Illustration of MA68 Angles

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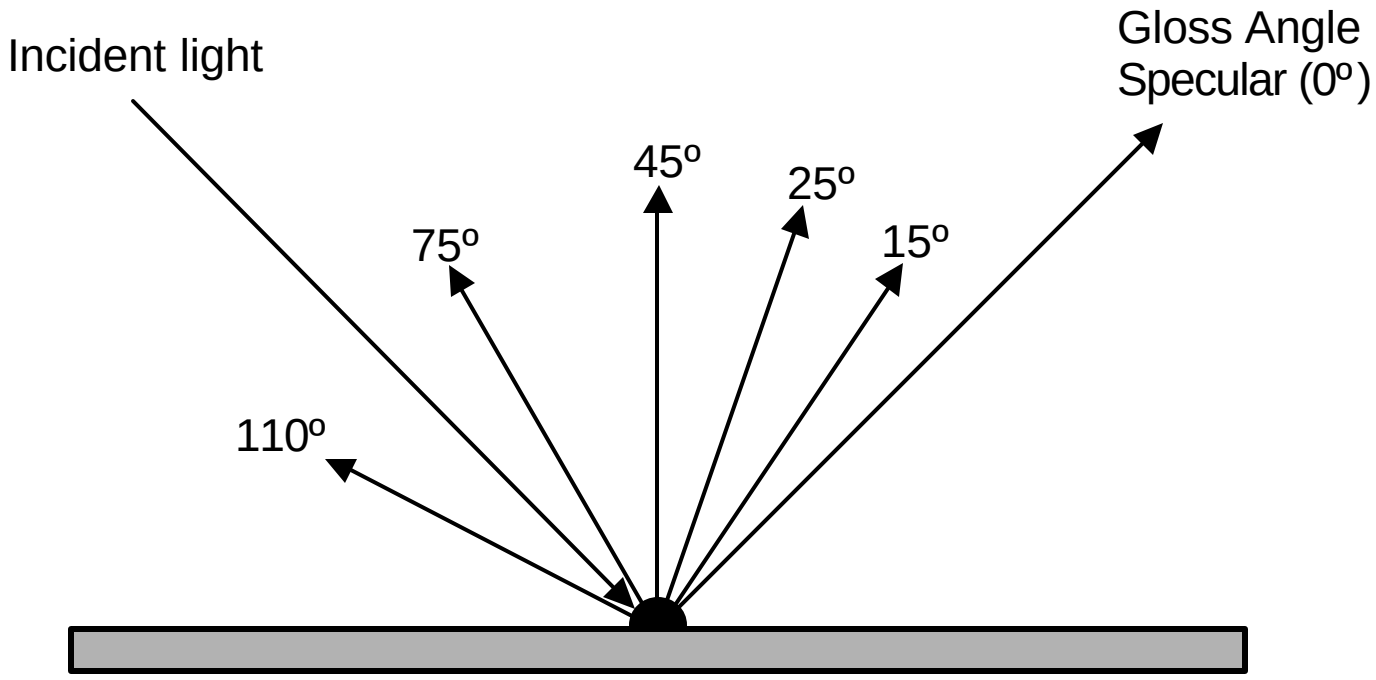
Illustration of MA68 Angles

The MA68's "angles" are as illustrated below. Note that the lamp illuminates the surface from an angle of 45º; this is the Incident light. The specular, or gloss angle is also 45º from the surface. Optical pickups are located away from the specular at angles of 15º, 25º, 45º, 75º, and 110º. 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 15º 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 15º and 110º angles are extreme. 15º is extremely close to gloss and 110º is extremely far away.

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