



## Faith

Suite: The Stone-Like  
 by Arya Akhavan (June 2015)  
 Angles for R.I. = 1.540  
 44 + 12 girdles = 56 facets  
 4-fold, mirror-image symmetry  
 96 index  
 L/W = 1.000  
 P/W = 0.449 C/W = 0.247  
 Vol./W<sup>3</sup> = 0.253

### PAVILION

P1	42.00°	01-23-25-47- 49-71-73-95	Cut to centerpoint.
G1	90.00°	02-22-26-46- 50-70-74-94	Set stone size.
P2	44.00°	02-22-26-46- 50-70-74-94	Level girdle.
P3	43.22°	12-36-60-84	Meet P1, P2
G2	90.00°	12-36-60-84	Level girdle.

### CROWN

C1	36.00°	02-22-26-46- 50-70-74-94	Set girdle width.
C2	31.31°	12-36-60-84	Level girdle.
C3	32.03°	04-20-28-44- 52-68-76-92	Meet G1, G2, C1, C2
C4	15.00°	96-24-48-72	Meet C1, C3; C2, C3

I don't write a lot of apex crowns, but this simple apex design turned out very nicely. I have absolutely no idea how. It's fast and simple to cut, has an easy girdle outline to establish, and has a very interesting reflection pattern that changes dramatically as the RI increases. Works in materials from petalite to rutile (RI = 1.50 - 2.62) with no changes.

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