



AIDA

Design by JOHN WREN, Mt Waverley, Vic (Copyright)

FT100 Design Competition 2nd Choice

Computer work by John Wren

Angles for R.I. = 1.540

121 + 8 girdles = 129 facets

8-fold, mirror-image symmetry

96 index

L/W = 1.000 T/W = 0.530 U/W = 0.530

P/W = 0.474 C/W = 0.211

Vol./W³ = 0.279

PAVILION

1	56.40°	96-12-24-36-48-60-72-84	Cut to TCP
2	90.00°	96-12-24-36-48-60-72-84	Establish stone size & level girdle
3	42.10°	04-08-16-20-28-32-40-44-52-56-64-68-76-80-88-92	Meet 1, 1, 2, 2, & create new TCP
4	46.20°	01-11-13-23-25-35-37-47-49-59-61-71-73-83-85-95	Meet 1, 1, 2, 2, 3, 3
5	40.50°	03-09-15-21-27-33-39-45-51-57-63-69-75-81-87-93	Meet 3, 3, 4, 4 & create PCP
6	41.00°	05-07-17-19-29-31-41-43-53-55-65-67-77-79-89-91	Meet 5 at PCP

CROWN

a	55.40°	96-12-24-36-48-60-72-84	Establish girdle thickness & level
b	42.90°	03-09-15-21-27-33-39-45-51-57-63-69-75-81-87-93	Meet a, a, 2, 2
c	35.00°	96-12-24-36-48-60-72-84	Meet a, b, b
d	30.10°	96-12-24-36-48-60-72-84	Meet b, b, c, c
e	17.10°	06-18-30-42-54-66-78-90	Meet b, b, c, c, d, d
T	0.00°	Table	Meet d, e, e