



## Tears of Elune

by Arya "Aurochsen of Illidan" Akhavan (November 2013)

Angles for R.I. = 1.580

58 + 12 girdles = 70 facets

1-fold, mirror-image symmetry

96 index

L/W = 1.556 T/W = 0.489 U/W = 0.285

P/W = 0.447 C/W = 0.168

Vol./W<sup>3</sup> = 0.278

### PAVILION

P1	41.63°	21-27-69-75	Cut to centerpoint (21-27-69-75)
P2	42.07°	25-71	Meet at culet.
P3	41.03°	20-76	Meet at culet.
G1	90.00°	21-75	Set stone size.
G2	90.00°	27-69	Meet P1, P2, G1
G3	90.00°	16-80	Meet P1, P3, G1
P4	41.63°	16-80	Level girdle.
P5	41.30°	10-86	Meet P3, P4
P6	41.00°	03-93	Meet P3, P4, P5
P7	43.62°	27-69	Level girdle.
P8	43.43°	28-68	Meet P1, P2, P7
P9	43.03°	33-63	Meet P1, P8
G4	90.00°	10-86	Level girdle.
G5	90.00°	03-93	Level girdle.
G6	90.00°	32-64	Meet G2, P7, P8
P10	63.93°	32-64	Level girdle.

### CROWN

C1	28.68°	03-93	Set girdle width.
C2	28.68°	10-86	Level girdle.
C3	28.68°	16-80	Level girdle.
C4	33.25°	21-75	Level girdle.
C5	33.25°	27-69	Level girdle.
C6	38.00°	32-64	Level girdle.
C7	26.02°	96	Meet G5, C1
C8	25.90°	13-83	Meet G3, G4, C2, C3; C1, C2, C7
C9	27.15°	18-78	Meet G1, G3, C3, C4
C10	28.68°	33-63	Meet G6, C6
C11	15.87°	40-56	Meet G6, C6, C10
C12	19.83°	30-66	Meet C5, C6, C10
C13	20.76°	26-70	Meet C4, C5, C9; C5, C6, C10, C12
C14	20.25°	24-72	Meet C4, C5, C9, C13
C15	21.57°	14-82	Meet C1, C2, C7, C8; C3, C8, C9
C16	17.60°	09-87	Meet C1, C2, C7, C8, C15
C17	10.83°	03-93	Meet C7, C16
C18	13.16°	35-61	Meet C10, C11, C12
T	0.00°	Table	Meet C11, C18

This design uses the same girdle outline as my "Undine's Tears" design, but with an entirely different pavilion concept. It's one of the very few pear-shaped designs available that's properly shaped, and not fat or blobby.

Works in materials from beryl to high zircon (RI = 1.58 - 1.93) with no changes, but I prefer it in aquamarine.

Suggested length = 8-15 mm

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