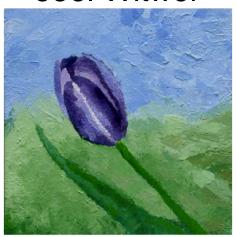
Technical Report

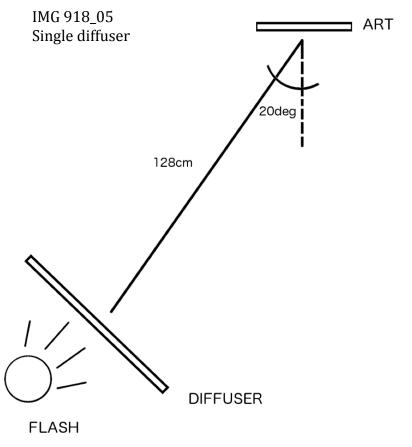
Lighting Evaluation for Aesthetic Imaging

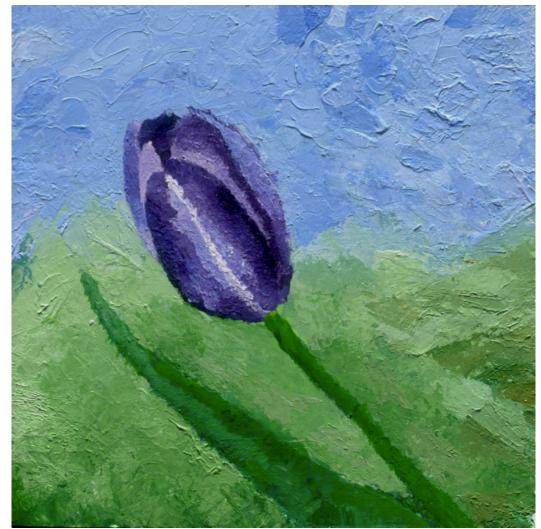
Joel Witwer

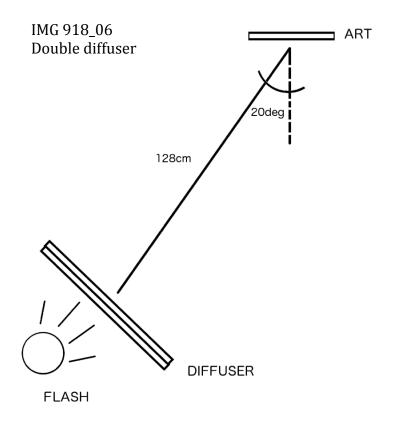


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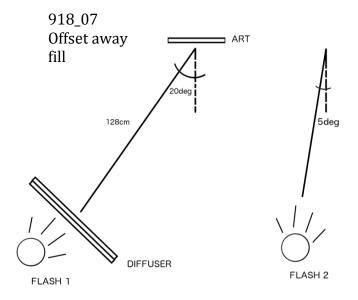




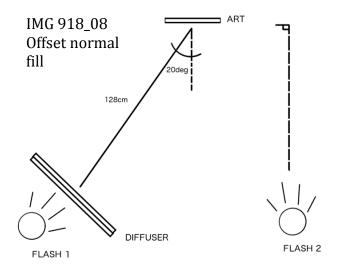


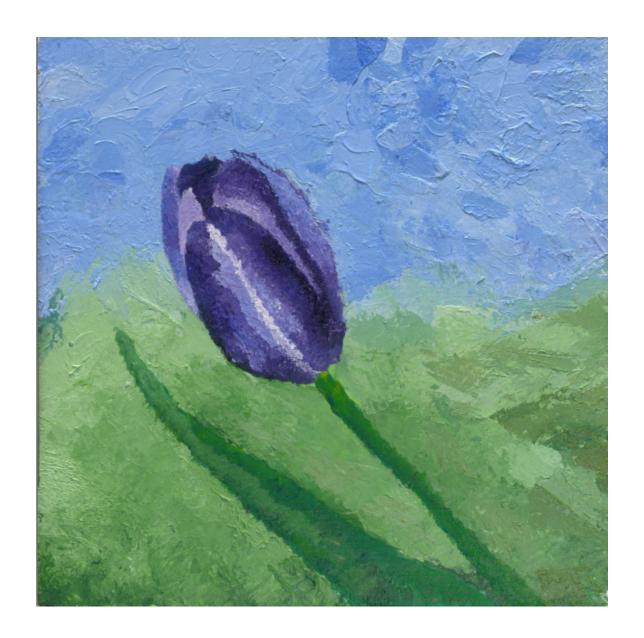


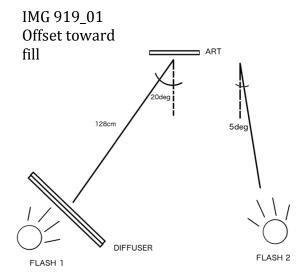














Single vs. Double Diffusion Comparison



IMG 918_05 (single diffuser)

IMG 918_06 (double diffuser)

Fill Light Comparison



CONCLUSION: Using a fill light pointed slightly away from the art work does little to improve the shadows over the images captured with no fill light. When the fill light is pointed slightly towards the art work, the image is flattened and the viewer's perception of texture is greatly reduced. Having the fill light offset from the art work and oriented perpendicular to the plane in which the art work sits preserves the viewer's experience of texture while reducing the harsh shadows.

Best Images



CONCLUSION: The image captured with the fill light offset and perpendicular to the art work plane is the closest to the image captured by the Metropolitan Museum. It is also possible to capture an acceptable image using less equipment (no fill) as can be seen in IMG 918_08 although harsher shadows are present leading to more noticeable texture than is present in the Met image.