



Intrinsically-Safe Flashing Indicator Lite-Tracker LT-103E



This device indicates the exact position of a person or warns of a dangerous area in Ex-hazardous areas.

- Ultra-bright LED light source
- Uni-directional light output
- Tough polycarbonate case
- Small and lightweight
- Safe for Zones 0, 1 and 2

The Lite-Tracker is a flashing visual indicator intended to show the position of personnel working in areas of bad visibility. It is a small lightweight unit fitted with two primary batteries which feed an extremely bright LED light source which, with its blinking flashing effect, penetrates darkness and smoke. The scattering lens fitted enables the Lite-Tracker to spread the light over a wide angle.

Thanks to its "Ia" ignition-protective rating for inherent safety approval according to the European CENELEC Standard for "Electrical Equipment for use in potentially explosive atmospheres" the Lite Tracker may be used in Ex-hazardous areas of Zones 0, 1 and 2.

The Lite-Tracker is operated by two AAA primary cells. Alkaline batteries type LR03 are recommended on account of their long-lasting power which enables the Lite Tracker to function for up to 50 hours at optimum brightness.

The light produced by three extremely bright LED light sources is intensified and scattered by a prismatic material thus giving the entire light source an enhanced brightness. At night and without obstructions, the Lite Tracker can be seen at a distance of at least 1 km.

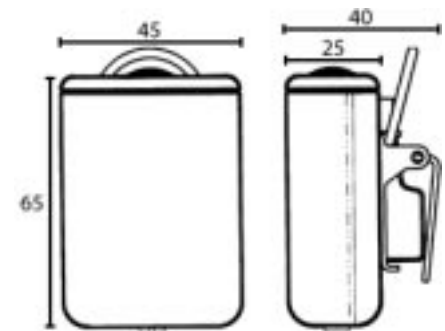
Technical data:

Ambient temperature Ta:	-20°C ... +40°C
Light source:	LED
Batteries:	2 x LR03 (AAA)
Operating time:	approx. 50 hours
Protective rating:	IP 67
Dimensions:	40 x 45 x 65 mm
Weight:	approx. 100g

Ex-Data:

Ex designation:
Ⓔ II 1 G EEx ia IICT4

EC-Certificate of conformity:
BAS99ATEX I 202



The electronic circuit and cells are housed in a two-part polycarbonate case that is sealed to prevent the ingress of dirt and moisture.

The Lite-Tracker has the IP 67 protection rating and can thus be immersed for a short time in water.

The Lite-Tracker can be securely attached to the user with either a steel clip for gripping thick firm clothing or alternatively with a "D" ring to a suitable loop.

