



Spectrum Sunset

by John Bailey, 2007

Angles for R.I. = 1.540

81 + 16 girdles = 97 facets

2-fold, mirror-image symmetry

96 index

$L/W = 1.505$ $T/W = 0.717$ $U/W = 0.413$

$P/W = 0.522$ $C/W = 0.180$

$Vol./W^3 = 0.467$

PAVILION

G1	90.00°	21-27-69-75	from Preform
G2	90.00°	12-36-60-84	from Preform
G3	90.00°	05-43-53-91	from Preform
G4	90.00°	01-47-49-95	from Preform
1	55.20°	01-47-49-95	Locate Girdle
2	56.40°	05-43-53-91	Even Girdle
3	63.20°	12-36-60-84	Even Girdle
4	57.00°	21-27-69-75	Even Girdle
5	49.10°	03-45-51-93	Meet 1, 2, Girdle
6	54.20°	17-31-65-79	Meet 3,4, Girdle
7	43.00°	02-46-50-94	Meet 1, 5
8	43.00°	04-44-52-92	Meet 2, 3, 6 and 4, 6
9	42.00°	03-45-51-93	Meet 5, 7, 8
10	41.90°	96-48	Meet 1, 5, 7 and 7, 9

CROWN

A	42.50°	01-47-49-95	Set Girdle width
B	42.00°	05-43-53-91	Even Girdle
C	41.60°	12-36-60-84	
D	37.20°	21-27-69-75	Even Girdle
E	35.60°	03-45-51-93	Meet A, B, Girdle
F	30.00°	17-31-65-79	Meet C, D, Girdle
G	26.40°	03-45-51-93	Meet A, E and B, C, E
H	19.50°	17-31-65-79	Meet B, C, F and D, F
J	22.20°	01-47-49-95	Meet A, E, G
K	16.20°	12-36-60-84	Meet B, C, E, F
T	0.00°	Table	Meet G, J, K
L	16.10°	24-72	Meet D, F, H and H, K, T

COS = 57.3

World-Record-sized Red Faceted Sunstone

Use SpectrumSunsetPreform

E:\Dvue2\SpectrumSunset.gem