



PARTIAL TEST REPORT
Luminaires
Luminaires for road and street lighting

Report Reference No.: 13CA40665-1
Date of issue.....: 31 July 2013
Total number of pages 10 including attachments

Applicant's name: ACRILUX S.P.A.
Address: S.S. 571 Km 10+983 – Recanati – 62019 (MC) - Italy

Test specification:

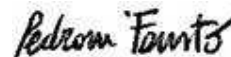
Standard: Test IK05 (0,7 J) according to IEC 62262:2002 has been considered.
Test procedure: Informative Test Report
Non-standard test method.....: N/A

Test item description: Luminaires for road and street lighting
Trade Mark: ACRILUX
Manufacturer: ACRILUX S.P.A.
S.S. 571 Km 10+983 – Recanati – 62019 (MC) - Italy
Model/Type reference: URBAN ARREDO (optical case in PMMA)
Ratings: 230 V 50 Hz; 150 W E 40 SE ; IP 66; Class II.

Testing Laboratory:

Testing location/ address: UL International Italia S.r.l.
Via XXV Aprile, 3/B – 20875 – Burago di Molgora (MI) - Italy

Tested by (name + signature): Fausto Pedroni



Approved by (+ signature): Walter Parmiani

**Tests performed :**

IK05 (0,7J) Test according to EN 62262:2002.

Testing location:

UL International Italia S.r.l.
Via XXV Aprile, 3/B
20875 Burago di Molgora (MB) Italy

The measurement uncertainties stated in this Test Report are estimated according to the Quality Procedure 23-LO-S0011, and the document 23-LO-W0002.

If requested, UL International Italia S.r.l., will be able to estimate the uncertainty contribution for all the quantities stated in this Test Report.

This report consists of:

Test results: 6 pages
PHOTOS (Annex 1): 4 pages

Test item particulars	
Classification of installation and use	Luminaire suitable for directly mounting on normally flammable surface.
Supply Connection	Connector
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)
Testing	
Date of receipt of test item	19 July 2013
Date (s) of performance of tests.....	19-31 July 2013
General remarks:	
<p>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. Throughout this report a comma is used as the decimal separator.</p> <p>The luminaire has been evaluated also in accordance with the following standards:</p> <p>Only Test IK05 (0,7 J) according to EN 62262:2002.</p>	
General product information:	
<p>Luminaires for road and street lighting provided with sodium lamp E40 150 W SE and magnetic ballast. Luminaire provided with optical case in plastic material (PMMA).</p> <p>Rated Voltage: 230 V Rated frequency: 50 Hz Installation: Pole</p>	

Model	URBAN ARREDO (E40 150 W SE)		
Object/part No. Code	Manufacturer/ trademark	Type/model	Mark(s) of conformity
Magnetic ballast	TCI	P150 HI/HS TAB	ENEC
Ignitor	BAG	NI 400 LE 4K	ENEC
Lamp	OSRAM	VIALOX NAV 150 W E40 SUPER 4Y	-

IK TEST		
according EN 62262 (Degrees of protection provided by enclosure for electrical equipment against external mechanical impacts(IK code)		
		—
- Classification according to IK code	IK05	—
- Impact Energy (J)	0,7	—
- Material apparatus	Polyamide	—
- number of impacts	5	—
- Apparatus	Spring hammer	—
- ambient temperature (°C)	25,3	—
- Test evaluation.....	After the test, the enclosure of the luminaire, continue to maintain the same safety level against the entrance of dust and water. Test with positive result.	P

EQUIPMENT LIST

UL Ref.	Type	Manufacturer	Model	Calibration mm/yy		Norm(s) Clauses
				Last date	Due date	
- A 501	Spring hammer	P.T.L.	F22.50	08/02/2013	08/02/2015	IK05 (0,7J) Test
- BUR VS 0014	Tape Meter	Beta	1691BG	31/07/2012	31/07/2015	IK05 (0,7J) Test

ANNEX 1 | **PHOTOS**

Photograph No. 1 Luminaire under Test.



Photograph No. 2 Luminaire under Test.



ANNEX 1 | **PHOTOS**

Photograph No. 3 Luminaire before IK05 (0,7J) Test.



Photograph No. 4 Luminaire after IK05 (0,7J) Test.

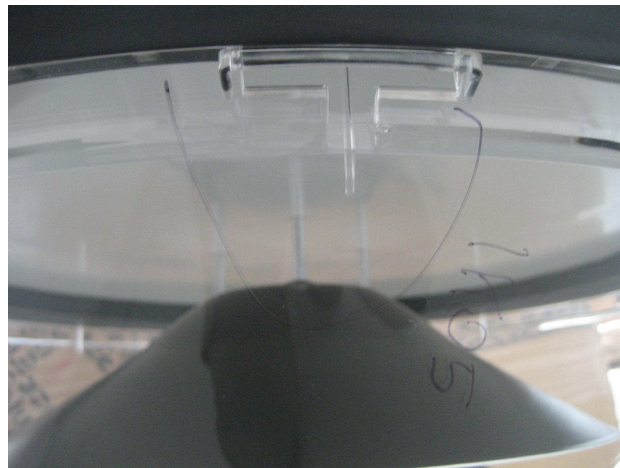


ANNEX 1 | **PHOTOS**

Photograph No. 5 Luminaire after IK05 (0,7J) Test.



Photograph No. 6 Luminaire after IK05 (0,7J) Test.



ANNEX 1 | **PHOTOS**

Photograph No. 7 Luminaire after IK05 (0,7J) Test.

