

# Topcon (I-Map) Settings for MOONLENS

# Select File → choose "Open"

The screenshot displays the i-MAP software interface. At the top, there are tabs for "New" and "List", and a date/time indicator "25/02/2021 11:17" with a settings icon. The main interface is divided into several sections:

- Left Panel:** A search area for "Last Name" with a dropdown menu showing "Last Name" selected and "ID" as an alternative. Below the search bar, there are icons for refresh, sort (up/down arrows), and a calendar. A list of results shows "DEMO CA-800" highlighted in blue.
- Patient Details Panel:** A form containing fields for ID (DEMCA-20111111), Last Name (DEMO), First Name (CA-800), Date of Birth (11/11/2011), and Gender (Male/Female). A date and time stamp "12/07/2019 08:37:55" is highlighted with a red oval.
- Right Panel:** Action buttons for "Open" (highlighted with a red oval), "Export", and "Delete". A "Download all" button is located below the list.
- Bottom Panel:** Two columns of visualizations labeled "OD" and "OS". Each column has a vertical menu with options: MAP, PUP, FLUO, MEIB, TMH, and TBT. The visualizations are circular heatmaps overlaid on grayscale fundus images.

At the bottom left, there is a user profile icon and a page indicator "Page 1 / 1". At the bottom right, there is an "Action" button.

Select "I" box above map  
Then click white arrow in the "Asphericity" section

The screenshot shows the i-MAP software interface. At the top, there are tabs for 'Main', 'Measurements', and 'Lenses'. Below these, there are fields for 'OD' (ID: DEMCA-20111111) DEMO CA-800 11/11/2011 and a timestamp '12/07/2019 08:37:55'. On the left side, there is a vertical menu with buttons for 'MAP', 'OD/OS', 'ZER', 'HEIGHT', 'COMP', 'PUP', 'FLUO', 'WTW', 'MEIB', 'TMH', and 'TBT'. The 'MAP' button is highlighted. In the center, there are buttons for 'K', 'I', 'AK', and 'P'. The 'I' button is highlighted with a red circle. To the right of these buttons are 'Map', 'Prof', and '3D' buttons. The main display area shows a topographic map of the cornea with a color scale on the left ranging from 7.40 to 8.50 mm. The 'Asphericity' section is highlighted with a red circle, and a white arrow points to the 'e = 0.36' value. Below this, there are sections for 'Spherical Aberr.' (LSA = 0.78 D), 'Curvature Irreg.' (SD = 0.41 D), and 'Asymmetry' (42.39 @ 83°, 42.53 @ 263°, SAI = 0.18 D). On the right side, there is a 'SCALE' section with 'Absolute' and 'Normalized' buttons, and a 'Step 0.05' control. Below that is a 'MAP' section with 'Axial' and 'Tangential' buttons. At the bottom right, there is a 'DISPLAY' section with a 'Display' button. At the bottom of the main display area, there are fields for 'mm', 'r', 'φ', and 'z'.

# Principle Meridian Asphericity at 8mm shows Ro and Eccentricity (e) for both the Flat (listed first) and Steep Meridians

The screenshot displays the i-MAP software interface with the following data:

**Navigation:** Main | Measurements | Lenses

**Patient/Session Info:** OD (ID: DEMCA-2011111) DEMO CA-800 11/11/2011 | 12/07/2019 08:37:55 | OS

**Left Sidebar (Measurement Modes):** MAP, OD/OS, ZER, HEIGHT, COMP, PUP, FLUO, WTW, MEIB, TMH, TBT

**Top Panel (Measurement Type):** K | **I** | AK | P | Map | Prof | 3D

**Left Panel (K-INDEXES):**

- Astigmatism 3mm: -1.01D ax174°
- 5 mm: -1.05D ax177°
- APP  $\varnothing$  4.5mm
- P = 42.46 D
- Asphericity: **e = 0.36**
- Spherical Aberr. LSA = 0.78 D
- Curvature Irreg. SD = 0.41 D
- Asymmetry: 42.39 @ 83°, 42.53 @ 263°, SAI = 0.18 D

**Asphericity Section (Highlighted):**

Principal meridian asphericity (8mm)			Principal meridian asphericity (4.5mm)		
Ro	e	Angle	Ro	e	Angle
7.98 mm	0.42	@ 176°	7.98 mm	0.48	@ 176°
7.84 mm	0.32	@ 86°	7.89 mm	0.00	@ 86°
7.91 mm	0.37	Average	7.94 mm	0.24	Average

**Peripheral degrees (4.5mm):**

- Pupillar surface asphericity (4.5mm): e = 0.36
- Curvature irregularity: SD = 0.41 D

**Right Panel (SCALE):** Absolute | Normalized | Step 0.05

**Right Panel (MAP):** Axial | Tangential

**Right Panel (DISPLAY):** Display

**Bottom Panel:** mm ---- r ----  $\vartheta$  ---- z ----