




TEST REPORT IEC 60335-1 Safety of household and similar electrical appliances	
Report Number.....: R-121 ELDO 2020 Date of issue.....: 25/11/2020 Total number of pages.....: 90 + 13 + 2	 <small>Check validity and authenticity of this report on pro-lab.it web site</small>
Name of Testing Laboratory preparing the Report.....:	Prolab Service Srl Via G.Ratti, 82/84 – 20855 Lesmo (MB)
Applicant's name.....: Address.....:	LUTEC s.r.l. Via Monsignor Colombo, 34 21053 Castellanza (VA) - Italy
Test specification: Standard.....: IEC 60335-1:2010, COR1:2010, COR2:2011, AMD1:2013, COR1:2014, AMD2:2016, COR1:2016 Test procedure.....: See general remarks Non-standard test method.....: N/A	
Test Report Form No.....: IEC60335_1X Test Report Form(s) Originator.....: Nemko AS Master TRF.....: Dated 2016-10	
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Test item description	Control electronic circuit for automatic gate	
Trade Mark		
Manufacturer.....	LUTEC S.r.l. a Socio Unico – Via Monsignor Colombo, 34 21053 Castellanza (VA) – Italy	
Model/Type reference	FL12/24/230V LED	
Ratings	230 V; 50/60 Hz; 600 mA; Max motor power 750 W; Ta:- 20°C+55°C	
Responsible Testing Laboratory (as applicable), testing procedure and testing location(s):		
<input checked="" type="checkbox"/> Testing Laboratory:	Prolab service srl	
Testing location/ address	Via Ratti 82/84 20855 Lesmo (Monza & Brianza) - Italy	
Tested by (name, function, signature).....	Alberto Mason PROJECT MANAGER	
Approved by (name, function, signature)...	Luca Diani LAB MANAGER	
Testing procedure: CTF Stage 1:		
Testing location/ address.....		
Tested by (name, function, signature).....		
Approved by (name, function, signature):		
Testing procedure: CTF Stage 2:		
Testing location/ address.....		
Tested by (name + signature).....		
Witnessed by (name, function, signature):		
Approved by (name, function, signature):		
Testing procedure: CTF Stage 3:		
Testing procedure: CTF Stage 4:		
Testing location/ address.....		
Tested by (name, function, signature).....		
Witnessed by (name, function, signature):		
Approved by (name, function, signature):		
Supervised by (name, function, signature):		

<p>List of Attachments (including a total number of pages in each attachment):</p> <p>Attachment 1: European Group Differences and National Differences (XX pages)</p> <p>Attachment 2: Pictures of the appliance (2 pages)</p>	
<p>Summary of testing:</p>	
<p>Tests performed (name of test and test clause):</p> <p>Clause 7: marking and instruction</p> <p>Clause 10: power input and current</p> <p>Clause 11: heating</p> <p>Clause 13: leakage current and electric strength at operating temperature</p> <p>Clause 15: moisture resistance</p> <p>Clause 16: leakage current and electric strength</p> <p>Clause 17: overload protection of transformers</p> <p>Clause 19: abnormal operating</p> <p>Clause 24: components</p> <p>Clause 25: supply connection and external flexible cords</p> <p>Clause 26: Terminals for external conductors</p> <p>Clause 28: screws and connections</p> <p>Clause 29: clearances, creepage distances and solid insulation</p> <p>Clause 30: resistance to heat, fire and tracking</p>	<p>Testing location:</p> <p>PROLAB SERVICE S.r.l.</p> <p>Via Ratti, 82/84</p> <p>20855 Lesmo</p> <p>Monza e Brianza – Italy</p>
<p>Summary of compliance with National Differences (List of countries addressed):</p> <p>European Group Differences and National Differences</p> <p><input checked="" type="checkbox"/> The product fulfils the requirements of EN 60335-1:2012 + AC:2014 + A11:2014 + A13:2017 + A1:2019 + A14:2019 + A2: 2019 and EN 62233:2008</p>	