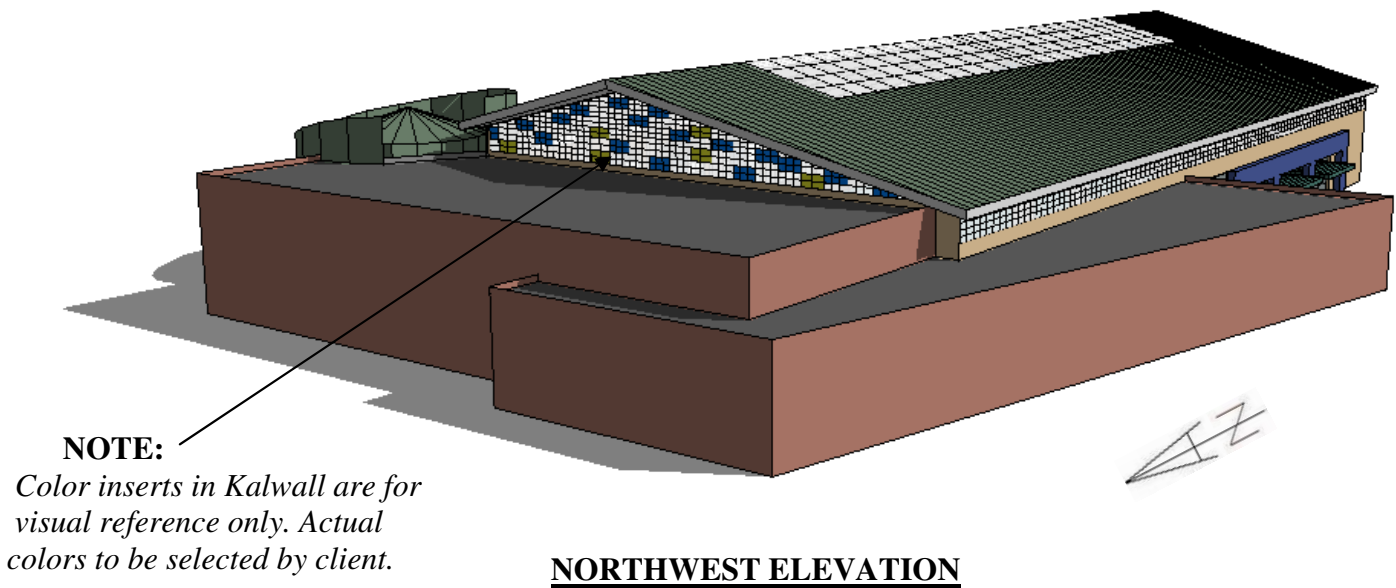
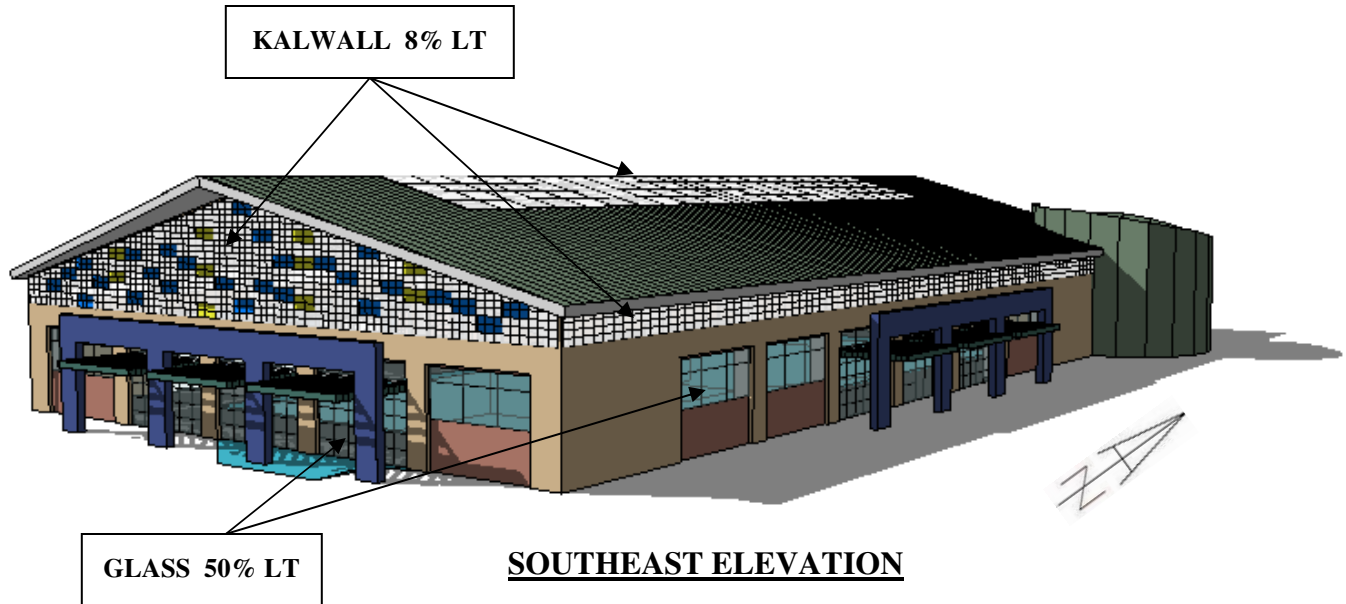


## DAYLIGHT MODEL EXTERIOR BUILDING VIEW

Project Name:	Pool
Project Location:	USA (Southwest)
Room Description:	Indoor Pool
Daylight Area:	200'-0" x 116'-8"



*Daylighting simulations are based on weather data supplied by the US Department of Energy. No warranty expressed or implied by Kalwall Corporation*

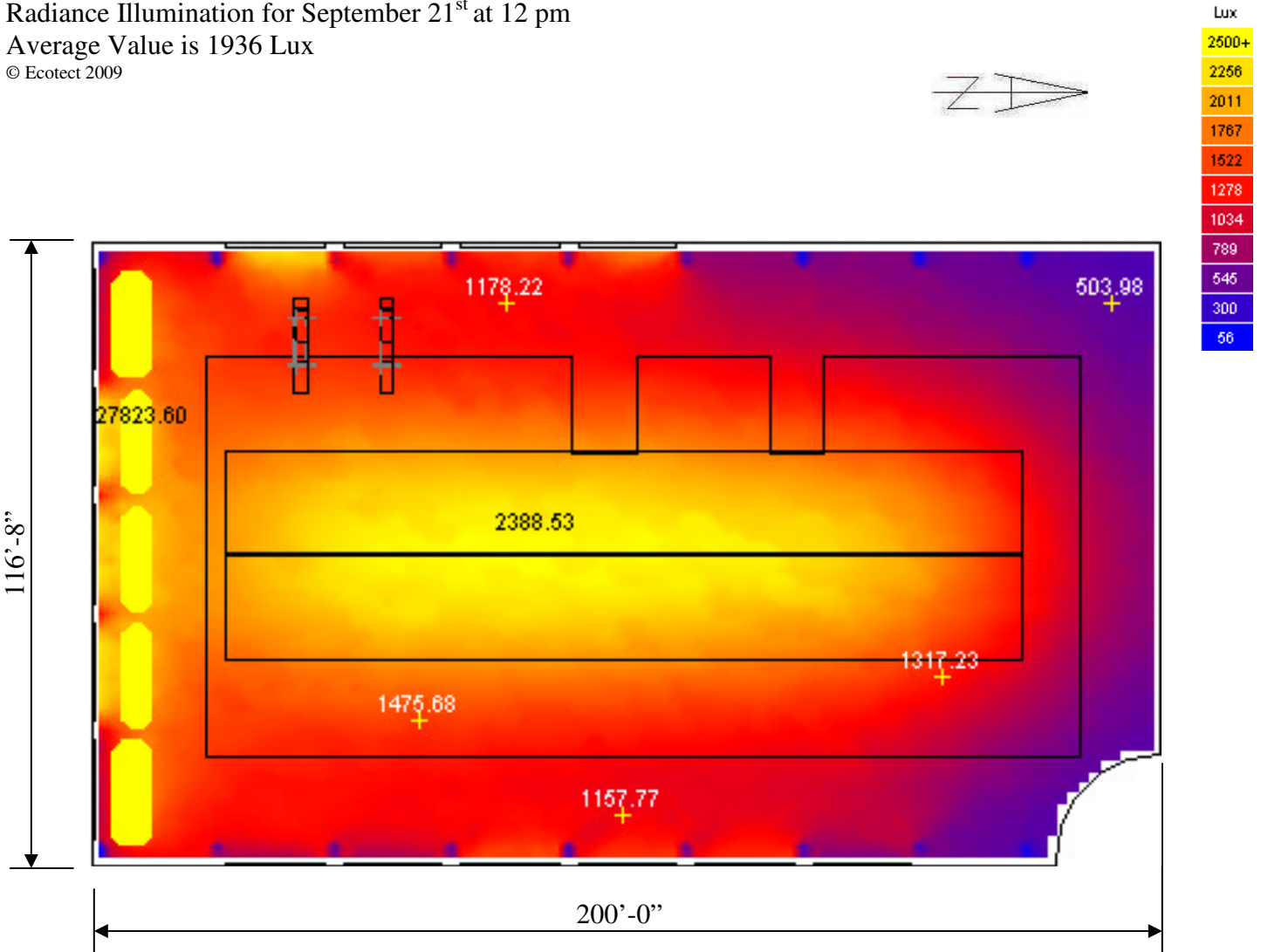
## DAYLIGHT MODEL RESULTS

Project Name: Pool	Sky Condition: Sunny
Project Location: USA (Southwest)	Weather City Data: USA (Southwest)
Room Description: Indoor Pool	Model Date: September 21 <sup>st</sup>
Daylight Size: 200'-0" x 116'-8"	Model Time: 12:00 PM
Kalwall Application: Walls & Ridge-Roof Skylight	Kalwall Transmittance: 8%
Kalwall Size(s): Varies	Wall Reflectance: White
Glass Application: Windows	Ceiling Reflectance: White
Glass Size(s): Varies	Floor Reflectance: Grey
Glass Transmittance: 50%	Daylight Autonomy: N/A

Radiance Illumination for September 21<sup>st</sup> at 12 pm

Average Value is 1936 Lux

© Ecotect 2009



Illuminance for September 21<sup>st</sup> at 12 pm  
 10.76 Lux = 1 fc. Task height is 0'-1"

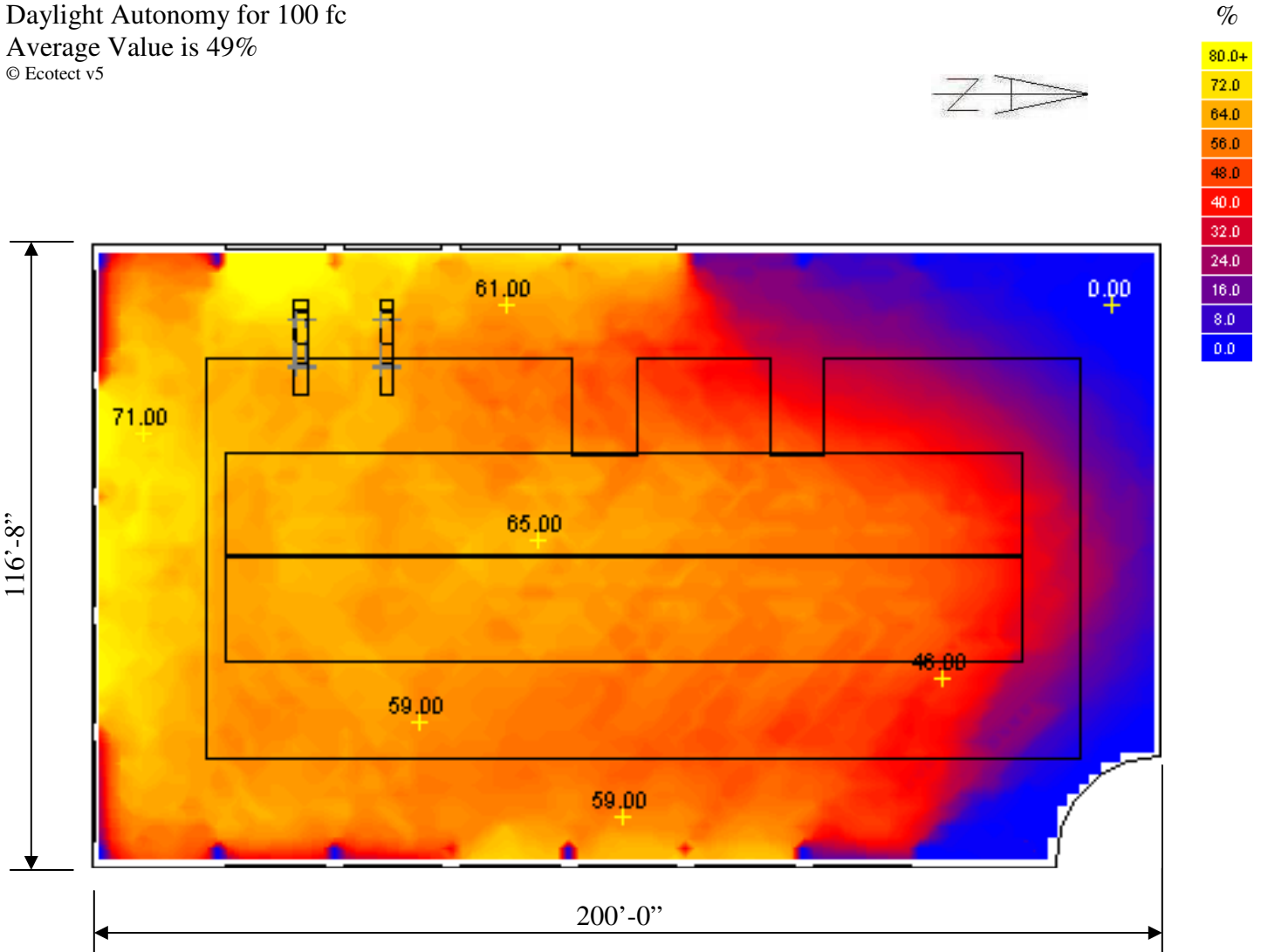
## DAYLIGHT MODEL RESULTS

Project Name: Pool	Sky Condition: Yearly Average
Project Location: USA (Southwest)	Weather City Data: USA (Southwest)
Room Description: Indoor Pool	Model Date: Full Year
Daylight Size: 200'-0" x 116'-8"	Model Time: 8:00 AM – 8:00 PM
Kalwall Application: Walls & Ridge-Roof Skylight	Kalwall Transmittance: 8%
Kalwall Size(s): Varies	Wall Reflectance: White
Glass Application: Windows	Ceiling Reflectance: White
Glass Sizes(s): Varies	Floor Reflectance: Grey
Glass Transmittance: 50%	Daylight Autonomy: 100 fc

Daylight Autonomy for 100 fc

Average Value is 49%

© Ecotect v5

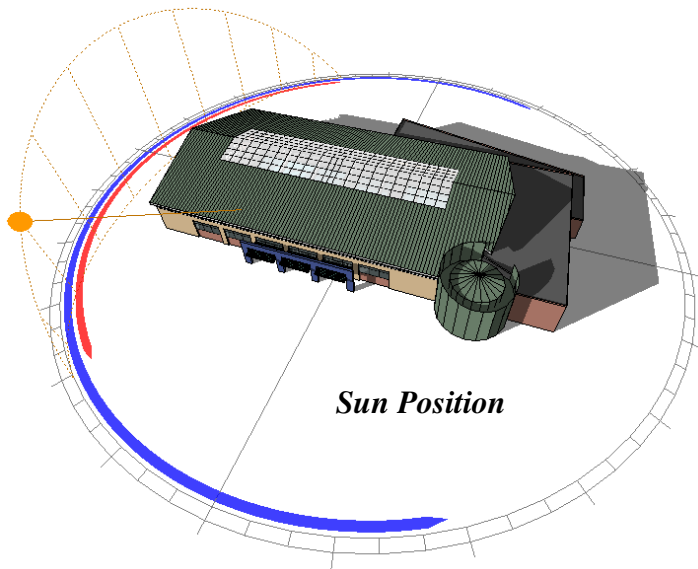


Daylight Autonomy predicts the percentage of daylight hours where the illuminance meets or exceeds the desired task illuminance level. For this chart, 100 fc was chosen as the desired light level for the space. Task height is 0'-1" above the floor.

## DAYLIGHT MODEL RESULTS

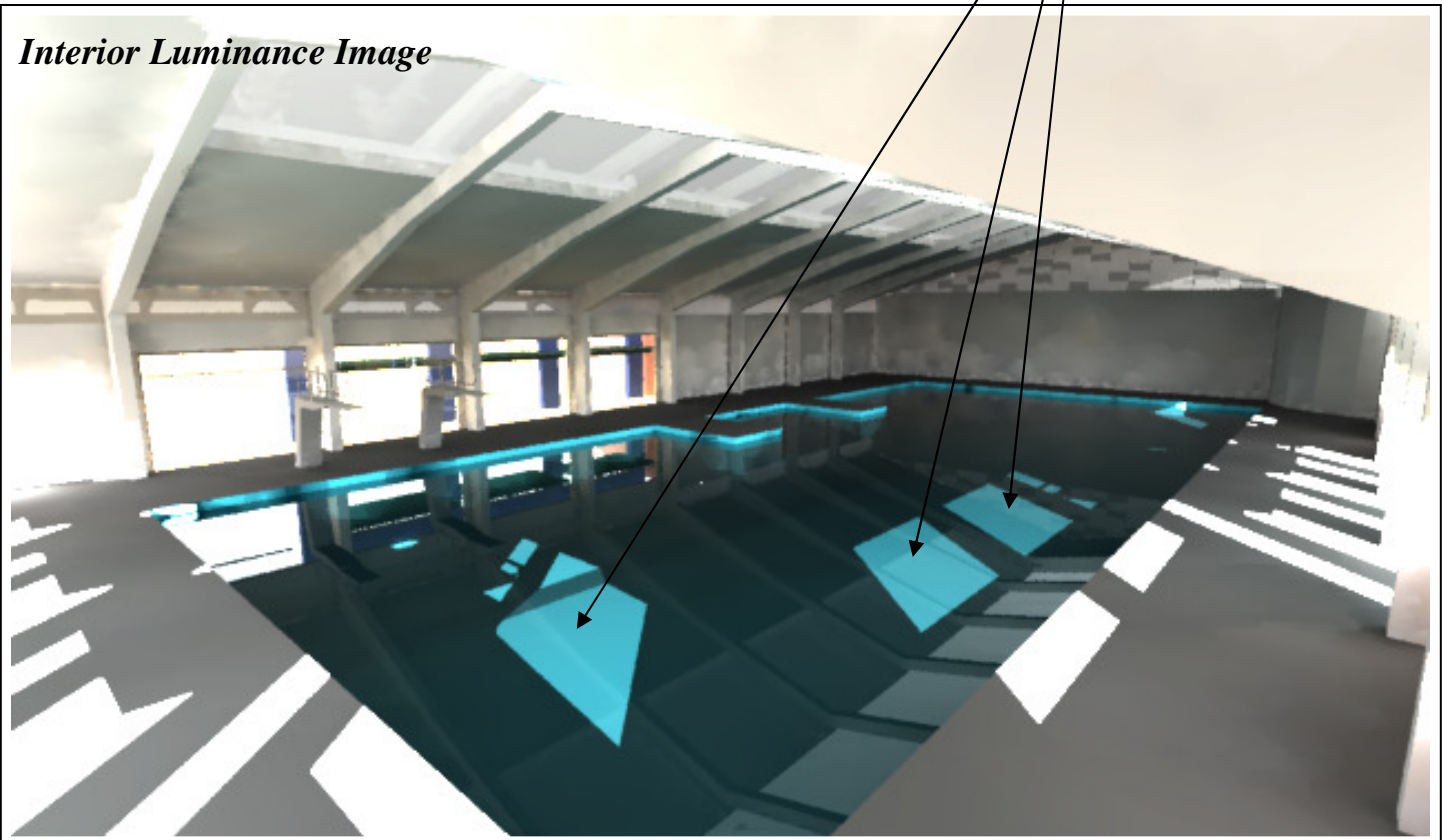
### GLARE PATTERN ANALYSIS

*Analysis performed at:  
9:00 AM on January 1<sup>st</sup>*



Glare caused by glass windows may be found *on the pool* at varying times in the early morning & late afternoon, throughout the year. See the following page for luminance readings.

*Interior Luminance Image*



## DAYLIGHT MODEL RESULTS

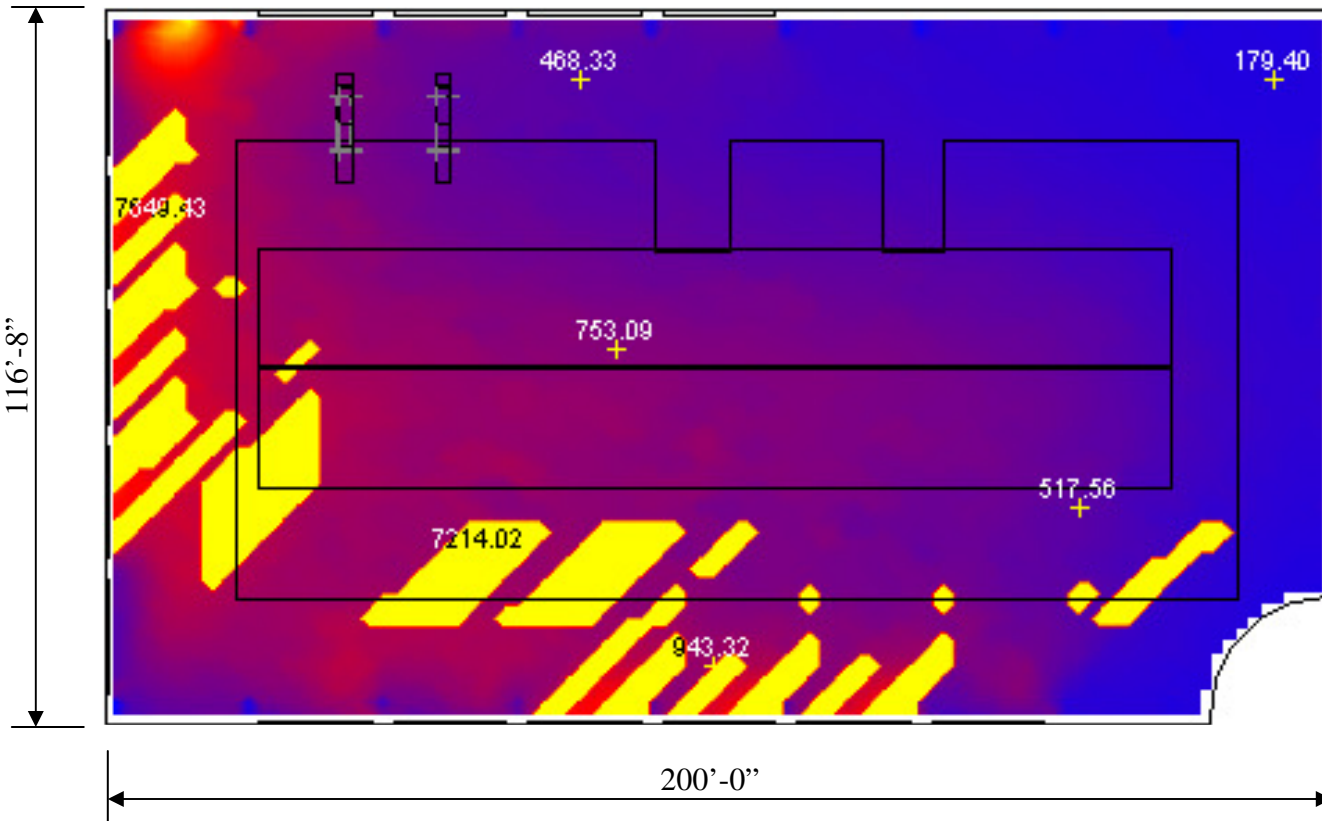
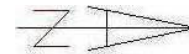
Project Name: Pool	Sky Condition: Sunny
Project Location: USA (Southwest)	Weather City Data: USA (Southwest)
Room Description: Indoor Pool	Model Date: January 1 <sup>st</sup>
Daylight Size: 200'-0" x 116'-8"	Model Time: 9:00 AM
Kalwall Application: Walls & Ridge-Roof Skylight	Kalwall Transmittance: 8%
Kalwall Size(s): Varies	Wall Reflectance: White
Glass Application: Windows	Ceiling Reflectance: White
Glass Sizes(s): Varies	Floor Reflectance: Grey
Glass Transmittance: 50%	Daylight Autonomy: N/A

Radiance Luminance for January 1<sup>st</sup> at 9 am

Average Value is 1167 cd/m<sup>2</sup>

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cd/m<sup>2</sup>



Glare is measured in luminance (cd/m<sup>2</sup>). Any reading (of direct sunlight) that is 3000 cd/m<sup>2</sup> or higher may potentially be considered glare, and may cause discomfort & safety concerns.