



Square Brilliant Two

by John Bailey, 12/31/2002

Angles for R.I. = 1.540

57 + 8 girdles = 65 facets

4-fold, mirror-image symmetry

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$L/W = 1.000$ $T/W = 0.423$ $U/W = 0.423$

$P/W = 0.541$ $C/W = 0.268$

$Vol./W^3 = 0.376$

PAVILION

1	43.10°	96-06-12-18-24-30-36-42-48-54-60-66-72-78-84-90	16 fold, cut to point.
G1	90.00°	96-24-48-72	Set size, meet edges of #1.
G2	90.00°	12-36-60-84	Complete girdle, meet G1, 1.
2	42.00°	09-15-33-39-57-63-81-87	Meet at G1, G2, 1.
3	64.60°	96-24-48-72	

CROWN

A	65.00°	96-24-48-72	Set girdle width.
B	46.00°	12-36-60-84	Cut even girdle.
C	41.00°	09-15-33-39-57-63-81-87	Meet at A, B, girdle.
D	35.00°	04-20-28-44-52-68-76-92	Meet with C 1/2 way from B to center.
T	0.00°	Table	Meet B, C.
E	26.39°	96-24-48-72	Adjust to meet A-D and C-D-table.

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