



Sirius Alt by Wayne Emery

from Paul C. Smith Sirius
 Angles for R.I. = 1.540
 54 + 12 girdles = 66 facets
 6-fold mirror-image symmetry
 96 index
 $L/W = 1.036$
 $P/W = 0.414$ $C/W = 0.181$
 $Vol./W^3 = 0.202$

Pavilion

1	42.36	03-13-19-29-35-45-51-61-67-77-83-93	TCP
G	90.00	03-13-19-29-35-45-51-61-67-77-83-93	set stone size
2	39.63	96-16-32-48-64-80	GMP G, 1, 1, G set PCP
3	39.13	04-12-20-28-36-44-52-60-68-76-84-92	cut to PCP

Crown

a	37.94	03-13-19-29-35-45-51-61-67-77-83-93	set girdle width and level girdle
b	33.19	96-16-32-48-64-80	GMP G, a, a, G
c	7.37	96-16-32-48-64-80	MP b, a, a, b

intended for lower RI and edited by Dennis Anderson
 in GemRayWin to improve light return.