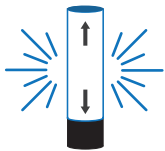




Your specialists for traffic and system engineering

RWM III – The perfect complement to electric runway lighting

Reflective runway markers are a cost-effective alternative to conventional lighting. Their highly reflective surface has been specifically designed for airport taxiways and hazard lighting.



Design

- Upright cylinder, closed at the top with a reflective cap,
- Made of high-density polyethylene (PEHD) in a full plastic construction,
- Equipped with a plastic rail for securing,
- Upper cylinder (support with reflective film),
- Lower cylinder (base part with predetermined breaking point).



Advantages

- Cost-effective
- Easy to replace/interchangeable
- No power connection required (thus peripheral usability)
- Low maintenance costs



Technical features

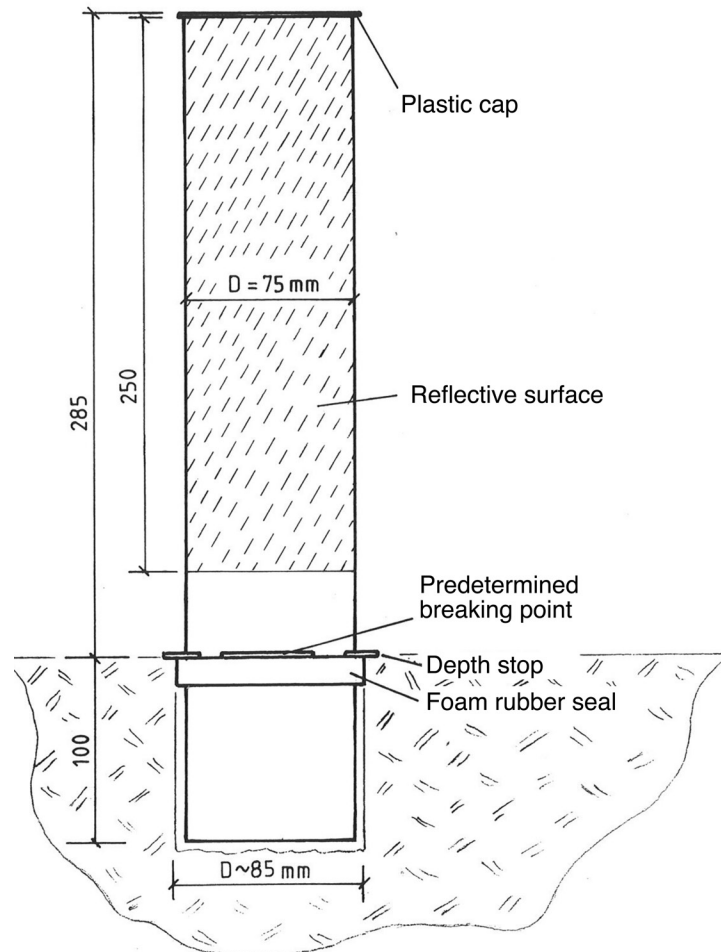
- Overall height: 385 mm
 - Height above ground: 285 mm
 - Height in the ground: 100 mm
 - Post diameter: 75 mm
 - Base diameter: ~85 mm
 - Reflective area: 250 mm x 75 mm, blue
- With RWM III, the base can be customized to fit local conditions.

Best Practice

Frankfurt Airport,
 Essen/Mühlheim, Leipzig/Halle



Detailed view of RWM III



RWM III edge markers comply with the following regulations and specifications

Federal Ministry of Transport

(based on ADV development as of 27.02.2003):

- 3.4.1 Runway edge lights and runway edge markers
- 3.4.1.1 The edges of the runways are to be marked with blue omnidirectional lights. For runways equipped with centerline lighting, the edge lights may be replaced with reflective blue edge markers. The edge markers should have a visible surface area of at least 150 cm².

ICAO Annex Chapter 5 Para 5.5.5

- 5.5.5 Taxiway edge markers
- 5.5.5.3 A taxiway edge marker shall be retroreflective blue.
- 5.5.5.4 Recommendation – The marked surface as viewed by the pilot should be a rectangle and should have a minimum viewing area of 150 cm².
- 5.5.5.5 Taxiway edge markers shall be frangible. Their height shall be sufficiently low to preserve clearance for propellers and for the engine pods of jet aircraft.

Contact us

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