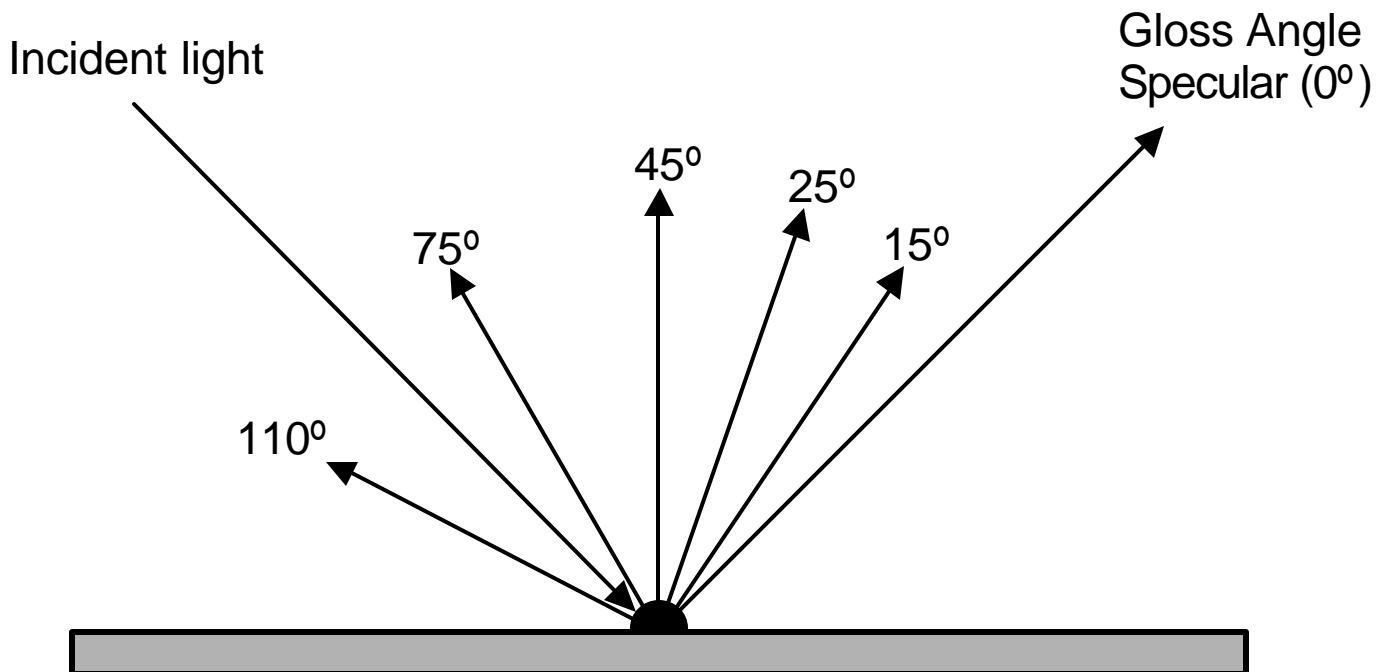


Illustration of MA68 Angles

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Illustration of MA68 Angles

The MA68's "angles" are as illustrated below. Note that the lamp illuminates the surface from an angle of 45° ; this is the Incident light. The specular, or gloss angle is also 45° from the surface. Optical pickups are located away from the specular at angles of 15° , 25° , 45° , 75° , and 110° . The higher a surface's gloss, the darker and less saturated it will appear as the angle increases.



To view color as the MA68 does, proceed as follows: [1] Hold the surface such that gloss is in your eyes; ie., you see the reflection of the ambient light source. [2] Rotate the part slowly until gloss begins to fade -- you are now near the 15° angle (near gloss). [3] As you continue to rotate the part away from the gloss, the angle increases. The important concept to understand is that MA68's angles are RELATIVE to GLOSS! Start with gloss & move progressively away to increase angle. The 15° and 110° angles are extreme. 15° is extremely close to gloss and 110° is extremely far away.