

PRODUCT NUMBER: 3301105 Laser Lite Single-Use Earplug (Uncorded)

Learn more about our products at howardleight.com

Learn more about hearing conservation at hearforever.org >



Overview

Reference Number 3301105

Product Type Hearing Protection

Range Earplugs

Line **Disposable Earplugs**

Brand Howard Leight by Honeywell

Industry

- Industry
 Administration
 Agriculture
 Army Defence
 ATEX environment
- Automotive and Part Manufacturer
 Aviation
 Building and Construction
 Catering
- Chemical Industries
 Energy or Electricity
 Fire Protection brigades
 Fishing
 Food Industries
- Foundry
 Glass Industries
 Green Spaces
 Homeland defense
 Industrial Cleaning
- Iron and steel industry
 Laboratory
 Logistics
 Maintenance
 Medical and Pharmaceutical
 Metal steel
 Minning and Quarrying
 Offshore
 Paper Industries
 Petro-chemical
- Printing Industries
 Services
 Ship Building
 Telecoms
 Textile Industries
 Transportation
- Utilities
 Water treatment
 Welding
 Wood Industries

Product Use

Single-Use Earplug

Features & Benefits

Feature

VIBRANT COLOURS Makes protection fun - and highly visible. SELF-ADJUSTING FOAM Polyurethane foam adjusts to fit virtually every wearer. CONTOURED T-SHAPE Aids in easy insertion, removal from ear canal.

Benefit

The bright idea in hearing protection, Laser Lite's low-pressure foam expands gently inside the ear canal for comfortable long-term wear, while its contoured T-shape delivers easy handling. Its high visibility magenta and yellow colors make compliance checks quick and easy. Plus, Laser Lite is available with special packaging and dispenser options, ideal for process industries with low tolerances for packaging waste.

Technical Description

SNR (dB) 35 **H (dB)** 34 **M (dB)** 32

L (dB) 31

Attenuation Data

Frequency (Hz) Frequenz (Hz) Fréquence (Hz)	63	125	250	500	1000	2000	4000	8000
Mean Attenuation (dB) Mittlere Dämmung (dB) Atténuation moyenne (dB)	33.4	34.1	35.5	37.6	34.9	35.7	42.5	44.1
Standard Deviation (dB) Standardabweichung (dB) Déviation standard (dB)	4.6	6.7	4.6	4.1	5.0	2.8	2.9	4.2
Assumed Protection (dB) Angenommener (dB) Protection suppossé (dB)	28.8	29.4	30.9	33.5	29.9	32.9	39.6	39.9

Size

Fits All

Color

Magenta and Yellow

Shape

t

Corded

No

Weight (grs) 0.48

Certifications

E.C. Declaration of Conformity

EC Category PPE 2

Quality Assurance ISO 9001 / 2000

EC Certificate Number 951095

EC Attestation EC Attestation

EC Attestation Number 9503632

Additional Information

User Manual Instruction Manual - Laser Lite (global)

Maintenance

Life Cycle

These plugs must be disposed of and replaced after each wearing.

Storage Information

All earplugs should be stored before and between usages in a way that protects them from dirt, grease, and other contaminants.

Care Instructions

Disposable earplugs are made of either TPE (Thermoplastic elastomers) or polyurethane foam. Washing and cleaning of disposable earplugs are not recommended. These plugs must be disposed of and replaced after each wearing. Excessive moisture reduces the attenuation and slows down the foam recovery which may lead to improper fit.

Packaging

EAN Code 033552002031

© Honeywell International Inc.



EG-Baumusterprüfbescheinigung						
EG-Baumusterprüfbescheinigung						
Name und Anschrift desSperian Hearing Protection, LLCBescheinigungsinhabers:7828 Waterville Road(Auftraggeber)San Diego, CA 92154, USA						
Name und Anschrift desSperian Hearing Protection, LLCHerstellers:7828 Waterville RoadSan Diego, CA 92154, USA						
Produktbezeichnung: Gehörschutzstöpsel "Howard Leight Laser Lite" mit (LL-30) und ohne (LL-1) Verbindungsschnur						
Typ: Howard Leight Laser Lite						
Bestimmungsgemäße Vor Gebrauch zu formender Gehörschutzstöpsel zum einfachen Gebrauch / Persönliche Verwendung: Schutzausrüstung nach Art. 8 (2) der EG-Richtlinie 89/686/EWG (Kategorie II)						
 Prüfgrundlage: - Grundlegende Anforderungen für Gesundheitsschutz und Sicherheit nach Anhang II der EG-Richtlinie 89/686/EWG EN 352-2:2002 EN 13819-1:2002 EN 13819-2:2002 						
Zugehöriger Prüfbericht: 95 03632 vom 28.07.1995 und 2008 22449 vom 28.07.2008						
Bemerkungen: Dieses Zertifikat ersetzt das Zertifikat mit der gleichen Nummer ausgestellt am 28.06.1995.						

Das geprüfte Baumuster entspricht den einschlägigen Bestimmungen der Richtlinie 89/686/EWG (**Persönliche Schutzausrüstungen**), geändert durch die Richtlinien 93/68/EWG, 93/95/EWG und 96/58/EG.

Weiteres über die Gültigkeit, eine Gültigkeitsverlängerung und andere Bedingungen regelt die Prüf- und Zertifizierungsordnung vom April 2004.

Leiter der Zertifizierungsstelle

(Dr. rer. nat. Peter Paszkiewicz)

teler

Fachzertifiziererin (Dr. rer. nat. Sandra Dantscher)

Postadresse: • 53757 Sankt Augustin • Hausadresse: Alte Heerstraße 111 • 53757 Sankt Augustin Telefon: 02241 231-02 • Telefax: 02241 231-2234 • E-Mail bgia@dguv.de • www.dguv.de/bgia



	Institut für Arbeitsschutz der
Certificate No. BGIA 951095 Date of issue: 2008-07-28	Deutschen Gesetzlichen Unfallversicherung Prüf- und Zertifizierungsstelle im BG-PRÜFZERT
<u>Translation</u> In any case, the German original shall prevail	EC-Type Test Certificate
Name and address of the holder of the certificate: (customer)	Sperian Hearing Protection, LLC 7828 Waterville Road San Diego, CA 92154, USA
Name and address of the manufacturer:	Sperian Hearing Protection, LLC 7828 Waterville Road San Diego, CA 92154, USA
Product designation:	Ear-plug "Howard Leight Laser Lite" LL-1 (uncorded) and LL-30 (corded)
Туре:	Howard Leight Laser Lite
Intended purpose:	Disposable ear-plug (shape before use) / personal protective equipment according to article 8 (2) of the EC-directive 89/686/EEC (category II)
Testing based on:	 Basic requirements for health and safety in accordance with Annex II of the EC- directive 89/686/EEC EN 352-2:2002 EN 13819-1:2002 EN 13819-2:2002
Test report:	95 03632 as of 1995-06-28 and 2008 22449 as of 2008-07-28
Remarks:	This certificate replaces the certificate with the same number issued 1995-06-28.

The type tested complies with the provisions laid down in the directive 89/686/EEC (Personal Protective Equipment), amended by the directives 93/68/EEC, 93/95/EEC und 96/58/EC.

Further conditions are laid down in the Rules of Procedure for Testing and Certification of April 2004.

Mfc

Head of certification body (Dr. rer. nat. Peter Paszkiewicz)

.....

Certification officer (Dr. rer. nat. Sandra Dantscher)

Postal address: • 53757 Sankt Augustin • Office: Alte Heerstraße 111 • 53757 Sankt Augustin Phone: +49 (0) 2241 231-02 • Fax: +49 (0) 2241 231-2234 • E-Mail bgia@dguv.de • www.dguv.de/bgia



E.C. Declaration of Conformity

<u>The manufacturer or its legal representative supplier in the European Community:</u> Honeywell Safety Products Europe

Declares that the Personal Protective Equipment described here after conforms to the provisions of the European Council Directive 89/686/CEE: Designation: Laser Lite Single-Use Earplug (Uncorded) Reference: 3301105 Standard(s): EN 352-2:1993, EN-24869-1:1993

This PPE is the object of the below EC examination certificate n°: 951095

Delivered by:

B.G.I.A. Alte Heerstrasse 111 53754 Stankt Augustin Germany

Drawn up in Germany, on the 08/07/2015 **By**: **Division**: Hearing Protection

Kepten Julies

Zl Paris Nord II 33, rue des Vanesses BP 50288 95958 Roissy CDG France Tel: +33 (0) 49 90 79 79 Fax: +33 (0)1 49 90 79 80 www.honeywellsafety.com