Low Vision Exam Aids

Low Vision Distance Chart Competitive Comparison

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Low Vision Chart Sets - Lea Numbers™ and Lea Symbols™

Lea Low Vision Chart Set uses the Lea Symbols™ and Numbers™ which have been clinically tested for efficacy. The main advantages are:

- Uses Clinically tested Optotypes which provide a narrow acuity threshold Distance and Near vision cards included in one binding.
- Testing distance and Snellen measurement shown on each page.
- Use at 3 or 1.5 M (10 or 5 ft) and near at 16 inches (40 cm).
- Shows both metric and English measures.
- Choice of top for hanging or left side binding for book like presentation.


Each Set is 10 x 12 inch, two sided, printed on styrene, with covers front and back and coil binding. Each set also includes Metal Frame Adult Occluding Glasses and Fun Frame Pediatric Occluding Glasses.

- **5131R** Lea Numbers, Left side binding Chart Set
- **5273R** Lea Numbers, Top binding Chart Set
- **5274R** Lea Symbols, Left side binding Chart Set
- **5275R** Lea Symbols, Top binding Chart Set

Floor or Table Stands for Low Vision Charts

Floor and Table Stands are now available to provide a convenient way to display the Lea Numbers and Symbols Low Vision Charts (bound from the top). No more propping the charts up on a chair! Changing out from Numbers to Symbols is easy and quick. Floor Stand has 10 in. (27 cm) base and adjusts the top of the chart from 48 to 76 in. (123 to 194 cm). Table Top has 6 in. (15 cm) base and adjusts the top of the chart from 23 to 26 in. (58 to 66.7 cm). Price of stand does not include the chart.

- **6075R** Low Vision Chart Holder with Floor Stand
- **6076R** Low Vision Chart Holder - Table Top Stand

Low Vision Lea Symbols™ Folding Chart

Low Vision Chart uses large Lea Symbols 50M in sizes corresponding to 1/50 (20/1000, 6/300, 0.02), 1/40, 1/30, 1/25, 1/20, 1/16, 1/12, 1/10, 1/8, 1/6, 1/5, 1/4, 1/3, 1/2.5, 1/2, 1/1.6, 1/1.25, to the smallest Symbols at 1M in size corresponding 1/1 (20/20, 6/6, 1.0) all at a distance of one meter.

Includes attached cord to maintain the proper testing distance, Lorgnette Occluder and instructions, response key and flash cards.

Chart measures 16” x 21.5” (40.7 cm x 54.6 cm). Folds to 16” x 10.75” (40.7 cm x 27.3 cm).

- **258000** Low Vision Lea Symbol Folding Chart
**Low Vision Lea™ Folding Numbers Chart**

This Lea Numbers™ Low Vision Chart is designed for examining children 5 years and up and adults with severe visual impairments. The largest numbers are 50M in sizes corresponding to 1/50 (20/1000, 6/300, 0.02), 1/40, 1/30, 1/25, 1/20, 1/16, 1/12, 1/10, 1/8, 1/6, 1/5, 1/4, 1/3, 1/2.5, 1/2, 1/1.6, 1/1.25, to the smallest Symbols at 1M in size corresponding 1/1 (20/20, 6/6, 1.0) at a distance of one meter. Includes measuring cord, occluder and instructions. Designed with August Colenbrander, MD.

Chart is 16” x 21.5” (40.7 cm x 54.6 cm). Folds to 16” x 10.75” (40.7 cm x 27.3 cm).

**272100** Lea/Colenbrander Numbers Low Vision Folding Chart

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**Cardiff Acuity Test For Low Vision**

The Cardiff Acuity Test for Low Vision is aimed specifically at young children (aged 1-3 years) and at older children and adults with intellectual impairment. It therefore allows evaluation of visual impairment at an early age when diagnosis and management are crucial, and in otherwise hard-to-test patients. Cardiff Acuity Test for Low Vision Set supports testing at 12 levels (36 cards) from 20/320 to 20/25 (6/96 to 6/7.5). Intended for test distances of 1 meter or 50 cm. Cards measure 7 3/4 x 10 1/2 in (20 x 27 cm) and are labeled by acuity level equivalents in decimal, meters, feet, Snellen and LogMAR for both test distances. (See pages 27-29 for complete description of the Cardiff Test Strategy.) If you already own a Standard Cardiff Acuity Set, P/N 4754R is a set of nine cards to supplement the Standard set to the Low Vision Cardiff Set (includes 3 cards each of level A, LVB, LVA plus two dividers).

**4741R** Low Vision Cardiff

**4754R** Low Vision upgrade

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**Low Vision Runge Near Point Card**


**756900** Runge Low Vision Card

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**SOSH Low Vision Chart Set**

Designed by the Student Optometric Service to Humanity Project with Paul Lobby, OD and Robert Johnson, OD. The set includes: Near Acuity Chart with 17 lines of numbers 20/200 to 20/20, two charts with one number per chart for 20/700, 20/600, 20/500, 20/400, 20/300, two charts with two numbers per chart 220, two charts with three numbers per chart for 20/200, 20/180, 20/160, 20/140, 20/120, 20/100, one chart with 4 numbers per line 20/80, 20/60,20/50, and one chart with 5 numbers per line for 20/40, 20/30 plus 6 numbers for 20/25 and 7 numbers for 20/20, 20/15 and 20/10. The Optotypes are designed as closely as possible to the standard twenty foot Snellen Optotypes. Ten foot test distance. i.e. 10/700, 10/40, etc. The near point chart is designed to be used at 40 cm with the appropriate add for insufficient accommodation. Spiral Bound 10” by 13” (26 cm by 33.5cm).

**4663** SOSH Low Vision Set

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**Feinbloom Low Vision Tests**

Feinbloom Distance Low Vision Flip Chart. Use at 10 ft. Covers 10/10 to 10/700, all numbers, Printed on Styrene for durability with vinyl spiral bound covers.

**4895R** Feinbloom Distance
**Feinbloom Near Point Card**

One side is all numbers with 7 levels 3.2M to .5M. The reverse provides continuous reading examples on 5 levels 3.2M to .8M, English. Size: 9x6 inches (22.5x15cm)

Also available in Spanish, Hebrew, Greek, and Arabic: Inquire to: Sales@RichmondProducts.com

4896R Feinbloom Near Point

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**Cardiff Contrast Sensitivity - Adult Intellectual Disabilities**

Contrast sensitivity is the ability of the visual system to detect large but faint targets. There are some pathological conditions that reduce contrast sensitivity without impairing visual acuity, and the test will help in the identification of these conditions. However, reduced contrast sensitivity and reduced visual acuity often occur together, so that some patients with visual impairment also have reduced contrast sensitivity. Tests for the two functions are therefore complementary and obtaining a measure of both will give a more complete description of visual deficits than one alone.

The test covers 12 Contrast levels using three Cards at each level (36 cards total). Contrast levels start at 46% and decrease to 1% (Sensitivity levels from 2.17 to 100.) Scoring is aligned with the Pelli-Robson test, and study suggests comparable results. Recently been adapted slightly to make the subject pictured in the drawings appropriate for use with both children and adults with intellectual impairment.

5667R Cardiff Contrast Sensitivity Test for Children or Adults with Intellectual Impairment
Technical Bulletin

Low Vision Farnsworth D15 Color Test
Consists of the standard pilot and 15 test caps with the larger stimulus area of 1.3 in (3.3 cm) diameter. The area can be reduced by using the gray restriction rings to standard 0.47 in (1.2 cm) diameter. Includes acrylic case, storage pouch, recording forms and instructions. Double set permits matching of colors to simplify test without destroying validity.

260260  Low Vision D15 Test  
260160  Double set Low Vision D15

Low Vision Continuous Reading Card
Low Vision Reading Card with 16”/40 cm attached measuring cord. Chart contains continuous text with line sizes ranging from 20/320 to 20/16 (6/95 to 6/4.8) equivalent. The card also contains Letter Size, Decimal, LogMAR and M Size notations. English version shown. Chart measures 15” x 10” (25.5cm x 38.5cm).

777001 Low Vision Continuous Reading Card

Additional Low Vision Near Cards
See RichmondProducts.com for more details.

5100R Lighthouse Game and Number Card  Inquire
5101R Lighthouse Bees Continuous Test for Adults  Inquire
All Minnesota Reading Charts (Black on White or Reverse)  Inquire

Hiding Heidi Product Positioning:
For Vision Communication Assessment
The Hiding Heidi line of products has been developed by Dr. Lea Hyvarinen for use in sensory disability assessment. For information on these products, see the web site www.lea-test.fi.

Hiding Heidi Facial Expressions Test - Black Only
Hiding Heidi Facial Expressions Test consists of 18 cards, 4” x 4”, Black printing only, not a contrast test, not a preferential looking test, Used to quickly test ability to recognize facial expressions. Developed by Dr Lea Hyvarinen.

254505 Hiding Heidi Facial Expressions Test - Black only