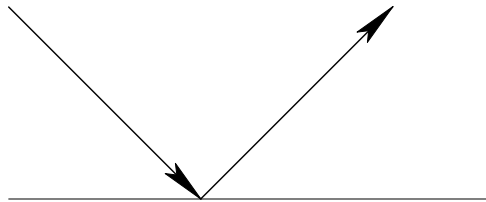
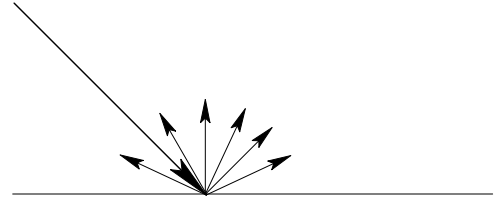


Specular, Diffuse, Bright Field & Dark Field Lighting Concepts

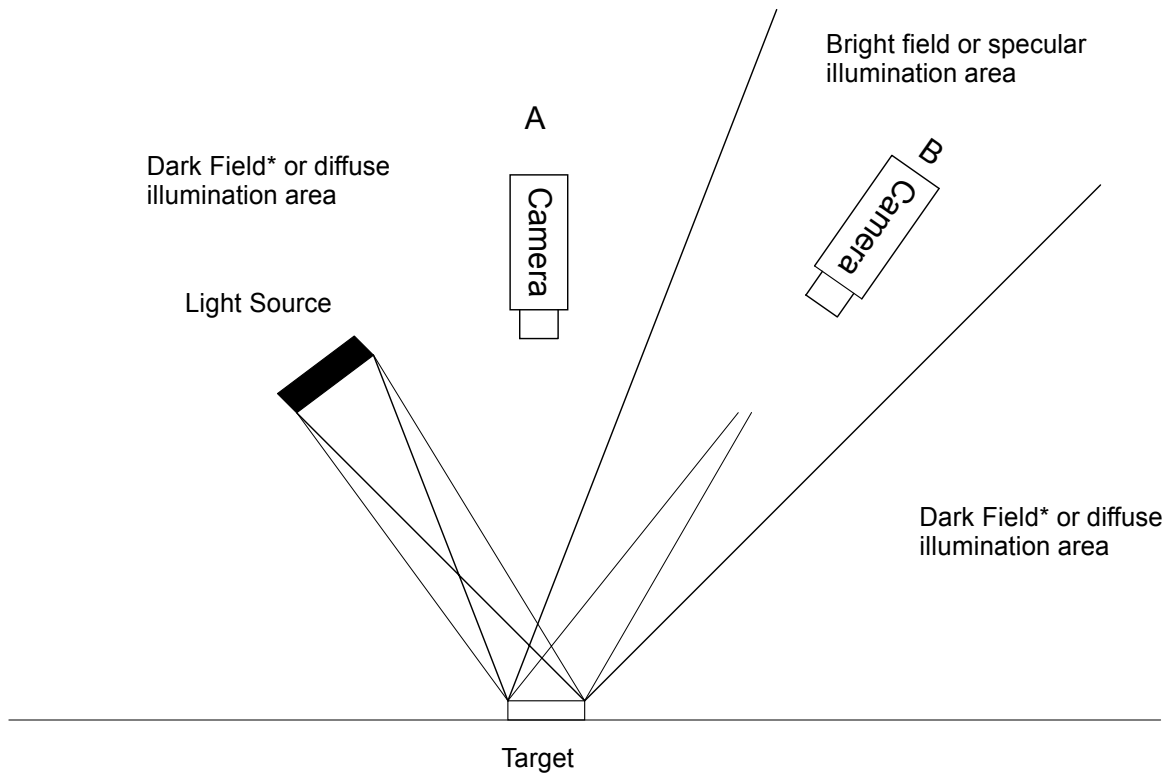
Training Session Handout



Specular Reflection



Diffuse Reflection



Camera in position "A" avoids glare and sees features which are differentiated by lightness/darkness/color.

*Technically this is the dark field area, although a common meaning of the term "dark field" would refer to a angle of incidence of the illumination that is lower, so low that surface defects cast shadows. Not to be confused "Dark Field" as a name for light source types

Camera in Position "B" sees glare. May be useful for seeing defects (scratches, dents) etc. which deform the surface but don't change the lightness/darkness/color.

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