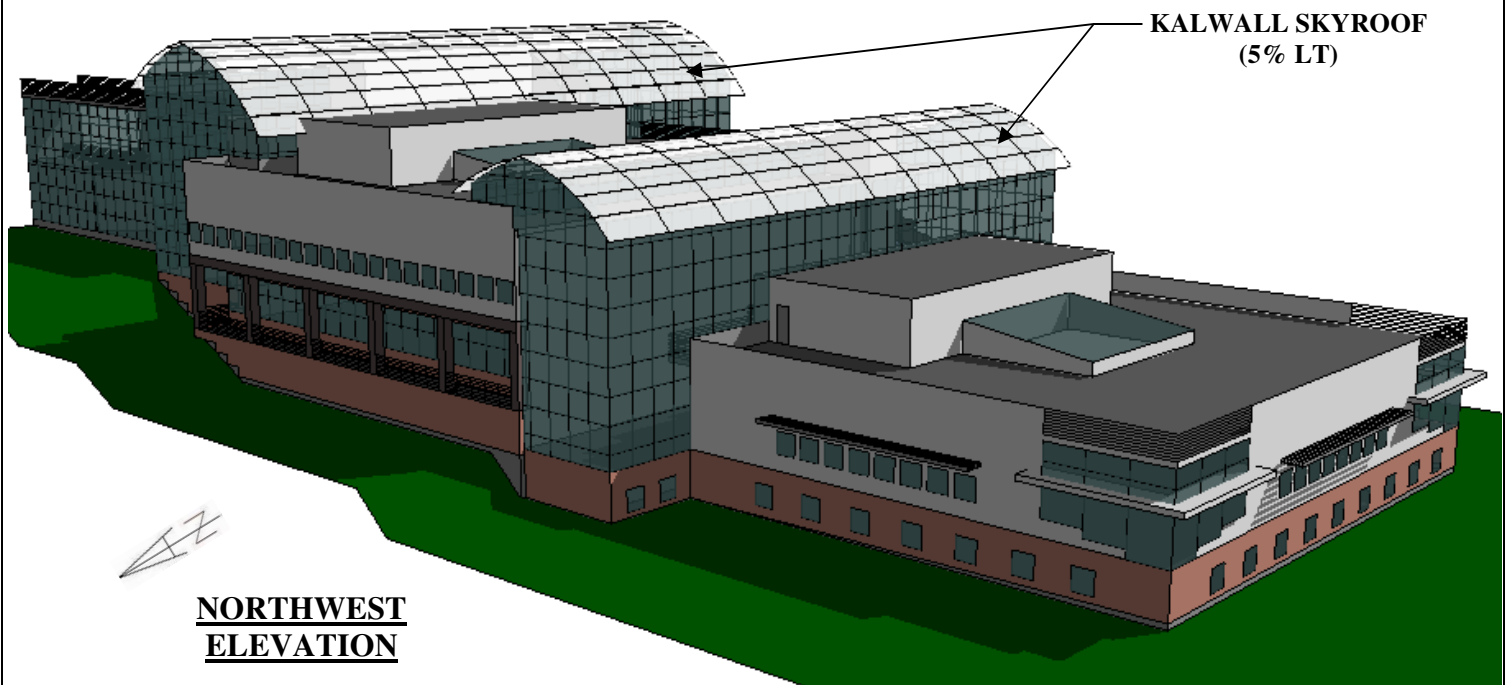
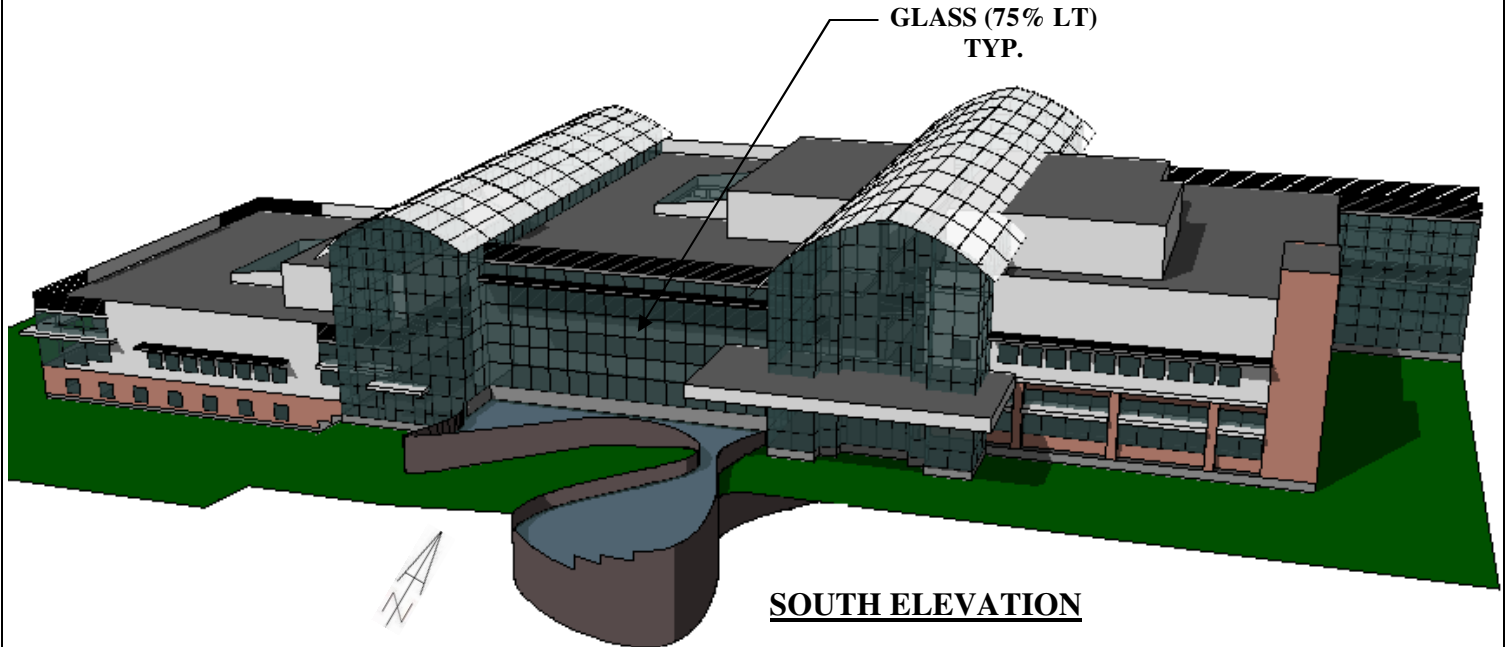


DAYLIGHT MODEL EXTERIOR BUILDING VIEW

Project Name:	Atrium
Project Location:	USA (Northeast)
Room Description:	Atrium/Circulation
Daylight Area:	34'-0" x 135'-6"; 44'-1" x 147'-0"



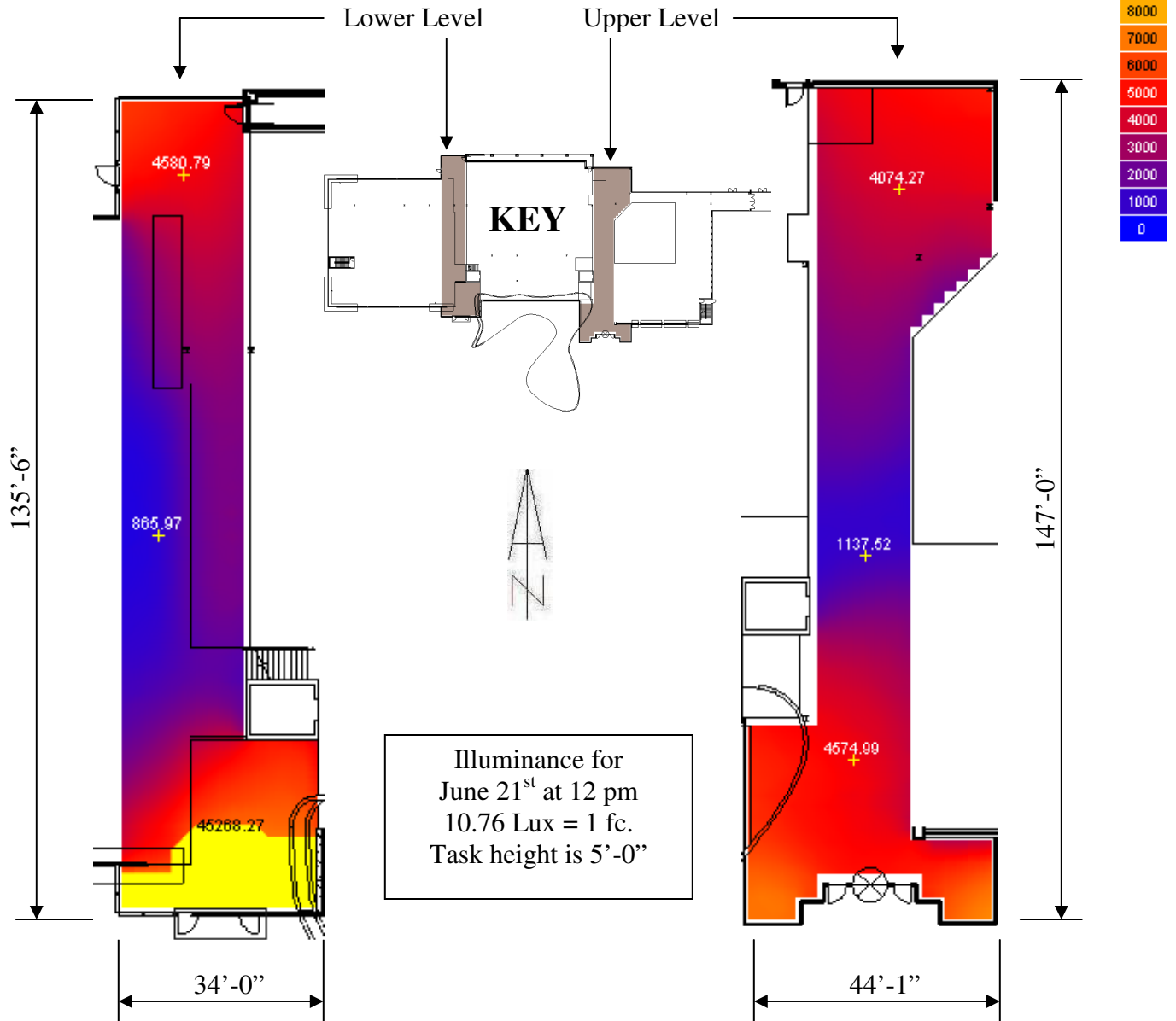
*Daylight simulations are based on weather data supplied by the US Department of Energy.
No warranty expressed or implied by Kalwall Corporation*

DAYLIGHT MODEL RESULTS

Project Name: <u>Atrium</u>	Sky Condition: <u>Sunny</u>
Project Location: <u>USA (Northeast)</u>	Weather City Data: <u>USA (Northeast)</u>
Room Description: <u>Atrium/Circulation</u>	Model Date: <u>June 21st</u>
Daylight Size: <u>34'-0" x 135'-6"; 44'-1" x 147'-0"</u>	Model Time: <u>12:00 PM</u>
Kalwall Application: <u>Segmented Skyroofs</u>	Kalwall Transmittance: <u>5%</u>
Kalwall Size(s): <u>(1) 139'-10" x 39'-8"(flat); (1) 150'-9" x 50'-11"(flat)</u>	Wall Reflectance: <u>50%</u>
Glass Application: <u>Curtain Wall</u>	Ceiling Reflectance: <u>80%</u>
Glass Sizes(s): <u>Varies</u>	Floor Reflectance: <u>30%</u>
Glass Transmittance: <u>75%</u>	Daylight Autonomy: <u>N/A</u>

Radiance Illuminance for June 21st at 12 pm
 Average Value is 7447 Lux (Lower); 3658 Lux (Upper)

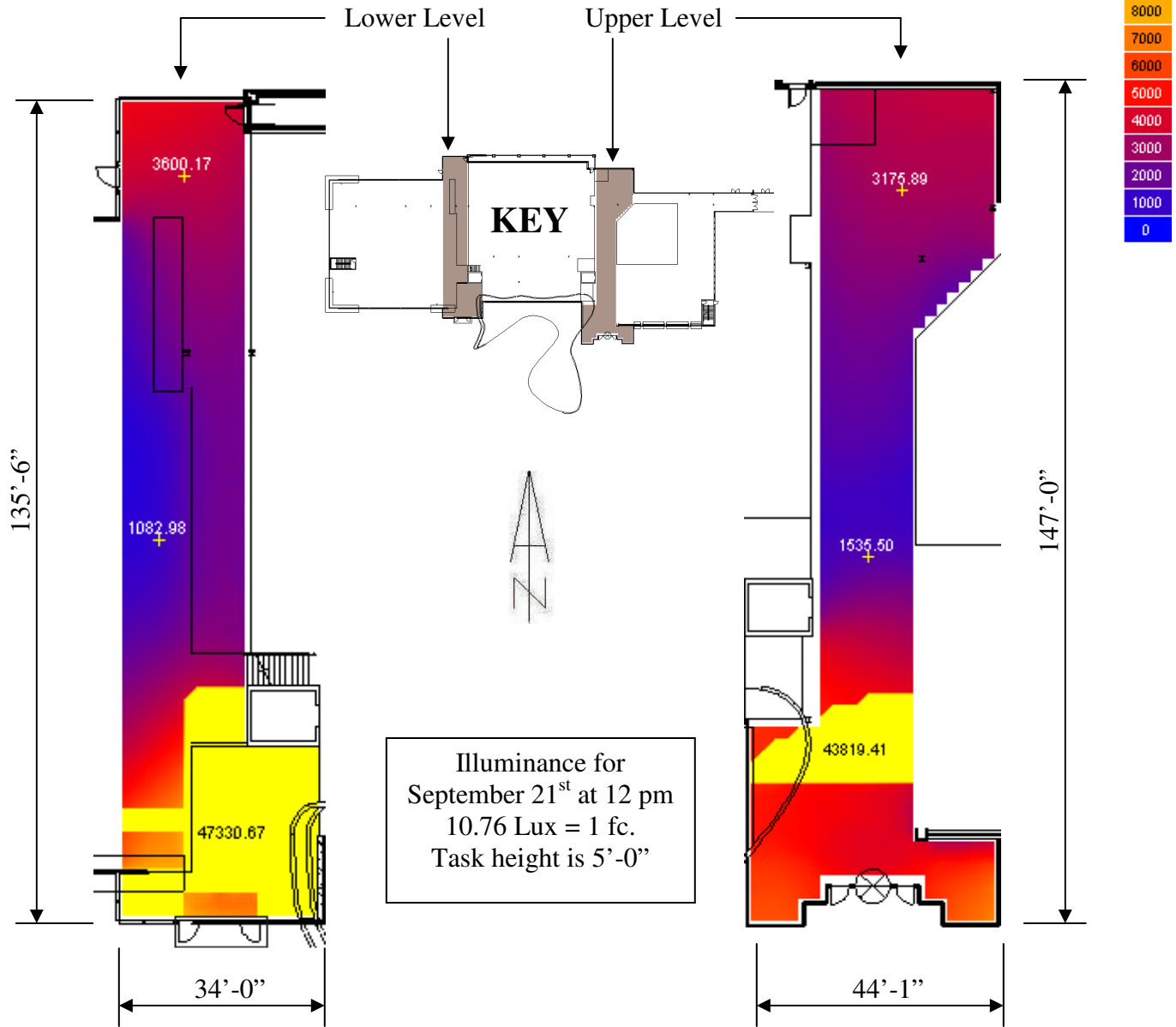
© Ecotect 2009



DAYLIGHT MODEL RESULTS

Project Name: <u>Atrium</u>	Sky Condition: <u>Sunny</u>
Project Location: <u>USA (Northeast)</u>	Weather City Data: <u>USA (Northeast)</u>
Room Description: <u>Atrium/Circulation</u>	Model Date: <u>September 21st</u>
Daylight Size: <u>34'-0" x 135'-6"; 44'-1" x 147'-0"</u>	Model Time: <u>12:00 PM</u>
Kalwall Application: <u>Segmented Skyroofs</u>	Kalwall Transmittance: <u>5%</u>
Kalwall Size(s): <u>(1) 139'-10" x 39'-8"(flat); (1) 150'-9" x 50'-11"(flat)</u>	Wall Reflectance: <u>50%</u>
Glass Application: <u>Curtain Wall</u>	Ceiling Reflectance: <u>80%</u>
Glass Sizes(s): <u>Varies</u>	Floor Reflectance: <u>30%</u>
Glass Transmittance: <u>75%</u>	Daylight Autonomy: <u>N/A</u>

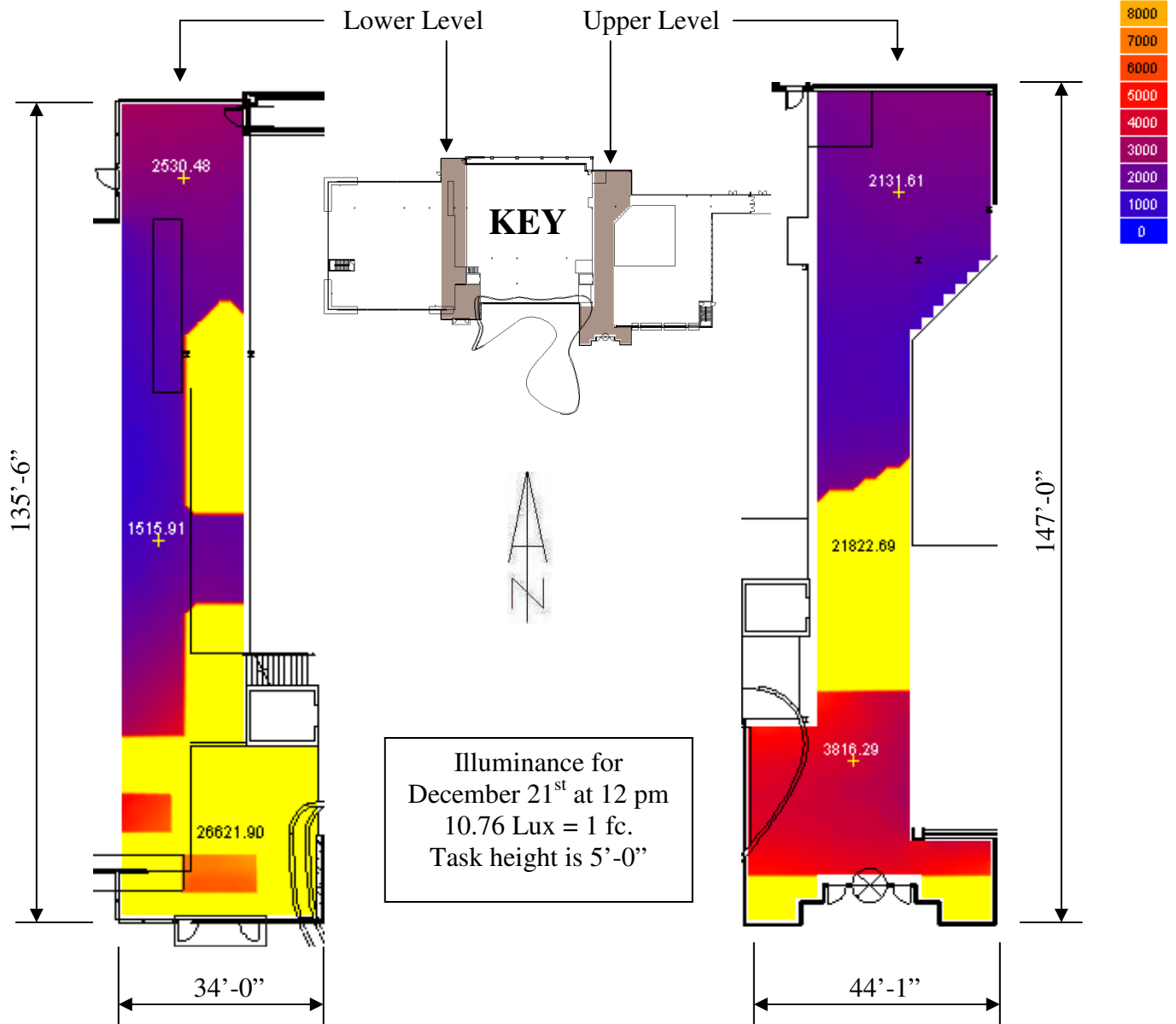
Radiance Illuminance for September 21st at 12 pm
 Average Value is 13180 Lux (Lower); 6553 Lux (Upper)
 © Ecotect 2009



DAYLIGHT MODEL RESULTS

Project Name: <u>Atrium</u>	Sky Condition: <u>Sunny</u>
Project Location: <u>USA (Northeast)</u>	Weather City Data: <u>USA (Northeast)</u>
Room Description: <u>Atrium/Circulation</u>	Model Date: <u>December 21st</u>
Daylight Size: <u>34'-0" x 135'-6"; 44'-1" x 147'-0"</u>	Model Time: <u>12:00 PM</u>
Kalwall Application: <u>Segmented Skyroofs</u>	Kalwall Transmittance: <u>5%</u>
Kalwall Size(s): <u>(1) 139'-10" x 39'-8"(flat); (1) 150'-9" x 50'-11"(flat)</u>	Wall Reflectance: <u>50%</u>
Glass Application: <u>Curtain Wall</u>	Ceiling Reflectance: <u>80%</u>
Glass Sizes(s): <u>Varies</u>	Floor Reflectance: <u>30%</u>
Glass Transmittance: <u>75%</u>	Daylight Autonomy: <u>N/A</u>

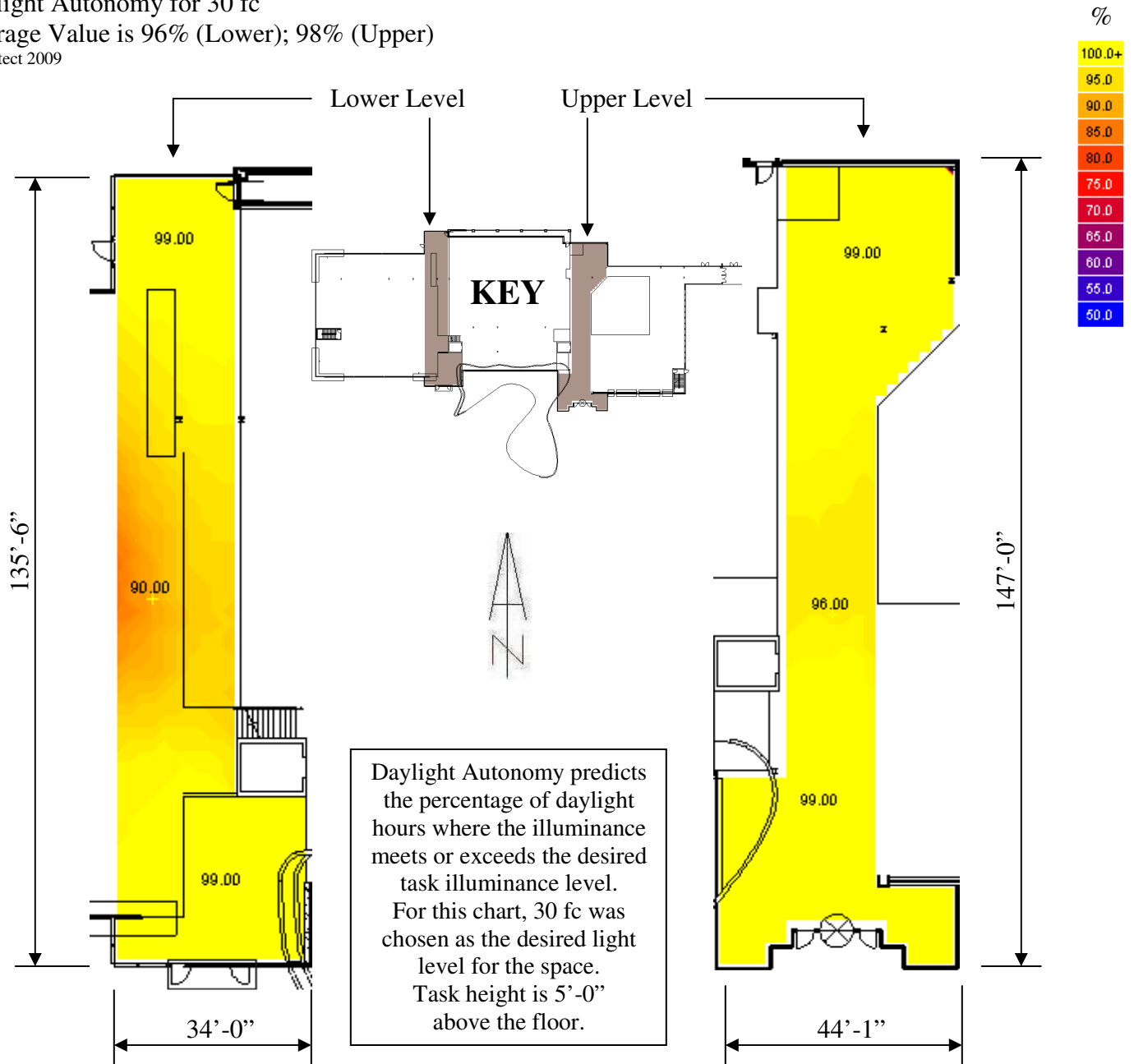
Radiance Illuminance for December 21st at 12 pm
 Average Value is 11564 Lux (Lower); 7196 Lux (Upper)
 © Ecotect 2009



DAYLIGHT MODEL RESULTS

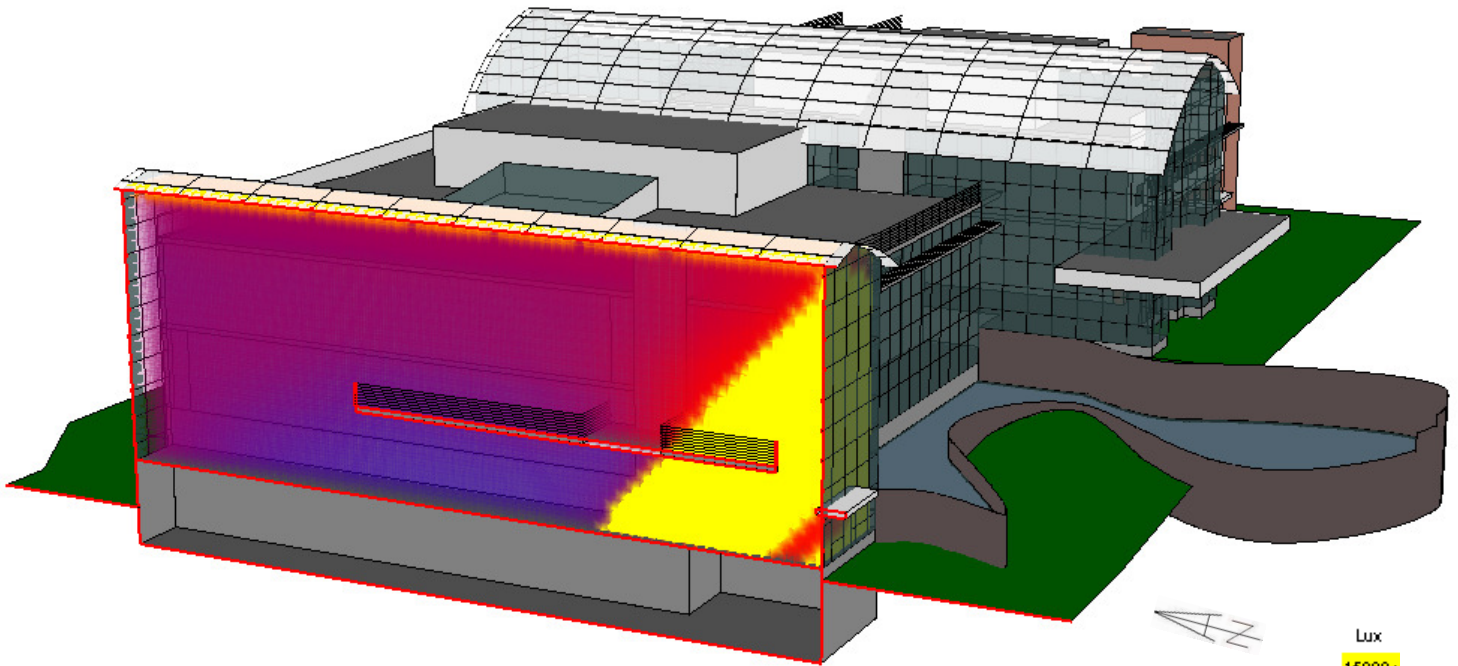
Project Name: <u>Atrium</u>	Sky Condition: <u>Yearly Average</u>
Project Location: <u>USA (Northeast)</u>	Weather City Data: <u>USA (Northeast)</u>
Room Description: <u>Atrium/Circulation</u>	Model Date: <u>Full Year</u>
Daylight Size: <u>34'-0" x 135'-6"; 44'-1" x 147'-0"</u>	Model Time: <u>8:00 AM – 5:00 PM</u>
Kalwall Application: <u>Segmented Skyroofs</u>	Kalwall Transmittance: <u>5%</u>
Kalwall Size(s): <u>(1) 139'-10" x 39'-8"(flat); (1) 150'-9" x 50'-11"(flat)</u>	Wall Reflectance: <u>50%</u>
Glass Application: <u>Curtain Wall</u>	Ceiling Reflectance: <u>80%</u>
Glass Sizes(s): <u>Varies</u>	Floor Reflectance: <u>30%</u>
Glass Transmittance: <u>75%</u>	Daylight Autonomy: <u>30 fc</u>

Daylight Autonomy for 30 fc
 Average Value is 96% (Lower); 98% (Upper)
 © Ecotect 2009

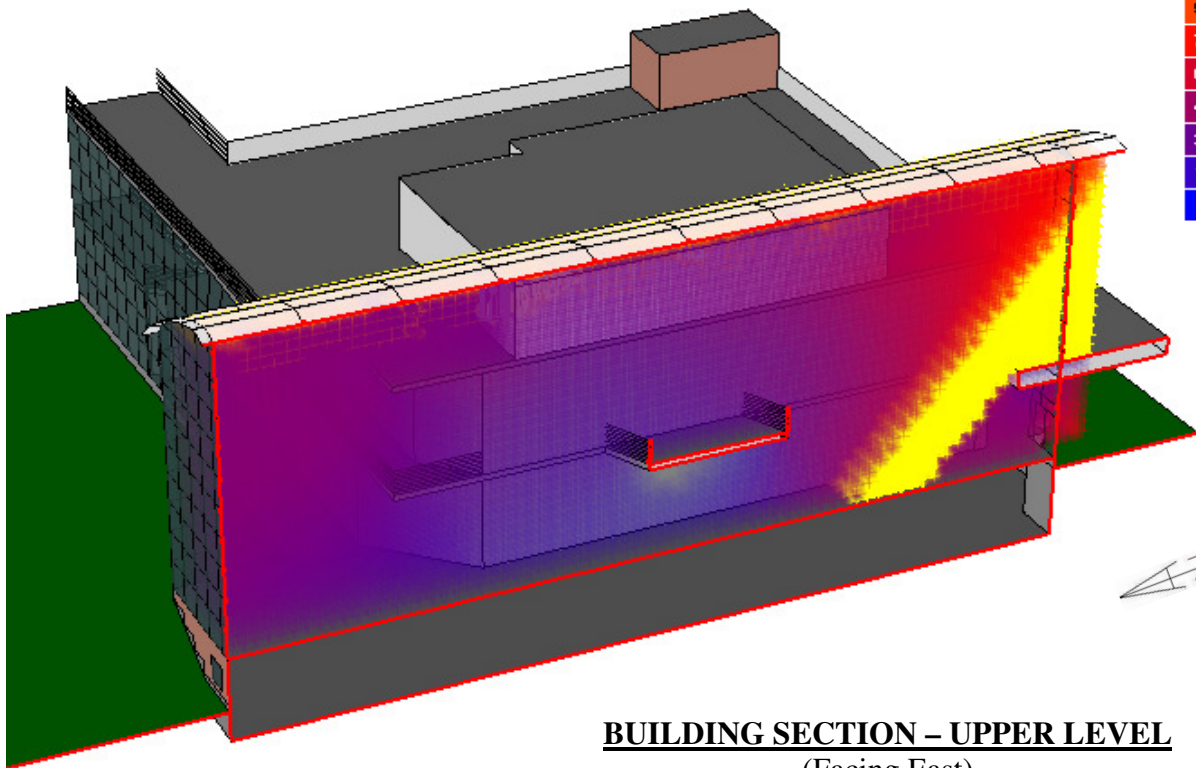


DAYLIGHT MODEL RESULTS

The following results are based on a clear day at 12 pm on the equinox (September 21st)



BUILDING SECTION – LOWER LEVEL
(Facing East)



BUILDING SECTION – UPPER LEVEL
(Facing East)

