



Report Reference No: L7909R1
 Compiled by (+ signature): M Luke
 Approved by (+ signature): J.Jones
 Date of issue: 24-04-2017

Handwritten signatures: M Luke and J.Jones

Testing Laboratory: Cranage EMC Testing
 Address: Stable Court, Oakley,
 Nr Market Drayton, Shropshire.
 TF9 4AG
 Testing location: As above
 Address: As above
 Procedure: UKAS

Applicant's name: Lux-TSI Limited
 Address: Unit 1B, Pencoed Technology Park, Pencoed, Bridgend,
 CF35 5AQ

Test specification:
 Standards: EN60529: 1992 +A1 +A2.
 BS EN 60598-1:2015+A11 (Clause 9)
 Test procedure: UKAS

Test Result: EUT **DOES** comply to test specification.

EUT description: LED Mini Floodlight
 Model: Atlas Mini 20W
 Trade Mark: N/A
 Manufacturer: Atlas

Rating: IP66

Date of receipt of test item 27/03/2017
 Date (s) of performance of tests 05/04/2017, 06/04/2017

Test Results summary

Test Procedure in accordance with clause 9 of BSEN60598-1 & EN60529: 1992 +A1 +A2

This report has been updated to L7909R1 on the 24-04-2017 & replaces previous edition L7909R.
 This report has been updated to include Photos of the IR detector and test results for Reinforced insulation test of the PIR enclosure.

Rating	Test Parameters	Pass Criteria	Result
IP6X	Dust Chamber with 2.2 kg of powder in, being circulated. Duration: 3 hours Temperature: 19.8°C Humidity: 42% Air Pressure: 1022 hPa	No dust ingress into enclosure	Pass
IPX6	Water flow rate: 100L/min, Nozzle size : IPx6 Duration: 3 minutes (360 degrees directional variation) Air temperature: 18.9°C Water temperature: 15.2°C Air Pressure: 1028hPa Humidity: 48%	Under the requirement of BSEN6598 clause 9.2, luminaries without drain holes shall have NO water entry & withstand the Electric strength test. Findings: Water not present in EUT.	Pass
	Electric Strength Test	Basic insulation @ 1500VAC Reinforced insulation of PIR Enclosure @ 3000VAC	Pass

Test Equipment

Asset Number	Description	Cal. date	Calibration due
AN452	Stopwatch, RS	03/10/14	03/10/19
AN821	Force Gauge	28/02/17	28/02/18
AN900	IPX6 equipment	14/07/2014	14/07/2017
AN1368	Water Flow Meter	Flow rate Verified using procedures	
AN305	Electric Strength Tester	30/08/16	30/08/17
AN1360	Thermometer	04/07/16	04/07/17
AN137	Thermocouple Reader	20/07/16	20/07/17
AN 1018	Dust Chamber	-	-
AN 1321	Verniers	2016-10-25	2017-10-25
AN 533	Torque Analyser	2016-08-02	2017-08-02
AN 534	Torque Driver	Verified with AN533	
AN 1003	Blue Barrel	-	-
AN 906	Petrol Water Pump	-	-
AN 1408	Water Supply Barrel	-	-

Photos

IP6X

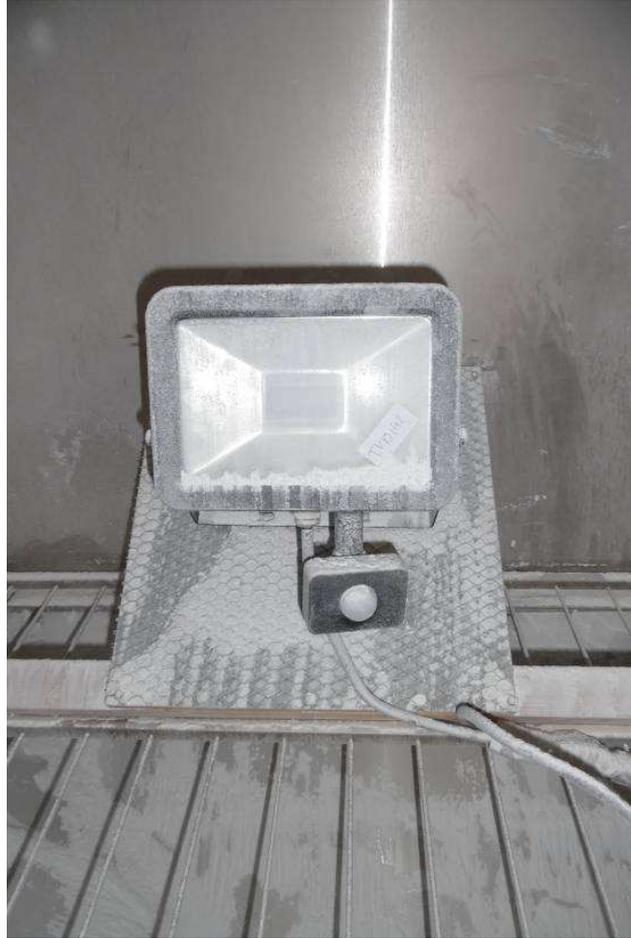
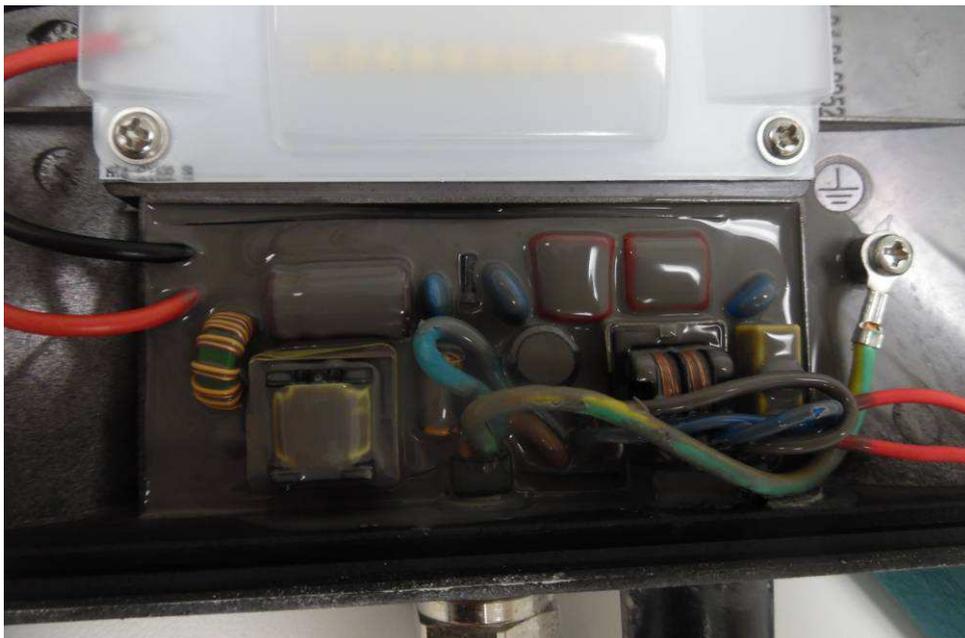
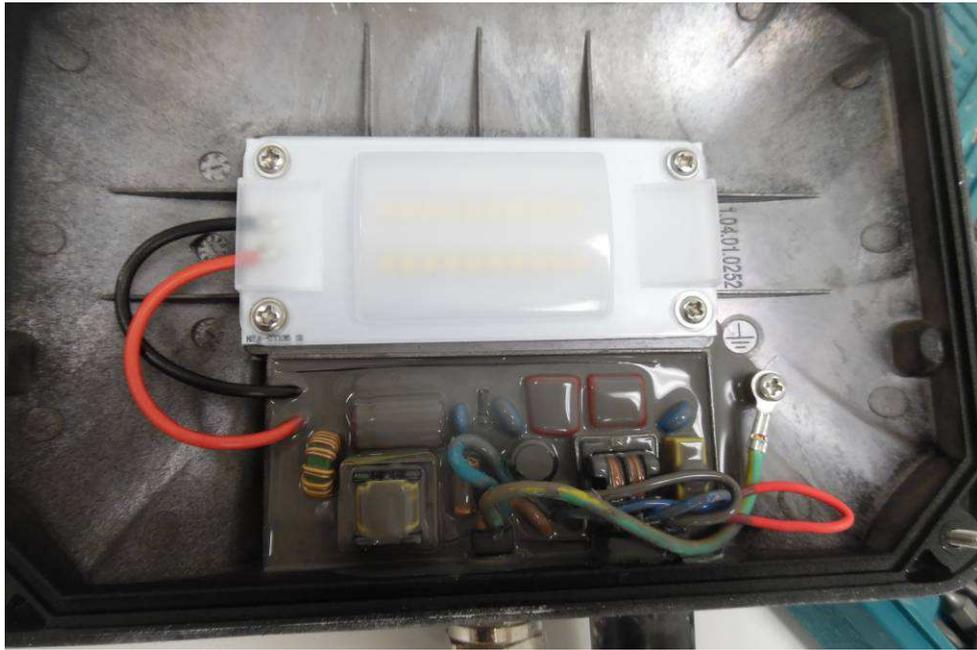


Photo showing no ingress of dust present



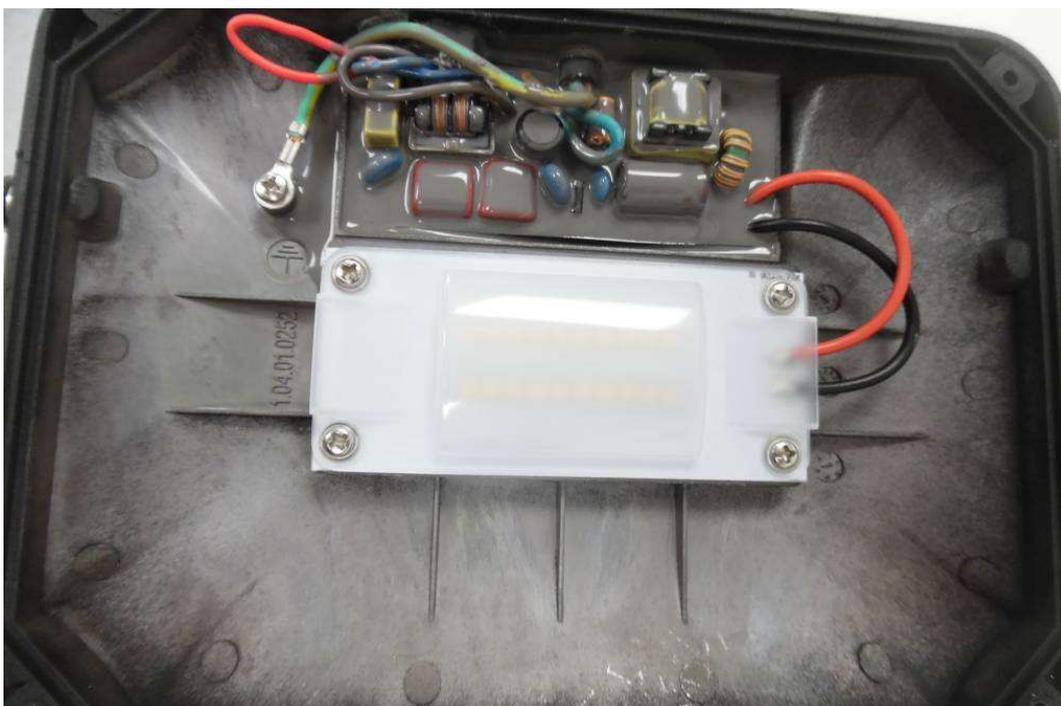


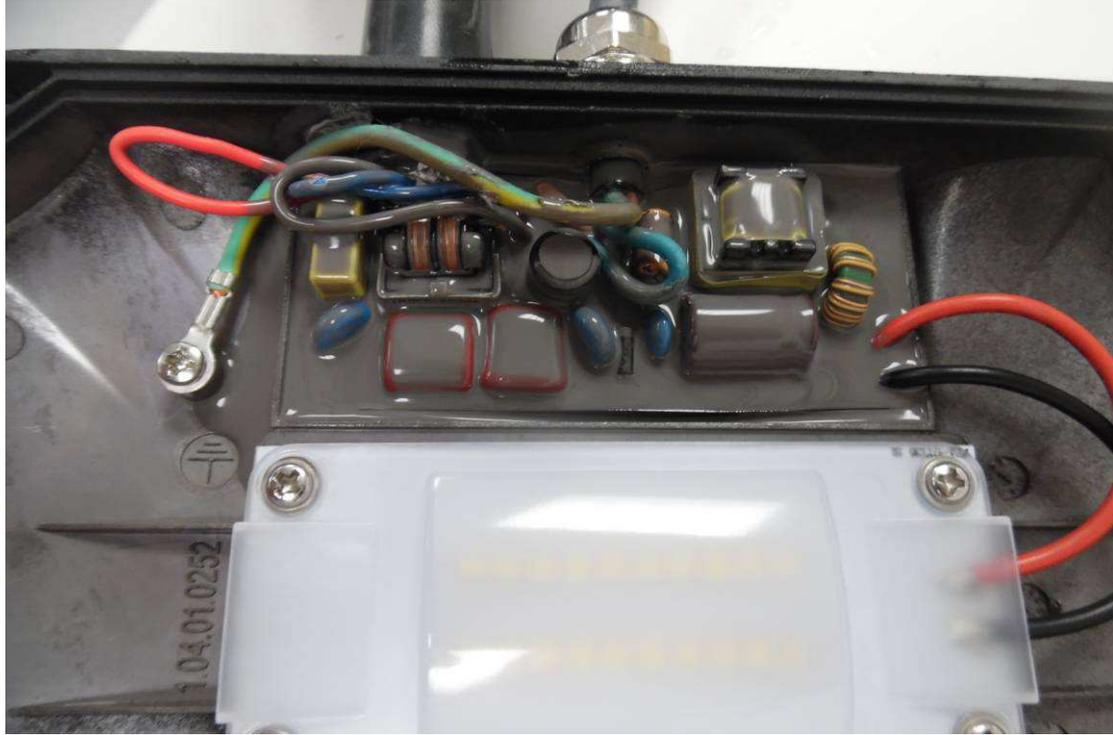
IPX6





Photos showing no ingress of water





PIR



End