

Spotlights

Loren Brown, RSA Gems (c) 2019

Angles for R.I. = 1.580

225 + 8 girdles = 233 facets

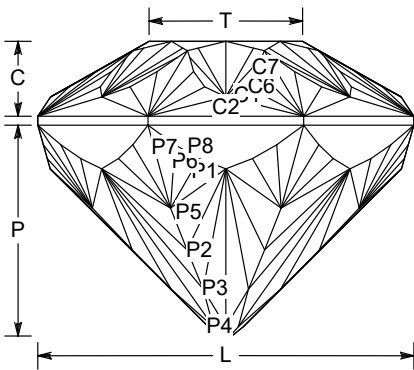
8-fold, mirror-image symmetry

96 index

L/W = 1.000 T/W = 0.408 U/W = 0.408

P/W = 0.559 C/W = 0.199

Vol./W³ = 0.310



PAVILION

	90.00°	96-12-24-36-48-60-72-84	
P1	52.00°	03-09-15-21-27-33-39-45-51-57-63-69-75-81-87-93	cut to meet each other at girdle +/- 1/2 index from main
P2	45.00°	00.5-11.5-12.5-23.5-24.5-35.5-36.5-47.5-48.5-59.5-60.5-71.5-72.5-83.5-84.5-95.5	
P3	44.90°	00.3-11.8-12.3-23.8-24.3-35.8-36.3-47.7-48.2-59.8-60.3-71.7-72.3-83.8-84.3-95.7	+/- 1/4 index from main
P4	41.00°	06-18-30-42-54-66-78-90	meet P2, P3, cut to CP
P5	45.50°	01-11-13-23-25-35-37-47-49-59-61-71-73-83-85-95	meet P1, P2, P3
P6	53.83°	04-08-16-20-28-32-40-44-52-56-64-68-76-80-88-92	meet P1, P5
P7	54.55°	05-07-17-19-29-31-41-43-53-55-65-67-77-79-89-91	meet P1, P5, P6
P8	74.15°	96-12-24-36-48-60-72-84	level girdle

CROWN

C1	35.00°	03-09-15-21-27-33-39-45-51-57-63-69-75-81-87-93	meet at girdle
C2	56.67°	96-12-24-36-48-60-72-84	level girdle
C3	29.98°	01-11-13-23-25-35-37-47-49-59-61-71-73-83-85-95	
C4	29.51°	00.5-11.5-12.5-23.5-24.5-35.5-36.5-47.5-48.5-59.5-60.5-71.5-72.5-83.5-84.5-95.5	+/- 1/2 from main
C5	29.37°	00.3-11.7-12.3-23.8-24.2-35.8-36.3-47.8-48.2-59.7-60.3-71.8-72.3-83.7-84.2-95.7	+/- 1/4 from main
C6	33.07°	04-08-16-20-28-32-40-44-52-56-64-68-76-80-88-92	meet at girdle
C7	32.42°	05-07-17-19-29-31-41-43-53-55-65-67-77-79-89-91	meet at girdle
T	0.00°	Table	
C8	17.71°	06-18-30-42-54-66-78-90	stars meet C7, C4

Hard to cut, requires very large stone > 20 mm

C:\Users\Loren Brown\Documents\Rounds\Spotlights.gem