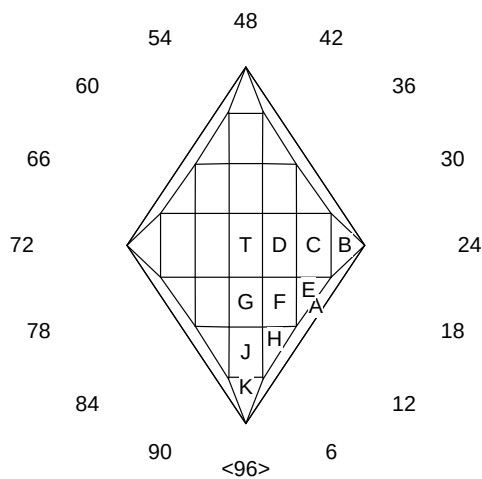


Laura's Luminescence

by John Bailey, 2019

Angles for R.I. = 1.720

41 + 4 girdles = 45 facets

2-fold, mirror-image symmetry

96 index

$L/W = 1.497$ $T/W = 0.268$ $U/W = 0.140$

$P/W = 0.472$ $C/W = 0.149$

$Vol./W^3 = 0.224$

PAVILION

Girdle	90.00°	15-33-63-81	Calibrate size
1	65.00°	15-33-63-81	Locate Girdle
2	44.90°	19-29-67-77	Meet 1, Girdle
3	38.50°	10-38-58-86	Meet 1, Girdle & Culet

CROWN

A	53.00°	15-33-63-81	Set Girdle width
B	22.00°	24-72	Meet A, Girdle
C	18.90°	24-72	Reduce B to 1/7th width
D	16.50°	24-72	Reduce C to 1/7th, equal to B
T	0.00°	Table	Make B, C, D, T approx equal
E	21.60°	16-32-64-80	Meet A, B, C
F	19.60°	15-33-63-81	Meet C, D, E
G	11.20°	96-48	Meet D, F, T
H	20.50°	14-34-62-82	Meet A, E, F
J	12.90°	96-48	Meet F, G, H
K	17.00°	96-48	Meet A, H, J and A, Girdle

Good for darker materials 1.72 and up

E:\GEMCAD\LaurasLuminescence.gem