



Requirements for electronic luminaires with electronic ballasts which are operated on a "Sibelon" emergency lighting

Manufacturer: LEDVANCE GmbH Parkring 1-5, 85748 Garching, Germany		Type / description: ECG-type: 4099854756801 MAG LED RING P 12W ML 83040 AC 4099854756788 MAG LED RING P 16W ML 83040 AC 4099854756764 MAG LED RING P 22W ML 83040 AC		Manufacturer information Complies: YES/NO
1	Luminaire complies with the standard	DIN EN 60598-2-22	Luminaires that are intended for use as emergency luminaires must comply with the standard DIN EN 60598-2-22 (Particular requirements requirements - Luminaires for emergency lighting)	Yes
2	Luminaire complies with the standard	DIN EN 55015 (Messung bei AC und DC)	Limit values and measurement methods for radio interference characteristics of electrical lighting equipment and similar electrical appliances	Yes
3	Control gear /driver complies with the standard	DIN EN 61347-2-13 (inkl. Anhang J)	Special requirements for DC or AC supplied electronic control gear for LED modules	Yes
4	Control gear /driver complies with the standard	DIN EN 62384	DC or AC-supplied electronic control gear for LED modules - operating requirements	Yes
5	Control gear /driver complies with the standard	DIN EN 61000-3-2	Electromagnetic compatibility (EMC) - Part 3-2: Limits - Limits for harmonic currents (Device input current = 16 A per conductor)	Yes
6	Control gear /driver complies with the standard	DIN EN 61547	Equipment for general lighting purposes - EMC immunity requirements	Yes
7	Control gear suitable for the DC voltage range:	183 V - 260 V DC (bei Blei-Batterie)	Battery voltage range in emergency power mode (not for EPS systems)	Yes
8	Control gear suitable for the switchover time of the system?	Switchover time: < 500 ms	Typical switch over time of the system	Yes
9*	Query of the control gear status for monitoring the light source	DIN EN 62386-102 chapter 11.3.1 Command 146	Y AAA AAA1 1001 0010 „Query lamp failure“ Command queries if a lamp failure is present at the corresponding address. Answer has to be "YES" or "NO".	No
10*	DC light level adjustable?	_____ %	When operated with DC the control gears have to establish the stated light level	No
11*	System Failure Level adjustable?	≥ DC-Level	Forced switch-on in the event of DALI voltage	No

\* Only for DALI drivers / control gears