

Press information

To download a text file of this release,
a 250 pixel wide low-res image for web use
or a 300dpi print quality image, go to www.parkfield.co.uk/e2s

Intrinsically Safe LED beacons overcome low light output problems in Hazardous Areas
Released 23 August 2002

Traditional Xenon tube beacons cannot perform to their full potential in Intrinsically Safe Hazardous Areas; the input energy that is allowed to pass through the Zener barrier or galvanic isolator is limited and consequently the performance of the Xenon tube is severely compromised, significantly reducing its light output. To overcome this limitation, the new L101L-IS Intrinsically Safe flashing beacon from European Safety Systems uses an array of ultra bright LEDs to produce a bright flashing warning signal in Hazardous Areas, giving a far more effective visual warning than the Xenon tube beacon alternatives. Suitable for use in Zone 0, 1 and 2 environments and approved to EEx ia IIC T4, the L101-IS operates from 10 – 28VDC and is available with Amber, Red or Green LEDs; as a stand-alone unit it operates a 2Hz, giving two double flashes per second.

The unit can also be combined with E2S's IS A105N-IS 105dB(A) sounder producing the first intrinsically safe sounder/ beacon combination, powered through the same Zener barrier or galvanic isolator and mounted together or separately. An optional "alarm accepted" facility enables the sounder to be silenced for between one and thirty minutes. When used with a sounder, the L101-IS flashes at 1Hz when on; when the sounder is silenced, the flash rate is 2Hz.

The L101-IS measure 86mm, is sealed to IP56 and typically draws 25mA from 24VDC when powered via a 28V 300 Ohm Zener barrier.

*** Ends: body copy 234 words ***

Notes to Editors.



For further information contact:

E2S contact:

Peter Fay
Managing Director
European Safety Systems Limited
Impress House
Mansell Road
London
W3 7QH
Tel: + 44 (0)20 8743 8880
Fax: + 44 (0)20 8740 4200
sales@e-2-s.com
www.e-2-s.com
Agency contact:

Nigel May
Parkfield Communications Limited
Parkfield House
Damerham
Hants
SP6 3HQ

Tel: + 44 (0)1725 518321
Fax: + 44 (0)1725 518378
nigel.may@parkfield.co.uk
www.parkfield.co.uk

European Safety Systems specialise in the design and manufacture of a wide range of Intrinsically Safe and Explosion Proof high performance sounders, strobes and beacons, including unique intelligent annunciation and audio messaging devices employing direct analogue signal storage on silicon technology.