

**TECHNICAL DATA SHEET**

**LONGLITE MEGA ALU- photoluminescent safety signs (aluminium)**

*Basic material:* Aluminium, thickness 0,56 mm

*Photoluminescent material:*

- Type Rare Earth aluminate
- Excitation wavelength ca. 240 nm – 480 nm, maximum at c. 380 nm
- Emission wavelength ca. 400 nm – 640 nm, maximum at c. 520 nm
- Body colour Yellowish green

*Test:*

Our products are tested from accredit examination facilities according to DIN 67510. The following tests were carried out:

<b>Properties</b>	<b>According to DIN 67510</b>	<b>Examination as per</b>
Luminance	up to 600% above the demands of DIN 67510 – 4	DIN 67510 - 4
Density of photoluminescence	after 10 min: 150,0 mcd/m <sup>2</sup> after 60 min: 22,5 mcd/m <sup>2</sup>	DIN 67510 - 1
	Discharge time to 0,3 mcd/m <sup>2</sup> At least 2100 minutes	DIN 67510 - 1
Flame resistance	flame resistance index K1	
Radioactivity	free from radioactive Additives	
Weather resistance		
Corrosion resistance		
Chemical resistance		