

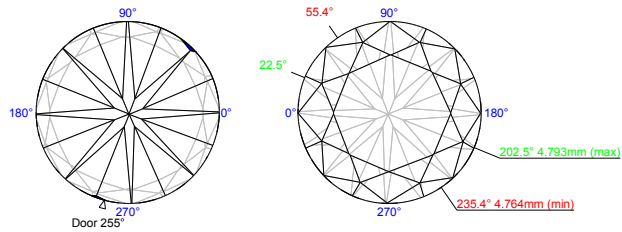
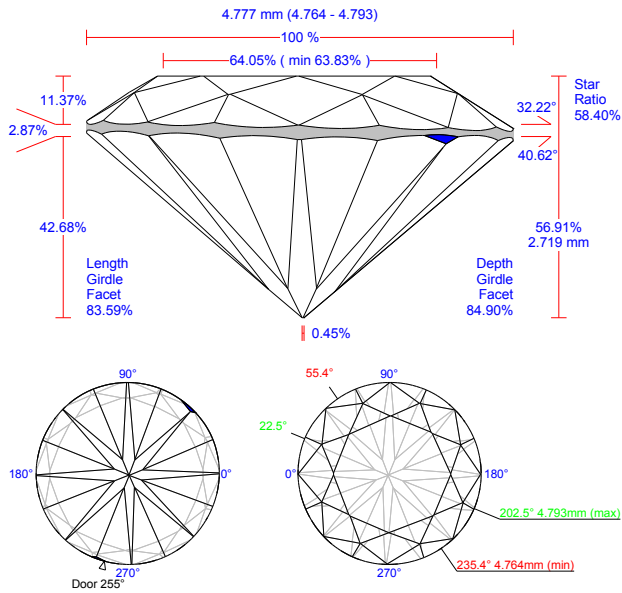
ILLUSTRATED REPORT FOR BRILLIANT

Polished Brilliant 04.09.2011

Model Simple
 Expert name N/A.
 Real weight, ct
 Calculated weight, ct 0.37, 0.3749
 Measurements 4.777 (4.764 - 4.793) x 2.719 /0.018 mm
 Spread 0.03 ct, 6.98 %
 AGS Spread 0.03 ct, 6.85 %
 Extra Facet Girdle / Nat Yes (2)

Width	Length	Ratio (L/W)	Diameter Minimum	Diameter Maximum	Diameter Average	Total height
4.764 mm	4.793 mm	1.006	4.764 mm	4.793 mm	4.777 mm	2.719 mm

Crown height	Pavilion height	Table	Culet	Girdle height		
				Bezel	Bone	Valley
0.543 mm	2.039 mm	3.060 mm	0.022 mm	0.137 mm	0.163 mm	0.073 mm



Appraiser title N/A
 Overall cut quality N/A
 Symmetry appraiser title N/A
 Overall symmetry quality FR
 Model building info The model is built correctly

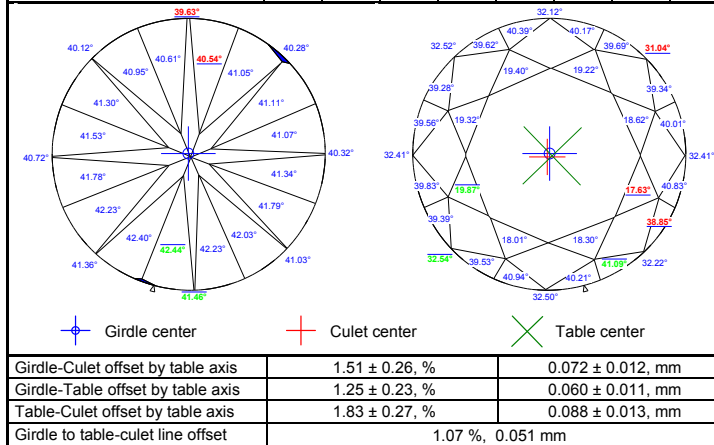
Color	
Clarity	
Polish	
Fluorescence	

Parameter	Avg	Min	Max	Dev	Cut	Sym
Diameter,mm	4.777	4.764	4.793	0.62%	N/A	VG
Radius,mm	2.388	2.373	2.408	0.73%		
Crown angle,°	32.22	31.04	32.54	1.50	N/A	GD
Pavilion angle,°	40.62	39.63	41.46	1.83	N/A	GD
Total height,%	56.91				N/A	
Crown height,%	11.37	10.64	12.35	1.71	N/A	GD
Crown height bone,%	10.94	9.39	11.98	2.58		
Pavilion height,%	42.68	41.68	43.74	2.06		
Pavilion upperbone,%	42.56	41.73	43.74	2.01		
Table,%	64.05	63.83	64.15	0.31	N/A	EX
Culet,%	0.45	0.28	0.57	0.28	N/A	EX
Girdle height bezel,%	2.87	2.52	3.38	0.87	N/A	VG
Girdle height bone,%	3.42	3.10	3.78	0.69		EX
Girdle height valley,%	1.54	1.16	1.99	0.83	N/A	EX
Star: Upper ratio,%	58.40: 41.60	53.99: 46.01	63.17: 36.83	9.19	N/A	FR
Star angle,°	18.80	17.63	19.87	2.24		VG
Upper girdle angle,°	39.92	38.85	41.09	2.24		VG
Length girdle facet,%	83.59	81.72	85.29	3.57	N/A	VG
Lower girdle angle / Halves angle,°	41.53	40.54	42.44	1.90		VG
Twist,°	1.42	0.03	3.96	3.93	FR	
Crown height,mm	0.543	0.508	0.590	0.082	N/A	GD
Pavilion height,mm	2.039	1.991	2.090	0.098		
Table,mm	3.060	3.049	3.064	0.015	N/A	EX
Culet,mm	0.022	0.013	0.027	0.014	N/A	EX
Girdle height bezel,mm	0.137	0.120	0.162	0.041	N/A	VG

Measurement as per OctoNus theory:

Crown angle,°	32.22	31.79	32.41	0.62		
Pavilion angle,°	40.62	40.52	40.82	0.30		
Fish eye effect,°			3.36		N/A	
Culet through Crown Bezel,°			25.29		N/A	

Parameter,°	1	2	3	4	5	6	7	8
Pav. azimuths dev. from ideal	0.00	0.13	0.11	1.58	1.65	0.28	0.15	0.04
Crown azimuths dev. from ideal	0.03	0.79	-0.37	-0.43	-2.31	1.22	0.06	3.20
Crown painting	-1.38	-1.47	-2.06	-0.47	-1.06	-1.14	-0.83	-2.93
Pavilion painting	-0.14	-2.05	-1.43	-0.78	0.98	-0.25	0.32	0.02
	-0.33	-1.32	1.04	-0.56	0.14	-0.37	-0.17	0.14



Girdle-Culet offset by table axis	1.51 ± 0.26, %	0.072 ± 0.012, mm
Girdle-Table offset by table axis	1.25 ± 0.23, %	0.060 ± 0.011, mm
Table-Culet offset by table axis	1.83 ± 0.27, %	0.088 ± 0.013, mm
Girdle to table-culet line offset	1.07 %, 0.051 mm	

1	2	3	4	5	6	7	8
4.783	4.772	4.775	4.775				
2.397	2.380	2.374	2.374	2.385	2.392	2.400	2.400
32.41	32.52	32.12	31.04	32.41	32.22	32.50	32.54
40.32	40.28	39.63	40.12	40.72	41.36	41.46	41.03
12.35	12.13	11.54	10.83	10.64	10.64	11.17	11.64
11.98	11.61	10.97	10.46	9.39	10.50	10.72	11.88
41.68	42.27	41.99	42.89	43.55	43.74	43.08	42.20
41.73	41.77	42.31	43.25	43.74	43.32	42.61	41.74
64.06	64.15	64.14	63.83				
2.88	2.52	3.38	3.19	2.72	2.53	2.66	3.08
3.21	3.53	3.63	3.21	3.78	3.10	3.59	3.29
1.43	1.16	1.38	1.99	1.96	1.77	1.69	1.35
1.65	1.32	1.25	1.19	1.44	1.72	1.74	1.55
54.63: 45.37	58.01: 41.99	60.57: 39.43	58.80: 41.20	63.17: 36.83	60.19: 39.81	57.86: 42.14	53.99: 46.01
19.32	19.40	19.22	18.62	17.63	18.30	18.01	19.87
39.56	39.28	39.62	40.39	40.17	39.69	39.34	40.01
40.83	38.85	41.09	40.21	40.94	39.53	39.39	39.83
84.20	83.68	82.58	81.72	82.26	81.83	82.90	83.00
82.59	83.25	84.17	85.29	85.20	84.57	85.06	85.10
41.07	41.11	41.05	40.54	40.61	40.95	41.30	41.53
41.78	42.23	42.40	42.44	42.23	42.03	41.79	41.34
0.03	0.66	0.48	2.01	3.96	0.94	0.09	3.15
0.590	0.579	0.551	0.517	0.508	0.508	0.534	0.556
1.991	2.019	2.006	2.049	2.081	2.090	2.058	2.016
3.060	3.064	3.064	3.049				
0.138	0.120	0.162	0.153	0.130	0.121	0.127	0.147

32.41	32.37	32.31	31.79				
40.52	40.82	40.55	40.58				
MIC,mm		4.746				Extra Facet Crown	No
Girdle to MIC,mm		0.018				Extra Facet Pavilion	No

Paint / Dug	Avg	Type	Sym	Dev	Sym
Crown,°	-1.56	Painting	EX	-4.23	EX
Crown,notch.	0.4, Small			1.1	
Pavilion,°	-0.30		EX	-2.05	EX
Pavilion,notch.	0.1, Negligible			0.5	

