LONGLITE Quality MEGA STAR Sheet

Technical Data Sheet

The long-lasting photoluminescent PVC sheet consists of three layers:

- Top layer — Highly transparent PVC foil, UV stabilized, printable e.g. silk-screen processing
- Intermediate layer — PVC foil with long-lasting photoluminescent pigments
- Bottom layer — White solid PVC foil

The plates are manufactured according to DIN 67510

Dimensions: 1060 x 1250 mm, app.1.2 mm thick
in packages of 25 pieces
special sizes on request

!!! Highest luminosity at low ambient light !!!

Properties	**Requirements**	**Examination as per**
Photoluminescent Density	≥100 / 10 - 1651-W-K	DIN 67510 part1
Low ambient light	**after 1 Min. 193 mcd / m²** **after 5 Min. 83 mcd / m²** **after 10 Min. 48 mcd / m²** **after 30 Min. 16 mcd / m²**	**activated with 25 lx during 60 Min.**
Fire resistance Inflammability	class K1 class B2	DIN 53438-3 DIN 4102
Resistance to aging	mark 3 as per EN ISO 105-A02	500 h at 35°C DIN 53387-1-D-X
Resistance to salt spray droplets	no visible changes	120 h as to DIN 50021-SS
Resistance to Chemical influence	no visible changes	DIN 74069
Resistance to cleaning	no visible changes	DIN 30646 Test liquid L