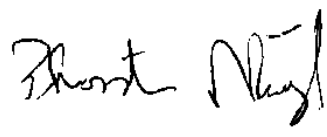





<p>PARTIAL TEST REPORT</p> <p>TEST REPORT</p> <p>IEC 62262</p> <p>Degree of protection provided</p> <p>by enclosures for electrical equipment</p> <p>against external mechanical impacts (IK code)</p>	
Report Number.	4787988835.3
Date of issue	2017-07-10
Total number of pages	8 including attachment
Name of Testing Laboratory preparing the Report	UL International Italia S.r.l. – Burago
Applicant's name	LEDsON Sp.zoo Sp.K
Address	ul. Przemyslowa 3 Blizne Laszczynskiego, 05-082 PL
Test specification:	
Standard	Only IK Test IK 10 (20 J) according to IEC 62262:2002 and IEC/TR 62696:2011
Test procedure	Informative Test Report
Non-standard test method	N/A
Test item description	Ground recessed low voltage luminaire
Trade Mark	-
Manufacturer	Same as Applicant
Model/Type reference	DRIVEWAY
Ratings	24 V d.c., 9.2 W, 800 lm, 4000 K, IP68

Testing Laboratory :		
<input checked="" type="checkbox"/>	Testing Laboratory:	UL International Germany GmbH
Testing location/ address		Admiral-Rosendahl-Strasse 23 63263 Neu-Isenburg (Zeppelinheim) – Germany
Tested by (name, function, signature)		Thorsten Nägler 
Approved by (name, function, signature) ..		Fausto Pedroni 

List of Attachments (including a total number of pages in each attachment):	
This report consists of:	
Test results	(Report) : 6 pages
Photos	(Annex 1): 2 pages
Summary of testing:	
Tests performed (test clause, name of test and results):	
Only IK 10 Test (20 J) according:	
IEC 62262(2002): Degree of protection provided by enclosures for electrical equipment against external mechanical impacts (IK code).	
EN 62262(2002): Degree of protection provided by enclosures for electrical equipment against external mechanical impacts (IK code).	
IEC/TR 62696(2011): Technical Report – Luminaires- Application of the IK code IEC 62262.	
TEST RESULTS WERE FAVOURABLE	
The measurement uncertainties stated in this Test Report are estimated according to the Quality Procedure 00-LC-S0278. If requested, UL International Germany GmbH., will be able to estimate the uncertainty contribution for all the quantities stated in this Test Report	

Copy of marking plate:



Test item particulars:	
Classification of installation and use:	LED luminaire for ground recessed mounting
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	2017-05-22
Date (s) of performance of tests	2017-07-10
.....:	
General remarks:	
"(See Enclosure #)" refers to additional information appended to the report. "(See appended table)" refers to a table appended to the report.	
Throughout this report a <input type="checkbox"/> comma / <input checked="" type="checkbox"/> point is used as the decimal separator.	
Name and address of factory (ies)	
Same as Applicant	
General product information:	
LED luminaire for ground recessed mounting, made of aluminium housing with overall dimensions of (length x wide x height) 101.5 mm x 66 mm x 72 mm. The diffuser is made of a potting material that encloses the LEDs. The luminaire must be supplied by an external LED Driver that is not part of this test.	

IEC 62262			
Clause	Requirement + Test	Result - Remark	Verdict

IK TEST Degrees of protection provided by enclosure for electrical equipment against external mechanical impacts (IK code)			—
	- Classification according to IK code..... :	IK10	—
	- Impact Energy (J)	20	—
	- Impact test equipment	Vertical hammer	—
	- Number sample tested..... :	1	—
	- Condition for test sample mounting	Floor Mounted	—
	- Parts tested..... :	Metal enclosure Optical enclosure of polymeric potting	—
	- Number of impact	5 on Enclosure (topside) 5 on polymeric potting	—
	- Ambient temperature (°C)..... :	23.7	—
	- Precondition		N/A
	- Test evaluation	After the test, there was no damage, no deformation, no access to live parts.	P

Annex 1

Photos

Photo 1 Product overview top view

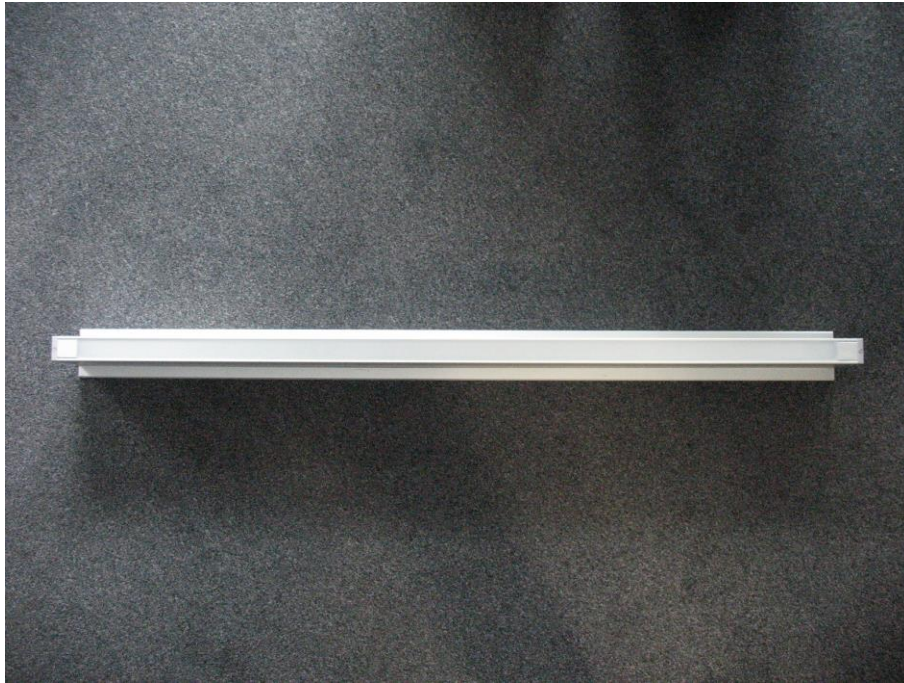


Photo 2 Product overview side view



Annex 1

Photos

Photograph No. 3 Product overview (after IK Test)

