



**PRODUCT INFORMATION SHEET GRYF DZF-80G, DZF-50G
LOW-LOCATION LIGHTING (LLL)
Photoluminescent indicator GRYF
PAT. P. 417371**

Usage

- for road markings with an informative and warning character
- setting out the course of bicycle routes, trails and tracks, as well as cyclist and pedestrian routes, crossings, stairs, footbridges
- indicator for facing with asphalt and concrete surfaces, glued in with hot bitumen glue
- patented manufacturing technology allows to achieve the highest class of luminance for this type of product (luminance according to PSPA class G)

Product composition

Composite, multi-layer product consisting of resins, glass in the form of fibres and microspheres, and a photoluminescent layer consisting of rare-earth metal elements.
Due to the patent protection and the manufacturer secrecy, the arrangement of individual layers and the composition of the product are not given.

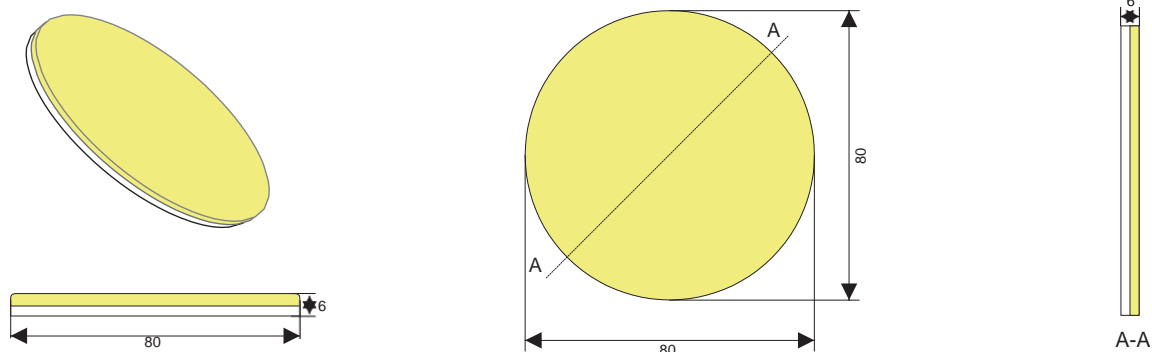
Indicator dimensions

Diameter 80 mm (+/- 1 mm tolerance)
Thickness from 4.5 mm to 6.5 mm

Luminance and colour

In natural or artificial lighting conditions - light green / yellow

The colour of the light emitted in the dark/night conditions - green (yellow-green)



The product has been tested for strength and luminance, and it complies with the following standards:

**PN-EN ISO 178: 2011 / A1: 2013-06, PN-EN ISO 179-1: 2010 and PN-EN 04040-04: 1983,
CIE 15: 2004 DIN 67510-1: 2009-11, ISO 15370: 2010 -02,
Classification according to PSPA - class G**