














Date : 09.01.2023

CERTIFICATE OF COMPLIANCE


This certificate of compliance validates the following			
TEST REPORT NUMBER 'Assessment Reports' are not acceptable	60326937 006, 60326937 005 and 60326937 005 attm 1	CERTIFICATE NUMBER	UY 60167906 0001
DATE OF ISSUE	24.11.2022	DATE OF ISSUE	09.01.2023
DATE OF EXPIRY	Not applicable	DATE OF EXPIRY	08.01.2025
Manufacturer details			
NAME OF FACTORY	Iftest AG	NAME OF THE BRAND / Manufacturer	Zumtobel Lighting GmbH Schweizerstrasse 30, A-6850 Dornbirn, Austria
FACTORY ADDRESS / REGION (STREET / TOWN / CITY / COUNTRY)	Schwimmbadstrasse 43 5430 Wettingen Switzerland	MODEL / NO	Designation Art.-Nr emCON 22 171 087 LITECOM CCD DALI-2 22 171 127 LITECOM CCD DALI-2 1CH 22 171 472 EXP LITECOM DALI-2 3CH 22 171 128 EXP LITECOM DALI-2 1CH 22 171 554 Optional accessories Art.-Nr ONLITE BRI 22 185 300 ONLITE local Switch Module II 22 169 120 ONLITE local Repeater 22 157 024
WEBSITE	http://www.iftest.ch	LOGO ON THE PRODUCT	 ZUMTOBEL or  ZGS zumtobel group services
TEL	+41 56 437 32 19	EMAIL	Factory: peter.traub@iftest.ch Brand company: info@zumbobel.info



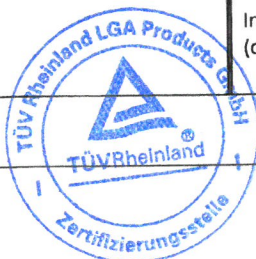


Product Details From Test Report		Reference Test Report page NO
DESCRIPTION OF THE PRODUCT (TECHNICAL DETAILS FROM TEST REPORT, SUCH AS ACTUAL FIRE RATINGS/DIMENSIONS/THICKNESS/ SENSITIVITY ETC)	Automated monitoring system for battery operated emergency lighting systems. Factory of the device is: Iftest AG Manufacturer and trademark holder is: Zumtobel Lighting GmbH	1, 4-8
	The product is an Automated monitoring system for battery operated emergency lighting systems designed for the control and monitoring of single battery powered emergency lights provided. The software revision installed on the panel was 2.7. The sample is classified as type PER. Three DALI lines are available for connection of a maximum 64 luminaires per line, for a total of 192 maximum luminaires. An Ethernet port is available for remote connection of a PC for control and fault monitoring. Alternatively the control and fault monitoring can also be used via an APP. The models mentioned on page 4 differ in model name and number of output terminals.	
	Main devices: emCON Art.-Nr. 22 171 087 LITECOM CCD DALI-2 Art.-Nr. 22 171 127 LITECOM CCD DALI-2 1CH Art.-Nr. 22 171 472 EXP LITECOM DALI-2 3CH Art.-Nr. 22 171 128 EXP LITECOM DALI-2 1CH Art.-Nr. 22 171 554	
	Optional accessories: ONLITE BRI Art.Nr. 22 185 300 (a) ONLITE local Switch Module II Art.Nr. 22 169 120 (b) ONLITE local Repeater Art.Nr. 22 157 024 (b)	
	Examples of marking plates	
	<div><div><div><div><div>Device</div><div></div><div>ZUMTOBEL</div></div><div><div>Status</div><div>emCON</div><div>Art.-Nr. 22 171 087</div><div>Zentrales Steuergerät</div><div>Zentral control device</div><div>(3x DALI, 1x LM-Blue)</div><div><div>Function</div><div>110 - 240 V, 50/60 Hz</div><div>max. 300 mA</div><div>Ta: 0 - 50 °C</div></div><div><div>L N</div><div></div><div>Made in Switzerland</div></div></div><div><div><div>guaranteed supply current per control line: 200 mA</div><div>max. supply current per control line: 250 mA</div></div><div><div>DALI 1</div><div><div>Status</div><div>Test</div><div><div>Lvs. DA</div><div></div></div></div></div><div><div>DALI 2</div><div><div>Status</div><div>Test</div><div><div>Lvs. DA</div><div></div></div></div></div><div><div>DALI 3</div><div><div>Status</div><div>Test</div><div><div>Lvs. DA</div><div></div></div></div></div></div><div><div></div><div><div>Ethernet (RJ45)</div><div>Default IP: 10.10.40.254</div><div>ATE CLASS: PER</div><div><div>E1 B2</div><div></div></div></div><div><div></div><div></div></div></div></div></div></div>	

heinland LGA Products



In addition to this certificate the products are type approved
(certificate R60146767 001 and 002)






TEST STANDARD (SUCH AS ASTM/BS EN/ DN ETC)	EN 62034:2012 IEC 61347-2-11:2001 + AMD1:2017 IEC 61347-1:2015 + AMD1:2017	1
TEST DESCRIPTION	<p>Following tests performed according to EN 62034:2012</p> <ul style="list-style-type: none"> - Safety, construction and installation instructions (4.1) - Monitoring of the timing circuit (4.2) - Functional requirements (4.3) - System integrity (4.4) - Test of emergency lamp(s) (4.5) - TEST DURATION AND INTERVAL (5) - PROTECTION OF A BUILDING DURING THE PERIODS OF TEST AND SUBSEQUENT RECHARGE OF THE EMERGENCY LIGHTING SYSTEM (6.1) - Requirements for premises that may be occupied during test and recharge periods (6.3) - INDICATION AND RECORDING OF RESULTS OF TESTS THAT THE EQUIPMENT HAS TO PERFORM (7) <p>With following performed tests (relevant tests for electrical safety was performed acc. to IEC 61347-2-11:2001+A1:2017 used in conjunction with IEC 61347-1:2015+A1:2017</p> <ul style="list-style-type: none"> - Classification clause 6 - Marking clause 7 - Protection against accidental contact with Live parts clause 8 - Terminals clause 9 - Moisture Resistance and Insulation clause 11 - Electric Strength clause 12 - Fault Conditions clause 14 - Construction clause 15 - Creepage distances and clearances clause 16 - Resistance to Heat, Fire and Tracking clause 18 - Annex A, D, F, H, O 	<p>9-18</p> <p>60326937 005 attm 1 8-26</p>
SPECIFICATION OF TEST SPECIMEN	<p>Automated monitoring system for battery operated emergency lighting systems</p> <p>Main devices / Ratings: 110 – 240 V, 50/60 Hz, max. 300 mA</p> <p>Accessories: 10-30 VDC (a), via DALI (b)</p>	2, 4, 7-8
TEST RESULT (SUCH AS PASSED CRITERIA___/ COMPLIED TO___/ DURATION___OBSERVATION___/ETC)	<p>The products passed</p> <p>EN 62034:2012</p> <p>IEC 61347-2-11:2001 + AMD1:2017</p> <p>IEC 61347-1:2015 + AMD1:2017</p>	1, 4


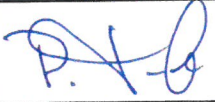


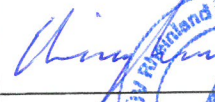
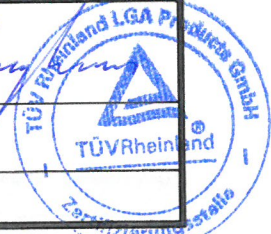


PRODUCT APPLICATION GUIDELINE (END USE) (CLEARLY STATE THE END USE WITH SPECIFIC APPLICATION, SUCH AS EXACT FIRE RATING/TO BE INSTALLED IN ___/TO BE INSTALLED AT ___/TO BE CONNECTED WITH ___/TO BE INSTALLED WITH ___ ETC ALONG WITH ANY WARNINGS SUCH AS NOT TO BE USED IN ___/NOT TO BE INSTALLED AT ___/ NOT TO BE INSTALLED WITH ___ ETC.	Example: (from emCON installation manual) 'USER Manual' contain details about main technical parameters, safety instructions, interface description, requirements, commissioning, configuration, monitoring and maintenance information. Installation for qualified personnel only. Detail safety instructions given in manual. Example:  Attention <ul style="list-style-type: none">• The emCON system may only be used for the application area specified• Relevant health and safety regulations must be observed• Assembly, installation and commissioning may only be carried out by qualified personnel• The emCON system and connected devices can only be operated when in complete working order• The manufacturer is neither liable nor does it accept any guarantee for consequential damage that may occur if these instructions are not followed.	Specifi- cation
---	---	--------------------





Laboratory and Certification body details			
NAME OF CERTIFICATION BODY	TÜV Rheinland LGA Products GmbH	NAME OF TEST FACILITY	TÜV Rheinland LGA Products GmbH
CERTIFICATION BODY ADDRESS / REGION (STREET / TOWN / QTY / COUNTRY)	Tillystraße 2, 90431, Nürnberg, Germany	TEST FACILITY ADDRESS / REGION (STREET / TOWN / QTY / COUNTRY)	Am Grauen Stein 29 51105 Köln, Germany
WEBSITE	www.tuv.com	WEBSITE	www.tuv.com
TEL	+49 911 655 5225	TEL	+49 911 655 5225
EMAIL	service@de.tuv.com	EMAIL	service@de.tuv.com
ACCREDITED BY (NAME OF ACCREDITATION BODY WHICH ISSUED ACCREDITATION TO THE CERTIFICATION BODY, ALONG WITH WEBSITE)	DAkS – Deutsche Akkreditierungsstelle	ACCREDITED BY (NAME OF ACCREDITATION BODY WHICH ISSUED ACCREDITATION TO THE LABORATORY, ALONG WITH WEBSITE)	DAkS – Deutsche Akkreditierungsstelle
AS PER (STANDARD TO WHICH THE CERTIFICATION BODY IS ACCREDITED TO)	DIN EN ISO/IEC 17065:2013	AS PER (STANDARD TO WHICH YOUR ORGANIZATION IS ACCREDITED TO)	DIN EN ISO/IEC 17025:2017
VALIDITY (EXPIRY DATE OF CERTIFICATION BODY ACCREDITATION)	unlimited	VALIDITY (EXPIRY DATE OF LABORATORY ACCREDITATION)	unlimited
REFERENCE NUMBER: (CERTIFICATION BODY ACCREDITATION REFERENCE NUMBER TO VERIFY ON THE ACCREDITOR'S WEBSITE)	D-ZE-14169-01-04 Issued 08.02.2022	REFERENCE NUMBER: (THE LABORATORY ACCREDITATION REFERENCE NUMBER TO VERIFY ON THE ACCREDITOR'S WEBSITE)	D-PL-14169-03-01 Issued 19.03.2019
CERTIFICATION MARK			
(ENDORSEMENT) TO BE SIGNED BY MANUFACTURER			
NAME OF MANUFACTURER'S SIGNATORY	Iftest AG Mr. Peter Traub	SIGNATURE	
EMAIL / TEL	peter.traub@iftest.ch +41 56 437 32 19	FACTORY OFFICIAL SEAL	IFTEST AG Schwimmbadstrasse 43 CH-5430 Wettingen Tel 056/437 37 37 info@iftest.ch
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	TÜV Rheinland LGA Products GmbH Mr. Volker Ebinghaus	SIGNATURE	
EMAIL / TEL	service@de.tuv.com +49 911 655 5225	CERTIFICATION BODY OFFICIAL SEAL	
NOTES: I Undertake that all data and information provided are genuine and accurate			