Cafeteria retrofit daylighting study

# BASE CASE – NO SHADING

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|  |  | 115 E 23rd St, 11th Floor, New York, NY 10010646-519-3254 | info@sefaira.com | sefaira.com |

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|  | **Problem:** The cafeteria receives too much daylight in some areas making spaces uncomfortable during occupied hours. The client would like to investigate adding shading to improve the daylight levels. |



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# SHADING OPTION 1

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|  | * 2.2’ shades over south facing windows
* Shades over lower south facing windows are angled at 15°
* 2.2’ shades over east facing lower windows
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# SHADING OPTION 2

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|  | * 4’ shade over south facing windows located 1’ from roof height angled at 15°
* 3’ shade over lower east facing windows are angled at 25°
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