

DATA SPECIFICATION

ELFOLIE



Data Specification EL Sheets

trade name	El Sheets
product code	El Foil
material	PET foil vapor-deposited indium-tin oxided (ITO) coat, electrically conducting [100 Ohm
luminescent substance	tin oxid ZnS based sunstance (micro encapsulated with Al ₂ O ₃) ingredients : corresponding Cu endowed tin oxid, gold, argent, copper, manganese. type of structure: cubical , sphalerite, zinc blende (..... 90 %) binder: organic binder 2K system
dielectric fluid	ingredients: barium titanat (BaTiO ₃) BaO 63,5...64,5% TiO ₂ 33,3...34,3% molecular weight 233,2g/mol binder: organic 2K system
rear electrode	ingredients: argent; binder: organic 2K system
isolation	polyester lamination both sided, 125 my thickness
manufacturing technique	EL- system im silk-screen printing/high build
recovery and cleaning-up	EL-Sheet EAK European Waste Code o80302
quality characteristics	
shade of colour	white
luminous density	46 cd/qm at 110 Volt/400 Hz input voltage
operational voltage	AC 110 - 180 Volt sinus, 400 - 2000 Hz
half-value period	10.000 hrs.
economic life	15.000 hrs.
durability	5 years (2.400 hrs./year)

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