



CC 711930

Date: 22 March 2022

CERTIFICATE OF COMPLIANCE

This certificate of compliance validates the following			
TEST REPORT NUMBER 'Assessment Reports' are not acceptable	3081280 3081252 3081281 3081258	CERTIFICATE NUMBER	KM 711924
DATE OF ISSUE	All issued 10 th March 2022	DATE OF ISSUE	17 March 2022
DATE OF EXPIRY	Test reports have no expiry	DATE OF EXPIRY	16 March 2025
Manufacturer details			
NAME OF FACTORY / MANUFACTURER	ElectroZemper SA	NAME OF THE BRAND	Zemper
FACTORY ADDRESS / REGION (STREET / TOWN / CITY / COUNTRY)	Av. De la Ciencia, s/n Cuidad Real 13005 Spain	MODEL / NO	Spazio Luz Spazio Plus Spazio R Spazio Q Kons Diana
WEBSITE	https://zemper.com/en/	LOGO ON THE PRODUCT	
TEL	+34 926 271 837	EMAIL	resp.cal@zemper.es





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Product Details From Test Report		Reference Test Report page NO
DESCRIPTION OF THE PRODUCT (TECHNICAL DETAILS FROM TEST REPORT, SUCH AS ACTUAL FIRE RATINGS/DIMENSIONS/THICKNESS/ SENSITIVITY ETC)	<p>Spazio Luz range of emergency luminaires Surface mounted, maintained, Self-Contained Emergency luminaire. 230 V AC, 50 Hz, Class II, IP 20</p> <p>Spazio Plus range of emergency luminaires Surface mounted, maintained, Self-Contained Emergency luminaire. 230 V AC, 50 Hz, Class II, IP 20</p> <p>Spazio R range of emergency luminaires Recessed, maintained, Self-Contained Emergency luminaires. 230 V AC, 50 Hz, Class II, IP 40</p> <p>Spazio Q range of emergency luminaires Recessed, maintained, Self-Contained Emergency luminaires. 230 V AC, 50 Hz, Class II, IP 40</p> <p>Kons range of emergency exit signs Surface mounted, maintained, Self-Contained Emergency Exit Sign. 230 V AC, 50 Hz, Class II, IP42</p> <p>Diana Flat range of emergency luminaires Surface mounted, maintained, Self-Contained Emergency luminaire. 230 V AC, 50 Hz, Class II, IP 20</p> <p>See full breakdown in Appendix 1 of this document</p>	<p>Page 7 of all reports</p>
TEST STANDARD (SUCH AS ASTM/BS EN/ DN ETC)	<p>BS EN 60598-2-22:2014 and BS EN 60598-1:2014+A1:2018</p>	<p>Page 1</p>
TEST DESCRIPTION	<p>Electrical Safety Tests</p> <ul style="list-style-type: none"> • Classification of luminaires <ul style="list-style-type: none"> ▪ Classification according to type of luminaire shall be determined. • Marking and instructions of luminaires <ul style="list-style-type: none"> ▪ Required markings and instruction information to be included • Construction requirements for luminaires • Creepage distances and clearances <ul style="list-style-type: none"> ▪ Minimum distances for basic, supplementary and reinforced insulation 	





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TEST DESCRIPTION	<ul style="list-style-type: none"> • Provision of earthing • Terminals • External and Internal Wiring <ul style="list-style-type: none"> ▪ Requirements for wiring external to luminaire ▪ Requirements for wiring internal to luminaire • Protection against electric shock • Endurance test and thermal test <ul style="list-style-type: none"> ▪ Self-contained luminaires tested for 390hours clydic tests (30hrs normal operation, 6hrs emergency operation at elevated temperatures of $T_{max} + 10^{\circ}C$. Centrally supplied (240hrs). ▪ Luminaire operates satisfactorily for 50 operations following endurance test. • Resistance to dust and moisture <ul style="list-style-type: none"> ▪ Dependent on IP rating of product and tested as rated • Insulation resistance and electric strength • Resistance to heat, fire and tracking <p>Performance tests</p> <ul style="list-style-type: none"> • Photometric Data <ul style="list-style-type: none"> ▪ Intensity distribution data at least 50% of declared level after 5s and 100% after 60s until the full rated 3hr duration is complete ▪ Colour rendering index of light source of $R_a > 40$ ▪ Luminance uniformity of safety signs • Changeover operation <ul style="list-style-type: none"> ▪ Change over from normal operation to mains failure mode ▪ After 500 cycles the luminaire shall switch to emergency mode between 0.6x rated voltage and 0.85x rated voltage • High Temperature operation <ul style="list-style-type: none"> ▪ Satisfactory operation on luminaires at an elevated temperature of $70^{\circ}C$ • Battery chargers for self-contained emergency luminaires <ul style="list-style-type: none"> ▪ Battery charging operates at the following criteria: Minimum and maximum temperature range 0.9 times and 1.06 times rated operating voltage. • Test devices for emergency operation <ul style="list-style-type: none"> ▪ Self-contained luminaires provided with a test device. 	
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SPECIFICATION OF TEST SPECIMEN	LDF-9250LDP3W LSQ-3170LXP3 LKS 3070LDP3W LSP-3171LDP3W	Pages 1 and 4
TEST RESULT	Passed all requirements	Page 1
PRODUCT APPLICATION GUIDELINE (END USE) (CLEARLY STATE THE END USE WITH SPECIFIC APPLICATION, SUCH AS EXACT FIRE RATING/TO BE INSTALLED IN ___/TO BE INSTALLED AT ___/TO BE CONNECTED WITH ___/TO BE INSTALLED WITH ___ ETC ALONG WITH ANY WARNINGS SUCH AS NOT TO BE USED IN ___/NOT TO BE INSTALLED AT ___/ NOT TO BE INSTALLED WITH ___ ETC.	This section of IEC 60598-2 specifies requirements for emergency lighting luminaires for use with electrical light sources on emergency power supplies not exceeding 1 000 V. Full user instructions are supplied with each individual luminaire which provides the end user with the relevant information. Luminaire applications: - Office buildings - Residential buildings - Communication centers - Shopping malls / markets - Hotels - Sport and recreation centers - Educational buildings - Health care buildings - Culture center buildings - Warehouses / factories	N/A







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Laboratory and Certification body details			
NAME OF CERTIFICATION BODY	BSI Assurance UK Limited bsi.	NAME OF TEST FACILITY	BSI Assurance UK Limited bsi.
CERTIFICATION BODY ADDRESS / REGION <small>(STREET / TOWN / CITY / COUNTRY)</small>	BSI Group, Kitemark Court, Davy Avenue, Knowlhill, Milton Keynes, MK5 8PP, United Kingdom	TEST FACILITY ADDRESS / REGION <small>(STREET / TOWN / CITY / COUNTRY)</small>	BSI Group, Holywell Park, Ashby Road, Loughborough, LE11 3AQ, United Kingdom
WEBSITE	www.bsigroup.com	WEBSITE	www.bsigroup.com
TEL	+44 (0) 845 0809000	TEL	+44 (0) 845 0809000
EMAIL	product.certification@bsigroup.com	EMAIL	product.certification@bsigroup.com
ACCREDITED BY <small>(NAME OF ACCREDITATION BODY WHICH ISSUED ACCREDITATION TO THE CERTIFICATION BODY, ALONG WITH WEBSITE)</small>	UKAS 21-47 High Street Feltham Middlesex TW13 4UN www.ukas.com	ACCREDITED BY <small>(NAME OF ACCREDITATION BODY WHICH ISSUED ACCREDITATION TO THE LABORATORY, ALONG WITH WEBSITE)</small>	UKAS 21-47 High Street Feltham Middlesex TW13 4UN www.ukas.com
AS PER <small>(STANDARD TO WHICH THE CERTIFICATION BODY IS ACCREDITED TO)</small>	ISO 17065:2012	AS PER <small>(STANDARD TO WHICH YOUR ORGANIZATION IS ACCREDITED TO)</small>	ISO 17025:2017
VALIDITY <small>(EXPIRY DATE OF CERTIFICATION BODY ACCREDITATION)</small>	Not applicable (no expiry date for UKAS accreditation)	VALIDITY <small>(EXPIRY DATE OF LABORATORY ACCREDITATION)</small>	Not applicable (no expiry date for UKAS accreditation)
REFERENCE NUMBER: <small>(CERTIFICATION BODY ACCREDITATION REFERENCE NUMBER TO VERIFY ON THE ACCREDITOR'S WEBSITE)</small>	0003	REFERENCE NUMBER: <small>(THE LABORATORY ACCREDITATION REFERENCE NUMBER TO VERIFY ON THE ACCREDITOR'S WEBSITE)</small>	0135
CERTIFICATION MARK	 BSI Kitemark		





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(ENDORSEMENT) TO BE SIGNED BY MANUFACTURER			
NAME OF MANUFACTURER'S SIGNATORY	Jesús Fernández Mendoza	SIGNATURE	
EMAIL / TEL	resp.cal@zemper.es / +34926271837	FACTORY OFFICIAL SEAL	
NOTES: I Undertake that all data and information provided are genuine and accurate			

(ENDORSEMENT) TO BE SIGNED BY CERTIFICATION BODY			
NAME OF CERTIFICATION BODY SIGNATORY	Holly Rossington	SIGNATURE (confirmed correct at date of issue)	
EMAIL / TEL	Holly.rossington@bsigroup.com T: +44 1908 814664	CERTIFICATION BODY OFFICIAL SEAL	
NOTES: I Undertake that all data and information provided are genuine and accurate			



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APPENDIX 1

Spazio Luz range of emergency luminaires

Model name	Description	Mode	Ratings
LUZ4150LXP3	Surface mounted, Self-Contained Emergency luminaire	Maintained	230 V AC, 50 Hz, Class II, IP 20
LUZ4150LDP3W	Surface mounted, Self-Contained Emergency luminaire	Maintained	230 V AC, 50 Hz, Class II, IP 20
LUZ3150LXP3	Surface mounted, Self-Contained Emergency luminaire	Maintained	230 V AC, 50 Hz, Class II, IP 20
LUZ3150LDP3W	Surface mounted, Self-Contained Emergency luminaire	Maintained	230 V AC, 50 Hz, Class II, IP 20

Spazio Plus range of emergency luminaires

Model name	Description	Mode	Ratings
LSM3170LXP3	Surface mounted, Self-Contained Emergency luminaire	Maintained	230 V AC, 50 Hz, Class II, IP 20
LSM3170LDP3W	Surface mounted, Self-Contained Emergency luminaire	Maintained	230 V AC, 50 Hz, Class II, IP 20
LSM3171LXP3	Surface mounted, Self-Contained Emergency luminaire	Maintained	230 V AC, 50 Hz, Class II, IP 20
LSM3171LDP3W	Surface mounted, Self-Contained Emergency luminaire	Maintained	230 V AC, 50 Hz, Class II, IP 20
LSM3172LXP3	Surface mounted, Self-Contained Emergency luminaire	Maintained	230 V AC, 50 Hz, Class II, IP 20
LSM3172LDP3W	Surface mounted, Self-Contained Emergency luminaire	Maintained	230 V AC, 50 Hz, Class II, IP 20





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Spazio Plus range of emergency luminaires

Model name	Description	Mode	Ratings
LSP3170LXP3	Surface mounted, Self-Contained Emergency luminaire	Maintained	230 V AC, 50 Hz, Class II, IP 20
LSP3170LDP3W	Surface mounted, Self-Contained Emergency luminaire	Maintained	230 V AC, 50 Hz, Class II, IP 20
LSP3171LXP3	Surface mounted, Self-Contained Emergency luminaire	Maintained	230 V AC, 50 Hz, Class II, IP 20
LSP3171LDP3W	Surface mounted, Self-Contained Emergency luminaire	Maintained	230 V AC, 50 Hz, Class II, IP 20
LSP3172LXP3	Surface mounted, Self-Contained Emergency luminaire	Maintained	230 V AC, 50 Hz, Class II, IP 20
LSP3172LDP3W	Surface mounted, Self-Contained Emergency luminaire	Maintained	230 V AC, 50 Hz, Class II, IP 20
LSP3175LXP3	Surface mounted, Self-Contained Emergency luminaire	Maintained	230 V AC, 50 Hz, Class II, IP 20





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Spazio R range of emergency luminaires

Model name	Description	Mode	Ratings
LSR3170LXP3	Recessed, Self-Contained Emergency luminaires	Maintained	230 V AC, 50 Hz, Class II, IP 40
LSR5170LDP3W	Recessed, Self-Contained Emergency luminaires	Maintained	230 V AC, 50 Hz, Class II, IP 40
LSR5171LXP3	Recessed, Self-Contained Emergency luminaires	Maintained	230 V AC, 50 Hz, Class II, IP 40
LSR5171LDP3W	Recessed, Self-Contained Emergency luminaires	Maintained	230 V AC, 50 Hz, Class II, IP 40
LSR3171LXP3	Recessed, Self-Contained Emergency luminaires	Maintained	230 V AC, 50 Hz, Class II, IP 40
LSR3171LDP3W	Recessed, Self-Contained Emergency luminaires	Maintained	230 V AC, 50 Hz, Class II, IP 40
LSR3170LDP3W	Recessed, Self-Contained Emergency luminaires	Maintained	230 V AC, 50 Hz, Class II, IP 40
LSR5170LXP3	Recessed, Self-Contained Emergency luminaires	Maintained	230 V AC, 50 Hz, Class II, IP 40





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Spazio Q range of emergency luminaires

Model name	Description	Mode	Ratings
LSQ5170LXP3	Recessed, Self-Contained Emergency luminaires	Maintained	230 V AC, 50 Hz, Class II, IP 40
LSQ5170LDP3W	Recessed, Self-Contained Emergency luminaires	Maintained	230 V AC, 50 Hz, Class II, IP 40
LSQ5171LXP3	Recessed, Self-Contained Emergency luminaires	Maintained	230 V AC, 50 Hz, Class II, IP 40
LSQ5171LDP3W	Recessed, Self-Contained Emergency luminaires	Maintained	230 V AC, 50 Hz, Class II, IP 40
LSQ3170LXP3	Recessed, Self-Contained Emergency luminaires	Maintained	230 V AC, 50 Hz, Class II, IP 40
LSQ3170LDP3W	Recessed, Self-Contained Emergency luminaires	Maintained	230 V AC, 50 Hz, Class II, IP 40
LSQ3171LDP3W	Recessed, Self-Contained Emergency luminaires	Maintained	230 V AC, 50 Hz, Class II, IP 40
LSQ3171LDP3W	Recessed, Self-Contained Emergency luminaires	Maintained	230 V AC, 50 Hz, Class II, IP 40

Kons range of emergency exit signs

Model name	Description	Mode	Ratings
LKS3070LXP3	Surface mounted, Self-Contained Emergency Exit Sign	Maintained	230 VAC, 50 Hz, Class II, IP42
LKS3070LDP3W	Surface mounted, Self-Contained Emergency Exit Sign	Maintained	230 VAC, 50 Hz, Class II, IP42





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Diana Flat range of emergency luminaires

Model name	Description	Mode	Ratings
LXF9250LXP3T	Surface mounted, Self-Contained Emergency luminaire	Maintained	230 V AC, 50 Hz, Class II, IP 20
LXF9250LDP3WT	Surface mounted, Self-Contained Emergency luminaire	Maintained	230 V AC, 50 Hz, Class II, IP 20
LXF9150LXP3T	Surface mounted, Self-Contained Emergency luminaire	Maintained	230 V AC, 50 Hz, Class II, IP 20
LXF9150LDPW3T	Surface mounted, Self-Contained Emergency luminaire	Maintained	230 V AC, 50 Hz, Class II, IP 20
LDF9150LXP3	Surface mounted, Self-Contained Emergency luminaire	Maintained	230 V AC, 50 Hz, Class II, IP 20
LDF9150LDP3W	Surface mounted, Self-Contained Emergency luminaire	Maintained	230 V AC, 50 Hz, Class II, IP 20
LDF9250LXP3	Surface mounted, Self-Contained Emergency luminaire	Maintained	230 V AC, 50 Hz, Class II, IP 20
LDF9250LDP3W	Surface mounted, Self-Contained Emergency luminaire	Maintained	230 V AC, 50 Hz, Class II, IP 20

