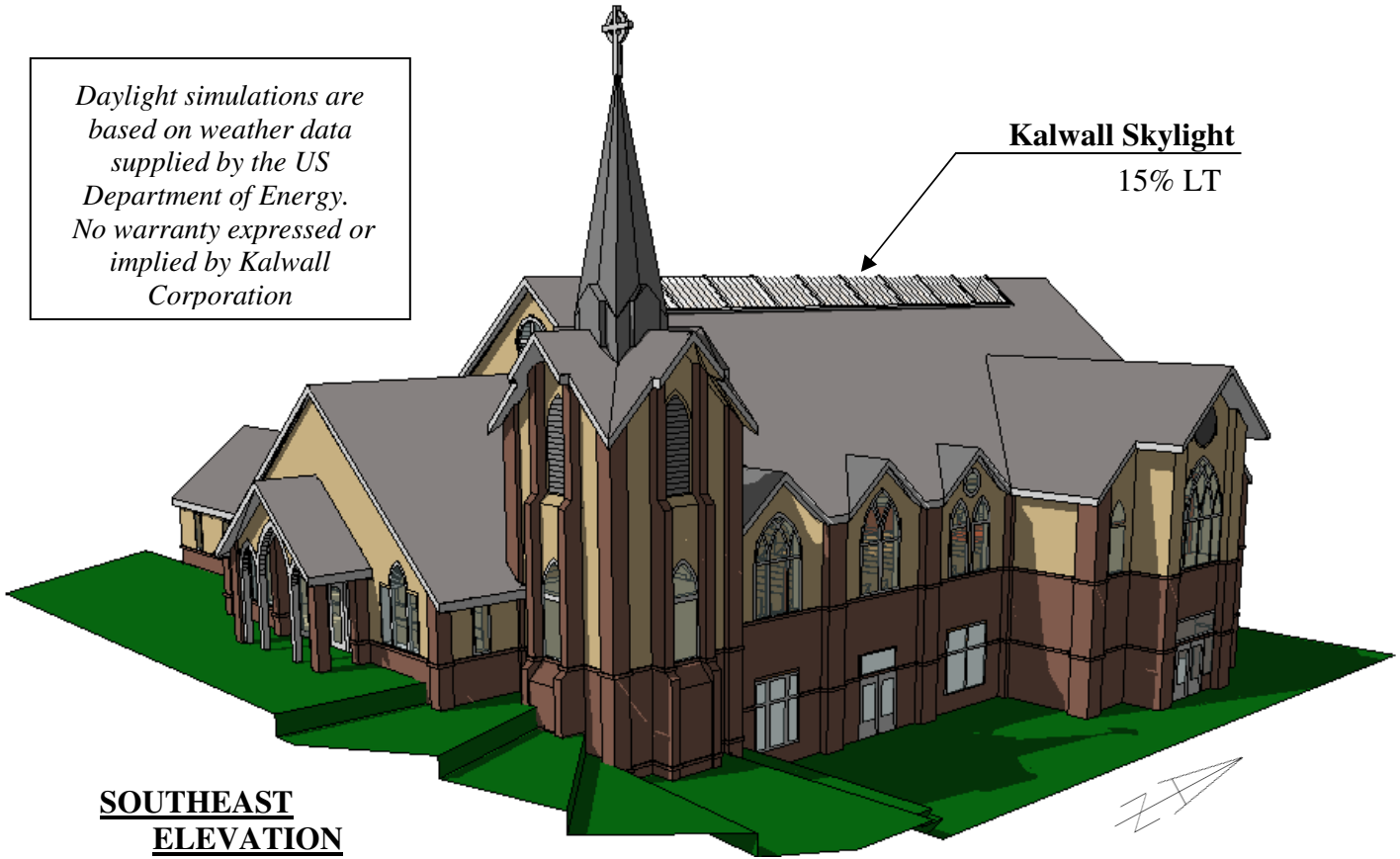


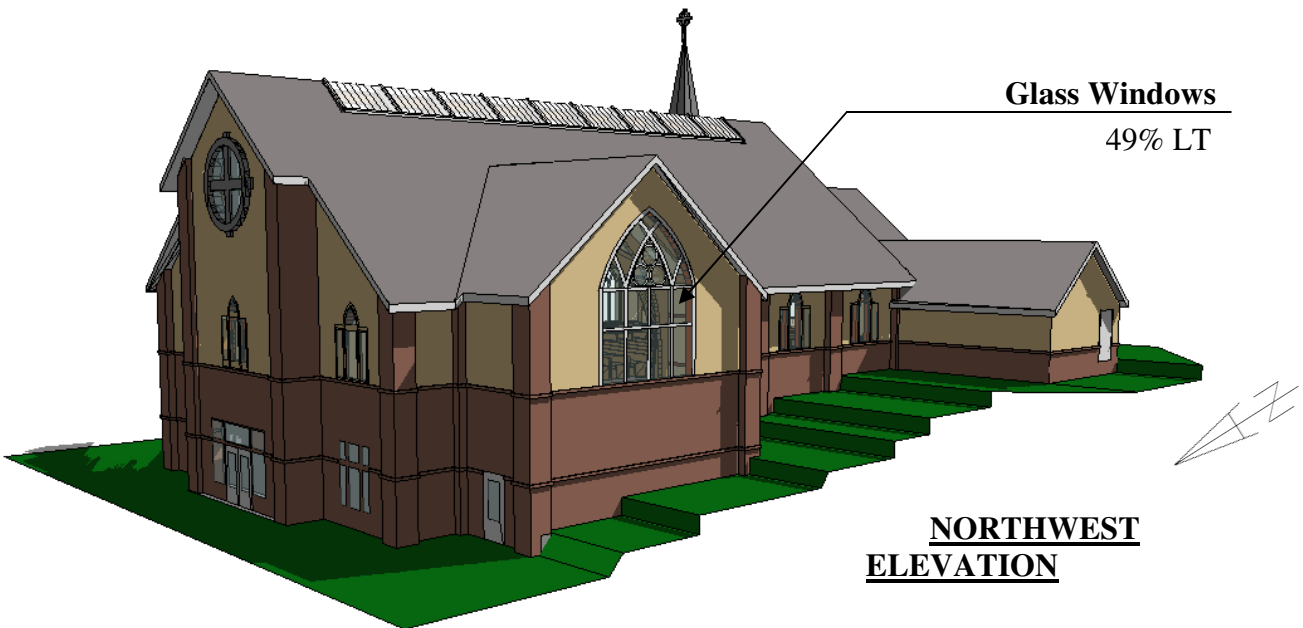
DAYLIGHT MODEL EXTERIOR BUILDING VIEW

Project Name:	Church
Project Location:	USA (Midwest)
Room Description:	Church
Daylight Area:	85'-0" x 81'-0"

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



SOUTHEAST ELEVATION



NORTHWEST ELEVATION

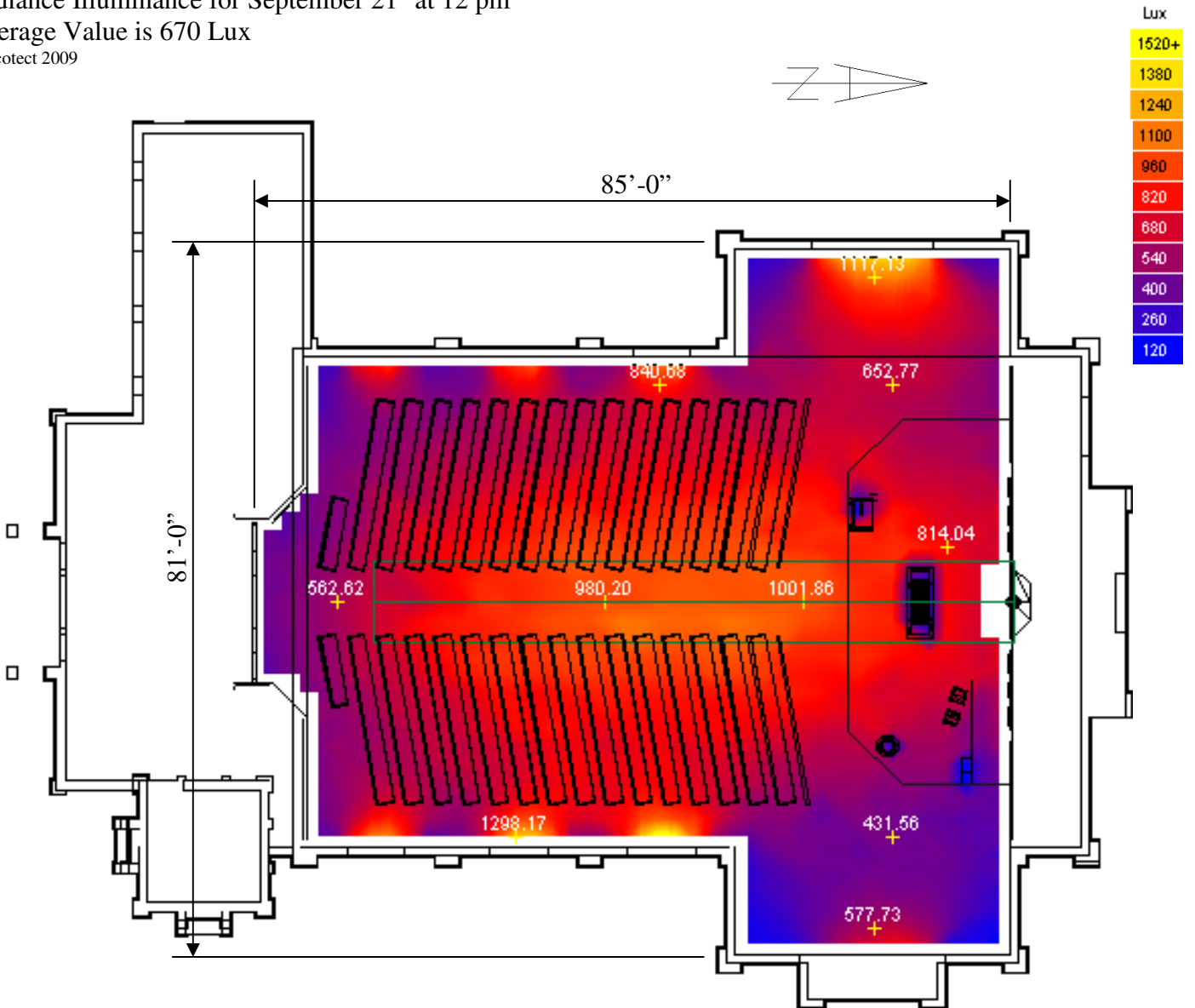
DAYLIGHT MODEL RESULTS

Project Name:	Church	Sky Condition:	Sunny
Project Location:	USA (Midwest)	Weather City Data:	USA (Midwest)
Room Description:	Church	Model Date:	September 21 st
Daylight Size:	85'-0" x 81'-0"	Model Time:	12:00 PM
Kalwall Application:	Ridge-Roof Skylight	Kalwall Transmittance:	15%
Kalwall Size(s):	(1) 72'-0" x 10'-0"[across flat] @ 10:12 slope	Wall Reflectance:	Off White
Glass Application:	Windows	Ceiling Reflectance:	Lt. Wood
Glass Sizes(s):	Varies	Floor Reflectance:	Lt. Tile
Glass Transmittance:	49%	Daylight Autonomy:	N/A

Radiance Illuminance for September 21st at 12 pm

Average Value is 670 Lux

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Illuminance for September 21st at 12 pm
10.76 Lux = 1 fc. Task height is 3'-0"

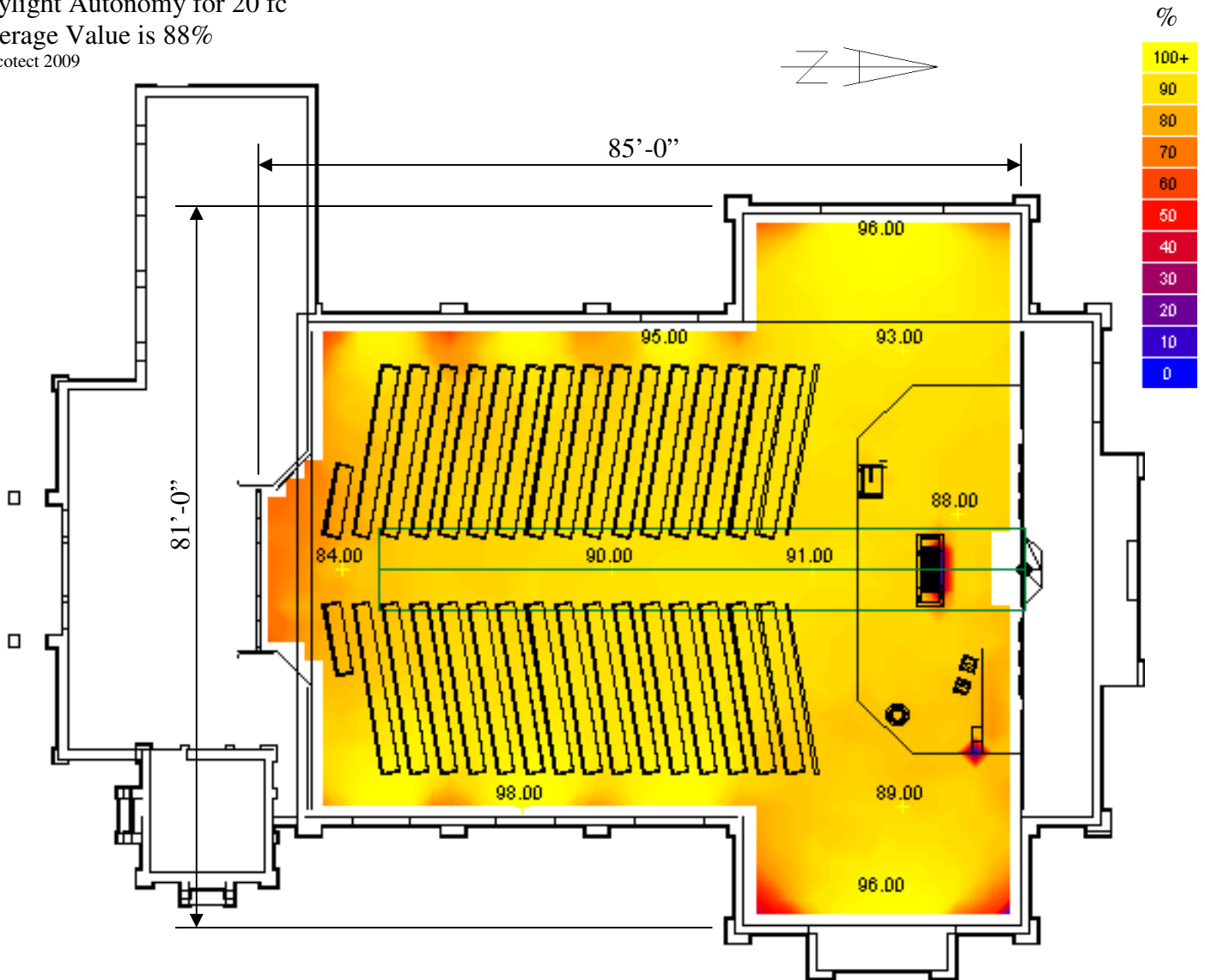
DAYLIGHT MODEL RESULTS

Project Name:	Church	Sky Condition:	Yearly Average
Project Location:	USA (Midwest)	Weather City Data:	USA (Midwest)
Room Description:	Church	Model Date:	Full Year
Daylight Size:	85'-0" x 81'-0"	Model Time:	8:00 AM – 5:00 PM
Kalwall Application:	Ridge-Roof Skylight	Kalwall Transmittance:	15%
Kalwall Size(s):	(1) 72'-0" x 10'-0"[across flat] @ 10:12 slope	Wall Reflectance:	Off White
Glass Application:	Windows	Ceiling Reflectance:	Lt. Wood
Glass Sizes(s):	Varies	Floor Reflectance:	Lt. Tile
Glass Transmittance:	49%	Daylight Autonomy:	20 fc

Daylight Autonomy for 20 fc

Average Value is 88%

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Daylight Autonomy predicts the percentage of daylight hours where the illuminance meets or exceeds the desired task illuminance level. For this chart, 20 fc was chosen as the desired light level for the space. Task height is 3'-0" above the floor.

DAYLIGHT MODEL RESULTS

The following interior renderings are for a clear day at 12 pm on the equinox (September 21st)

RADIANCE LUMINANCE
(Looking North)



RADIANCE ILLUMINANCE
(False Color)

