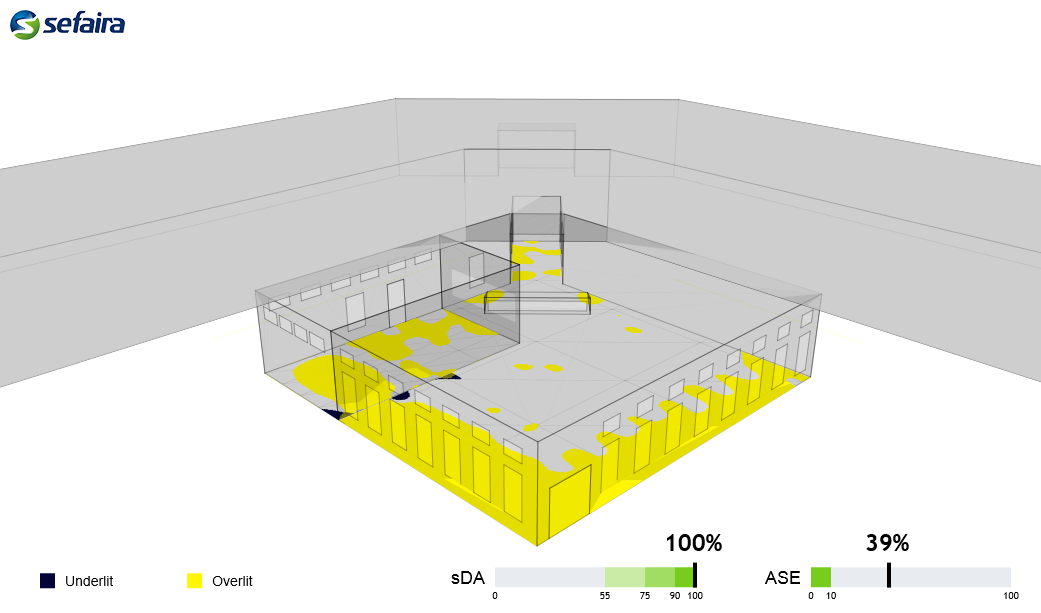
Cafeteria retrofit daylighting study

# BASE CASE – NO SHADING

|  |  |  |
| --- | --- | --- |
|  |  | 115 E 23rd St, 11th Floor, New York, NY 10010  646-519-3254 | info@sefaira.com | sefaira.com |

|  |  |
| --- | --- |
|  | **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. |

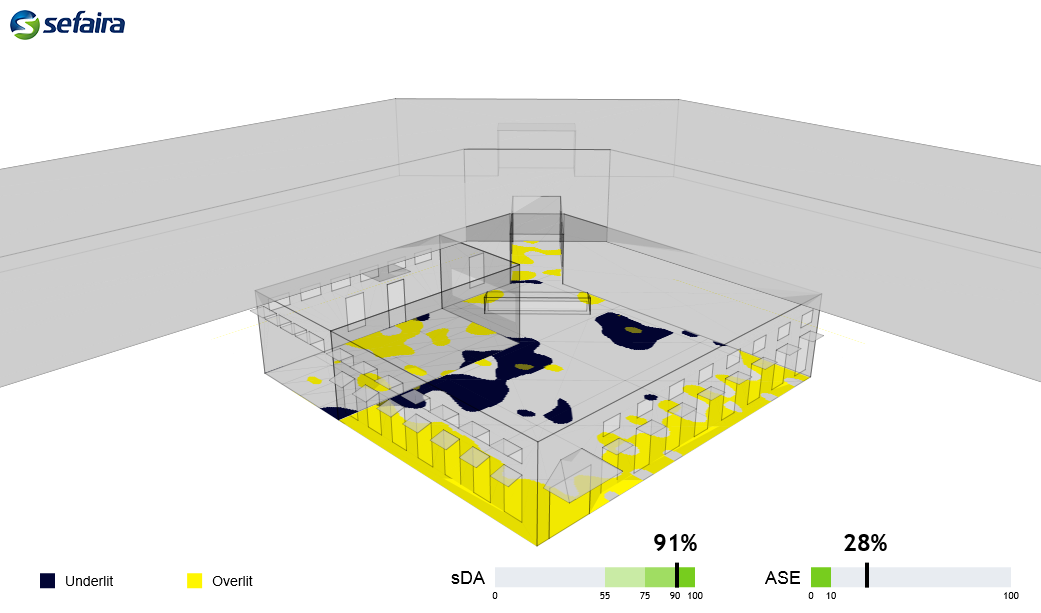


Cafeteria retrofit daylighting study

# SHADING OPTION 1

|  |  |  |
| --- | --- | --- |
|  |  | 115 E 23rd St, 11th Floor, New York, NY 10010  646-519-3254 | info@sefaira.com | sefaira.com |

|  |  |
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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 |



Cafeteria retrofit daylighting study

# 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° |

