



Square Dance

by Roland Arajs

Gemology Online Faceting Design Competition 2014

Maximize Entry 3

Angles for R.I. = 1.720

29 + 4 girdles = 33 facets

2-fold radial symmetry

96 index

$L/W = 1.000$ $T/W = 0.500$ $U/W = 0.500$

$P/W = 0.606$ $C/W = 0.173$

$Vol./W^3 = 0.347$

PAVILION

- P1 42.15° 07-17-31-41-55-65-79-89 Cut to centerpoint.
- G1 90.00° 96-24-48-72 Set stone size.
- P2 53.12° 96-24-48-72 Level girdle.

CROWN

- C1 47.17° 96-24-48-72 Set girdle width.
- C2 30.28° 02-26-50-74 Meet G1, C1
- C3 23.29° 02-26-50-74 Meet C1, C2
- C4 9.36° 08-32-56-80 Meet C1, C2, C3
- T 0.00° Table Meet C3, C4

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