



IK DEGREE TEST REPORT

For
ACRILUX srl

Model No.: ATON 40 HEAD POLE

Applicant: ACRILUX Srl
SP 571 km 10+983
62019 Recanati (MC)

Manufacturer: ACRILUX Srl
SP 571 km 10+983
62019 Recanati (MC)

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Report number: ACX 025/308-10
Issued Date: June 18, 2020
Date of Report: June 18, 2020

Note

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

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Report number:	ACX 025/308-10
Date of issue:	June 18, 2020
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:	ATON
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 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 18, 2020
Reviewed and approved by:	Giorgio Lovisetto 
Date:	June 18, 2020
General remarks:	
<p>This report includes the following parts:</p> <ul style="list-style-type: none"> _ IEC 62262 impact test, table 1 according. _ Annex 1: Photo Documentation _ Annex 2: reference table IEC 62262 <p>The test result presented in this report relate only to the object tested.</p> <p>This report shall not be reproduced except in full without the written approval of the testing laboratory.</p> <p>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.</p>	

IEC 62262: 2002

Model/Type designation:	ATON xx	-
Test Item Description:	enclosure materials:	-
	_black plastic PA6	-
	_trasparent plastic PC	-
TEST RESULT	IK10	-

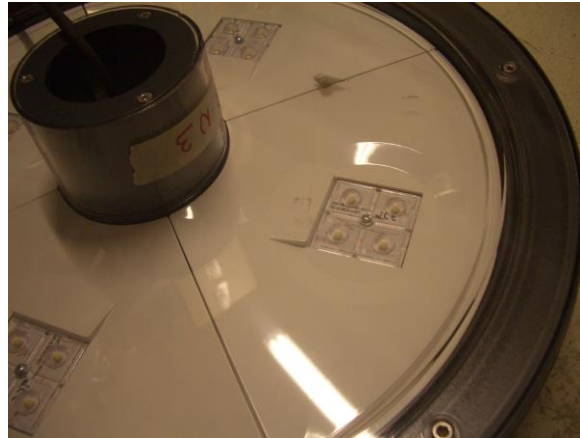
IMPACT TEST table 1 according

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	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	P

TEST RESULT, CONSIDERATION

end

ANNEX 1 PHOTO DOCUMENTATION



Model/Type designation:	ATON xx	-
Test Item Description:	enclosure materials:	-
	_black plastic PA6	-
	_trasparent plastic PMMA	-
TEST RESULT	IK06	-

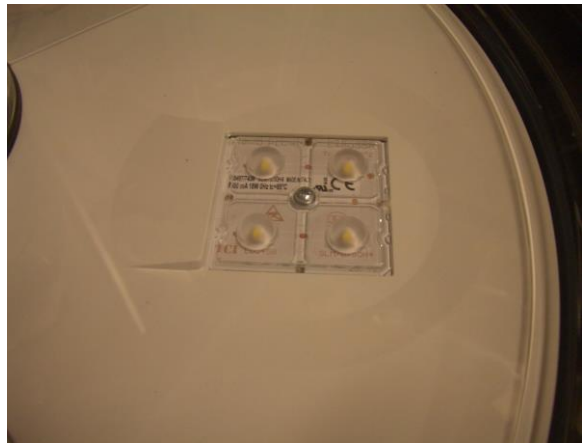
IMPACT TEST table 1 according

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	P
	Impact energy 2J	IK07	N/A
	Impact energy 5J	IK08	N/A
	Impact energy 10J	IK09	N/A
	Impact energy 20J	IK10: PA6	P

TEST RESULT, CONSIDERATION

end

ANNEX 1 PHOTO DOCUMENTATION



ANNEX 2	IEC 62262 REFERENCES
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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.