

Report Reference No.: ACX 030/308-10





IK DEGREE

TEST REPORT

For ACRILUX srl

Model No.: MINI URBAN head pole

Applicant: ACRILUX Srl

SP 571 km 10+983 62019 Recanati (MC)

Manufacturer: ACRILUX Srl

SP 571 km 10+983 62019 Recanati (MC)

Issued by: First Group sas

vie Tiepolo, 18

31021 Mogliano V.to, Treviso, Italy

tel.: +39 041 5958887 mail: info@firstgroup.it

 Report number:
 ACX 030/308-10

 Issued Date:
 June 03 , 2021

 Date(s) of Tests:
 June 03 , 2021

Note

The test data and result is based on the tested sample only.

This report shall not be reproduced, except in full, without the written approval of the Issuing Testing Laboratory. The authenticity of this Test Report and its contents can be verified by contacting the Issuing Testing Laboratory responsible for this Test Report.



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Date of issue: June 03, 2021

Total number of pages: 5

Name of Testing Laboratory

First Group sas - Mogliano V.to - Treviso - Italy

Applicant's name: ACRILUX Srl

Address: SP 571 km 10+983

62019 Recanati (MC)

Test specification

Standard: IEC 62262-2002

Non standard test method: N/A

Trade Mark: ACRILUX Srl

Model/Type designation: MINI URBAN

Test Item Description: plastic enclosure

TEST RESULT IK10 (only for PA6+PC) IK06 (only for PA6+PMMA)

Marking:

In cases where the relevant product committee decides that the marking of the IK-code shall be required, the marking requirements shall be detailed in the relevant product standard.

Where appropriate, such a standard should also specify the method of marking

Where appropriate, such a standard should also specify the method of marking which is to be used when

- one part of an enclosure has a different degree of protection to that of

another part of the same enclosure,

– the mounting position has an influence on the degree of protection.

Possible test verdict

N/A test case does not apply to the test object P (pass) test object does meet the requirement F (fail) test object does not meet the requirement

Tested by: Valter Benetton

Date: June 03, 2021

Reviewed and approved by: Giorgio Lovisetto

Date: June 03, 2021

General remarks:

This report includes the following parts:

_ IEC 62262 impact test, table 1 according.

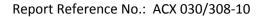
Annex 1: Photo Documentation

Annex 2: reference table IEC 62262

The test result presented in this report relate only to the object tested.

This report shall not be reproduced exept in full without the written approval of the testing laboratory.

Unless otherwise specified, test are made under normal conditions at an ambient temperature within the range of 15°c to 35°C, RH 45% to 75% and an air pressure of 860mbar to 1060mbar.





ANNEX 9 IK TEST

Model/Type designation:MINI URBAN-Test Item Description:enclosure materials:-

_black plastic PA6 -_trasparent plastic PC -

TEST RESULT IK10

IMPACT TEST table 1 according							
Not protected	IK00	N/A					
Impact energy 0,14J	IK01	N/A					
Impact energy 0,2J	IK02	N/A					
Impact energy 0,35J	IK03	N/A					
Impact energy 0,5J	IK04	N/A					
Impact energy 0,7J	IK05	N/A					
Impact energy 1J	IK06	N/A					
Impact energy 2J	IK07	N/A					
Impact energy 5J	IK08	N/A					
Impact energy 10J	IK09	N/A					
Impact energy 20J	IK10: PA6 and PC	Р					
	Not protected Impact energy 0,14J Impact energy 0,2J Impact energy 0,35J Impact energy 0,5J Impact energy 0,7J Impact energy 1J Impact energy 2J Impact energy 5J Impact energy 10J	Not protected IK00 Impact energy 0,14J IK01 Impact energy 0,2J IK02 Impact energy 0,35J IK03 Impact energy 0,5J IK04 Impact energy 0,7J IK05 Impact energy 1J IK06 Impact energy 2J IK07 Impact energy 5J IK08 Impact energy 10J IK08					

TEST RESULT, CONSIDERATION

end

PHOTO DOCUMENTATION







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MINI URBAN Model/Type designation: enclosure materials: **Test Item Description:** _black plastic PA6 _trasparent plastic PMMA

TEST RESULT IK06

	IMPACT TEST table 1 according							
4.2	Not protected	IK00	N/A					
	Impact energy 0,14J	IK01	N/A					
	Impact energy 0,2J	IK02	N/A					
	Impact energy 0,35J	IK03	N/A					
	Impact energy 0,5J	IK04	N/A					
	Impact energy 0,7J	IK05	N/A					
	Impact energy 1J	IK06: PMMA	Р					
	Impact energy 2J	IK07	N/A					
	Impact energy 5J	IK08	N/A					
	Impact energy 10J	IK09	N/A					
	Impact energy 20J	IK10: PA6	Р					

TEST RESULT, CONSIDERATION

end

PHOTO DOCUMENTATION







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ANNEX 2 IEC 62262 REFERENCES

Table 1 Relation between IK code and impact energy

IK code	IK00	IK01	IK02	IK03	IK04	IK05	IK06	IK07	IK08	IK09	IK10
Impact Energy, J	*	0,14	0,2	0,35	0,5	0,7	1	2	5	10	20

* Not protected according to this standard

NOTE 1 When higher impact energy is required, the value of 50 J is recommended.

NOTE 2 A characteristic group numeral of two figures has been chosen to avoid confusion with some national

standards which used a single numeral for a specific impact energy.