

# Datasheet

## LightLine Photoluminescent Tape - PET

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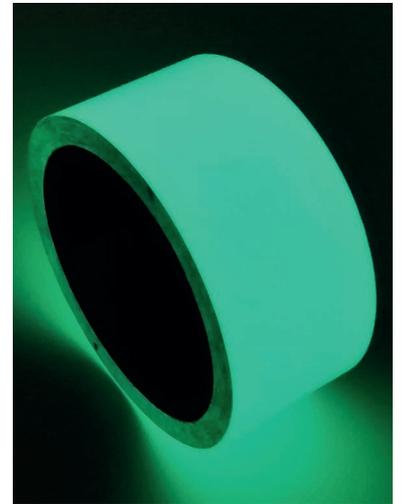
### Product description

LightLine Photoluminescent Tape – PET is a multifunctional Low Location Lighting tape made from recycled PET materials, featuring strong photoluminescent properties.

Suitable for both indoor and outdoor use, this tape is widely applied in various environments, including cruise ships, oil tankers, ferries, RoRo vessels, and many other ship types.

Its use is not limited to maritime settings—it is also highly suitable for offshore applications such as factories, corridors, and industrial hallways.

### Pictures



### Dimensions

Article Numbers:	LLTP040CN, LLTP050CN, LLTP080CN
Dimensions:	40 x 10, 50 x 10, 80 x 10 mm
Weight:	300 g - 375 g - 600g
Thickness:	0,175 mm
Luminance intensity:	Class XXL - 10 min/200 - 60 min/30 Class M - 10 min/50 - 60 min/7
Elongation:	24%
Tensile strenght:	Approx. 5 kg

Please note that the degree of luminance and its longevity can vary depending on the level of excitation achieved. The illumination is influenced by the frequency of the light source and the quality of the illumination provided.

### Specifications

PET is suitable for both indoor and outdoor use.

Our LightLine Photoluminescent Tapes are packed and supplied in easy-to-handle containers or packaging.

The tape should be stored in a clean, dry environment at a temperature between 0°C and +30°C.

### Approvals & Standards

#### Approvals:

Wheelmark  
DNV

#### Standards

This product complies with IMO A752(18) and ISO 15370 which include ships and marine technology / low location lighting on passenger ships arrangements.

### Benefits

- High afterglow intensity - Tested according to DIN 67510
- Durable: Withstands up to 80 wash cycles at 60°C (ISO 6330) without color fading
- Long-lasting glow: Glows in the dark for over 12 hours, ensuring extended visibility in low-light conditions
- Eco-friendly and skin-safe: Non-toxic, non-harmful, and non-radioactive
- User-friendly: Easy to handle and apply
- Excellent environmental resistance: Suitable for use in temperatures ranging from -20°C to +65°C