Landolt ‘C’ Acuity Charts

Acuity Charts using the Landolt C Broken Ring optotype have traditionally been considered among the most reliable pediatric symbols. Results with the Landolt C figures are very comparable to the original Snellen and many of the more recently developed Pediatric Acuity testing optotypes are tested by comparison to the Landolt C figures.

With Landolt C, the patient is asked to indicate where the break is located, the break being positioned in any direction. The width of the break and of the ring are each one-fifth of the overall dimension. The minimum angle of resolution corresponds to the angular subtense of the just noticeable break at the eye.

Distance Charts:

ETDRS Distance Landolt C 13 Ft. (4M) Chart
This Landolt ‘C’ chart is in the ETDRS style similar to the ETDRS Series 1 Letter Charts. The chart is intended for Pediatric testing at 13 Ft. (4M). It may be hung on wall or used with ESV3000 or similar ETDRS Illuminated cabinet. The Landolt ‘C’ Optotypes are proportionally spaced in geometric progression with 14 line sizes from 20/200 to 20/10 (6/60 to 6/3) equivalent. Standardized format used in National Eye Institute sponsored studies. Chart measures 24.5"Height x 25.5"Width (62 cm x 65 cm). CE.

500037 Landolt C ETDRS Chart, Proportionally Spaced

Landolt C Distance 10 Ft. (3M) Chart
Landolt C Distance Chart measures 9” x 14 " (23 cm x 35.6 cm). For testing at 10 Ft (3M). Chart can be hung on the wall or used with Quantum Series Illuminated Cabinet Includes 13 levels (20/160, 20/125, 20/100, 20/80, 20/63, 20/50, 20/40, 20/32, 20/25, 20/20, 20/16, 20/10) and shows Optotype sizes in LogMAR, Decimal, Snellen (meters and Ft), Letter size and Actual at 10 ft and 3 Meters. CE.

600703 Landolt C Chart, 9x14 in. (23 cm x 35.6 cm)

Near Cards:

Near Point Landolt C and Tumbling ‘E’
Card includes Landolt ‘C’ and Directional ‘E’ optotypes. For use at at 16 inches (40 cm) and shows Letter Size, Point Size, Jaeger and Snellen in Meters and Feet. Covers J 16 ++ to J1 (20/320, 20/250, 20/200, 20/160, 20/125, 20/100, 20/80, 20/63, 20/50, 20/40, 20/32, 20/25, 20/20, 20/16, 20/10). Card measures 5 1/2” by 8" (140 by 205 mm).

11969R Near Landolt ‘C’ and ‘E’ Card

Two Sided Landolt ‘C’ and ‘E’ Near Card
Combination Landolt ‘C’ and Tumbling ‘E’ near vision card with proportionally-spaced lines. Optotype sizes range from 20/400 to 20/10 (6/120 to 6/3). Lines are 20/400, 20/320, 20/250,20/200, 20/160, 20/125, 20/100, 20/80, 20/63, 20/50, 20/40, 20/32, 20/25, 20/20, 20/16, 20/12.5, 20/10. Includes 16-inch (40 cm) measuring cord. Card measures 7” x 9” (17.8 cm x 22.9 cm).

728000 C and E Near Card
Landolt ‘C’ Pocket Cards

Acuity Charts using the Landolt C Broken Ring optotype have traditionally been considered among the most reliable Pediatric optotypes or symbols for acuity measurement. Acuity values determined by the Landolt C figures are very comparable to the original Snellen values. Many of the more recently developed Pediatric Acuity testing optotypes are designed and tested to achieve results comparable to the Landolt C.

With Landolt C, the patient is asked to indicate where the break is located, the break being positioned in any direction. The width of the break and of the ring are each one-fifth of the overall dimension. The minimum angle of resolution corresponds to the angular subtense of the just noticeable break at the eye.

These new Pocket Cards provide Landolt C on one side and one of three other popular optotypes on the reverse. Selection among these three Optotypes is based on the age of the patient or the patient’s written language capability in accordance with the following chart:

<table>
<thead>
<tr>
<th>Recommended Optotype</th>
<th>Patient’s age range</th>
<th>Patient’s language</th>
</tr>
</thead>
<tbody>
<tr>
<td>Landolt C</td>
<td>all ages</td>
<td>Any non-romance alphabet</td>
</tr>
<tr>
<td>Lea Symbols</td>
<td>3 to 5 years old</td>
<td>Any non-romance alphabet</td>
</tr>
<tr>
<td>Lea Numbers</td>
<td>5 to 8 years old</td>
<td>Arabic Numbers</td>
</tr>
<tr>
<td>Sloan Letters</td>
<td>9 to adult</td>
<td>Romance language based</td>
</tr>
</tbody>
</table>

Landolt C and Lea Symbols

257900 Pocket Landolt ‘C’ and ‘Lea Symbols’ Card

Landolt C and Lea Numbers
Card includes Landolt ‘C’ on one side and Lea Numbers on the other side. Spacing is proportional. Line sizes 20/400, 20/320, 20/250, 20/200, 20/160, 20/125, 20/100, 20/80, 20/63, 20/50, 20/40, 20/32, 20/25, 20/20, 20/16, 12/12.5, and 20/10 (6/120 to 6/3 equivalent). 3.75 x 6.25 inches. CE.

273100 Pocket Landolt ‘C’ and ‘Lea Numbers’ Card

Landolt C and Sloan Letters

758300 Pocket Landolt ‘C’ and ‘Sloan Letter’ Card