



Custom Cushion

by John Bailey, 2003

Angles for R.I. = 2.000

65 + 20 girdles = 85 facets

2-fold, mirror-image symmetry

96 index

$L/W = 1.211$ $T/W = 0.655$ $U/W = 0.432$

$P/W = 0.344$ $C/W = 0.175$

$Vol./W^3 = 0.282$

PAVILION

1	34.00°	02-46-50-94	CTP
G1	90.00°	96-48	Fix Width
2	34.50°	96-48	Meet 1 at culet
3	34.70°	03-45-51-93	Meet 2, G1
G2	90.00°	03-45-51-93	Meet 2, 3, G1
4	35.30°	06-42-54-90	Meet G2, 3
G3	90.00°	06-42-54-90	Meet G2, 3, 4
5	38.30°	13-35-61-83	Meet G3, 4
6	39.10°	22-26-70-74	Meet 1, 3, 4
7	39.70°	21-27-69-75	Meet 4, 5, 6, and 4, 5, G4
G4	90.00°	13-35-61-83	Meet G3, 4, 5
G5	90.00°	21-27-69-75	Meet G4, 5, 7
G6	90.00°	24-72	Meet G5, 6, 7
8	41.00°	24-72	Meet G5, G6, 6, 7

CROWN

A	41.80°	24-72	Even girdle
B	38.00°	21-27-69-75	Even girdle
C	33.20°	13-35-61-83	Even girdle
D	34.00°	06-42-54-90	Even girdle
E	34.80°	03-45-51-93	Even girdle
F	38.20°	96-48	Even girdle
G	32.00°	04-44-52-92	Meet D, E, girdle
H	30.00°	17-31-65-79	Meet B, C, girdle
J	19.00°	24-72	Meet A, B
K	20.00°	09-39-57-87	Meet C, D, G, H
L	24.00°	96-48	Meet E, F, G
T	0.00°	Table	

Angles for RI=2. This stone was custom-designed to fit an existing setting of shallow depth and odd size. Hence, the odd specifications. Original material was Jewel-Lite (RI ~ 2).

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