

Gems & Gemology Data Depository: Summary of viewing hemispheres developed during research of the brightness metric.

Dome configuration^a	Dome colors	Viewing hole position^b	Total number of observations
0–65° black	Black and white	90°	75
0–60° black	Black and white	90°	75
0–55° black	Black and white	90°	75
Checked, 6° black and white	Black and white	90°	15
Checked, 12° black and white	Black and white	90°	15
Checked, 6° black and white	Black and white	90°	15
Checked, 12° black and white	Black and white	90°	15
20° eye-hole, 50–90° black	Black and white	90°	45
20° eye-hole, 50–90° black	Black and white	90°	984
20° eye-hole, 0–50° black	Black and white	75°	45
20° eye-hole, 0–50° black	Black and white	75°	216
All white	White	90°	35
All white	White	90°	756
82.5–90° black	Black and white	90°	35
82.5–90° black	Black and white	90°	35
82.5–90° black	Black and white	75°	20
82.5–90° black	Black and white	75°	20
82.5–90° black	Black and white	60°	20
82.5–90° black	Black and white	60°	20
82.5–90° black	Black and white	45°	20
82.5–90° black	Black and white	45°	20
15° arc at 75° black	Black and white	75°	15
15° arc at 75° black	Black and white	75°	15
15° black arc at 60°	Black and white	60°	15
15° black arc at 60°	Black and white	60°	15
15° black arc at 45°	Black and white	45°	15
15° black arc at 45°	Black and white	45°	15
"Eye" dome	Gray and white	75°	15
"Eye" dome	Gray and white	90°	15
All black	Black	90°	20
All black	Black	90°	20
Small dome, 50–90° black	Black and white	90°	15
Medium dome, 50–90° black	Black and white	90°	15
0–65° gray	Gray and white	90°	15
0–60° gray	Gray and white	90°	15
0–55° gray	Gray and white	90°	15
0–65° speckled gray	White and speckled gray	90°	15
0–60° speckled gray	White and speckled gray	90°	15

Dome configuration ^a	Dome colors	Viewing hole position ^b	Total number of observations
0–55° speckled gray	White and speckled gray	90°	3
70–90° gray	Gray and white	90°	20
70–90° black	Black and white	90°	20
65–90° gray	Gray and white	90°	20
65–90° black	Black and white	90°	20
75–90° black	Black and white	90°	20
75–90° black	Black and white	90°	1,976
72.5–90° black	Black and white	90°	20
67.5–90° black	Black and white	90°	20
75–90° black	Black and white	90°	20
75–90° black	Black and white	90°	710
72.5–90° black	Black and white	90°	20
72.5–90° black	Black and white	90°	1,008
77.5–90° black	Black and white	90°	20
87.5–90° black	Black and white	90°	20
70–90° black	Black and white	90°	20
70–90° black	Black and white	90°	20
70–90° black	Black and white	90°	150
67.5–90° black	Black and white	90°	150
67.5–90° black	Black and white	90°	5,140
65–90° black	Black and white	90°	150
45–90° black	Black and white	90°	150
72.5–90° black	Black and white	90°	150
75–90° black	Black and white	90°	80
0–23° black	Black and white	90°	5,095

^a Angles are considered to be from the azimuth of the dome (directly over the center of the diamond table) to the horizon.

^b Angles are considered to be from the horizon of the dome (e.g., 90° is directly over the diamond table).