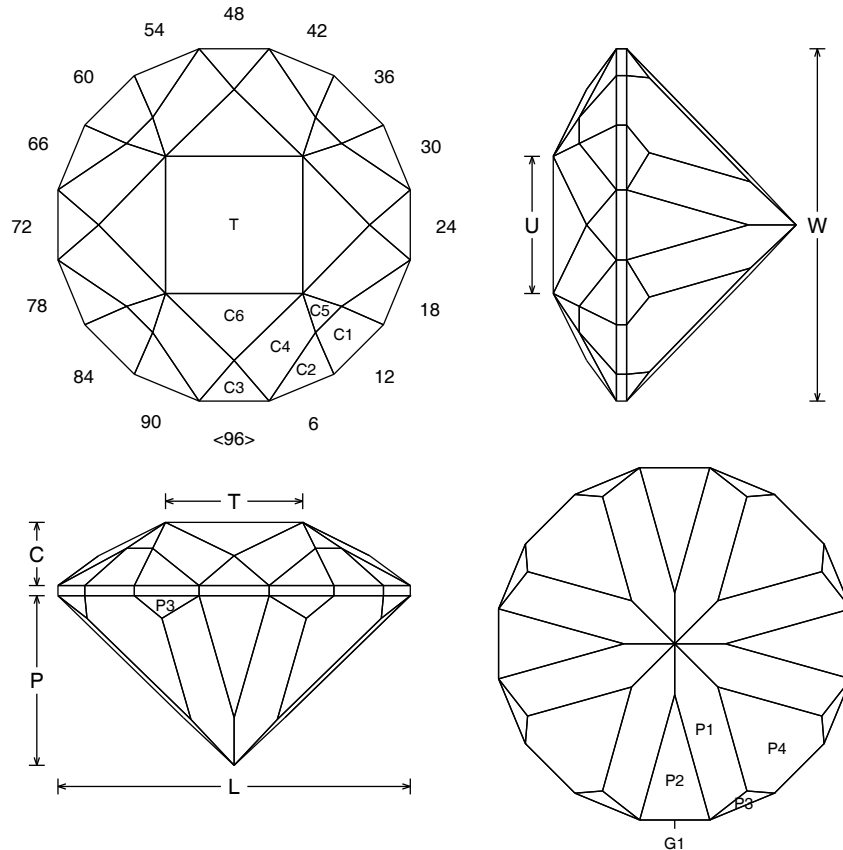


Offset 48

AIB061

Andrew Brown - June 2019

Design Information	
Pavilion facets	24
Girdle facets	16
Crown facets	32+1
Total facets	73
Index gear	96
Symmetry	4-fold mirror image
RI range	1.76 to 2.16
L/W = 1.000	T/W = 0.389
U/W = 0.389	P/W = 0.481
C/W = 0.179	V/W ³ = 0.242



Pavilion

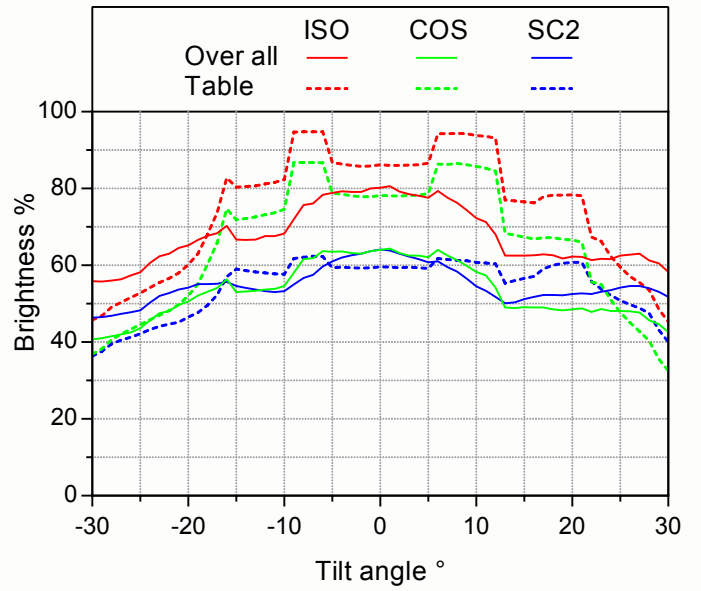
* A = RI 1.76 to 2.16

Facets	A	Index	Instructions
P1	43.42°	02-22-26-46-50-70-74-94	Form a TCP
G1	90.00°	96-06-12-18-24-30-36-42- 48-54-60-66-72-78-84-90	Set stone size
P2	44.21°	96-24-48-72	Establish a level girdle
P3	60.92°	06-18-30-42-54-66-78-90	Meet G1, P1, P2. Maintain a level girdle
P4	47.07°	12-36-60-84	Meet G1, P3

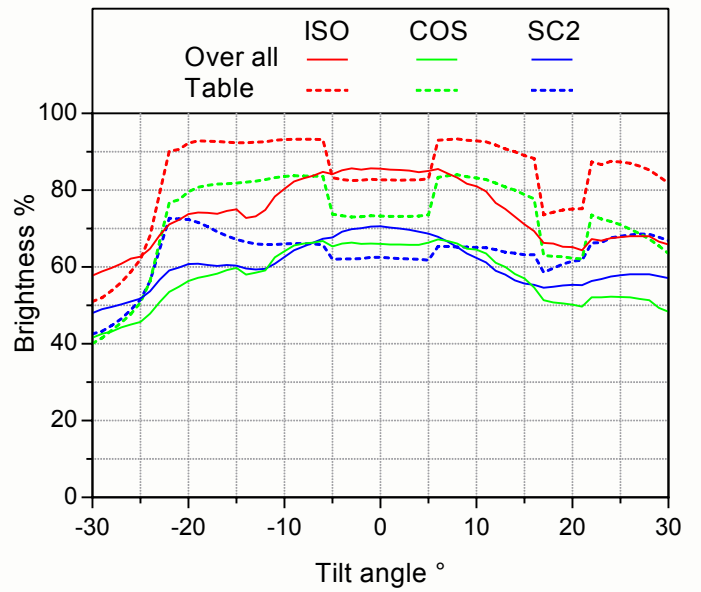
Crown

Facets	A	Index	Instructions
C1	41.16°	12-36-60-84	Establish girdle width
C2	39.17°	06-18-30-42-54-66-78-90	Meet G1, C1. Maintain girdle width
C3	36.27°	96-24-48-72	Meet G1, C2. Maintain girdle width
C4	32.56°	03-21-27-45-51-69-75-93	Meet G1, C2, C3
C5	35.37°	12-36-60-84	Meet C1, C2, C4
C6	26.50°	96-24-48-72	Meet C3, C4 & C4, C5
T	0.00°	Table	Meet C5, C6

RI = 1.76



RI = 1.90



RI = 2.16

