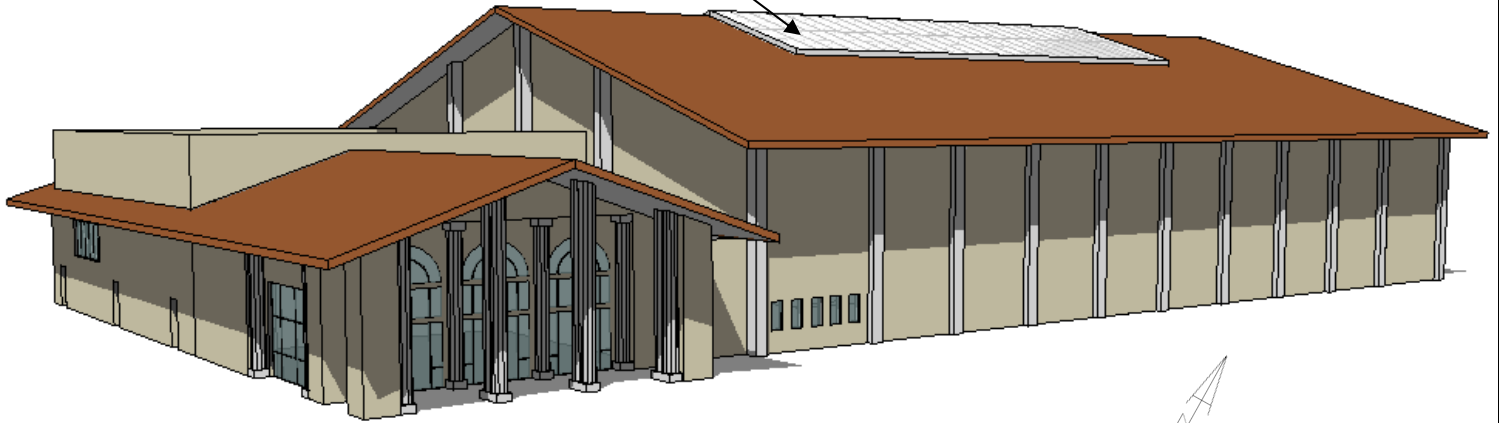


DAYLIGHT MODEL EXTERIOR BUILDING VIEW

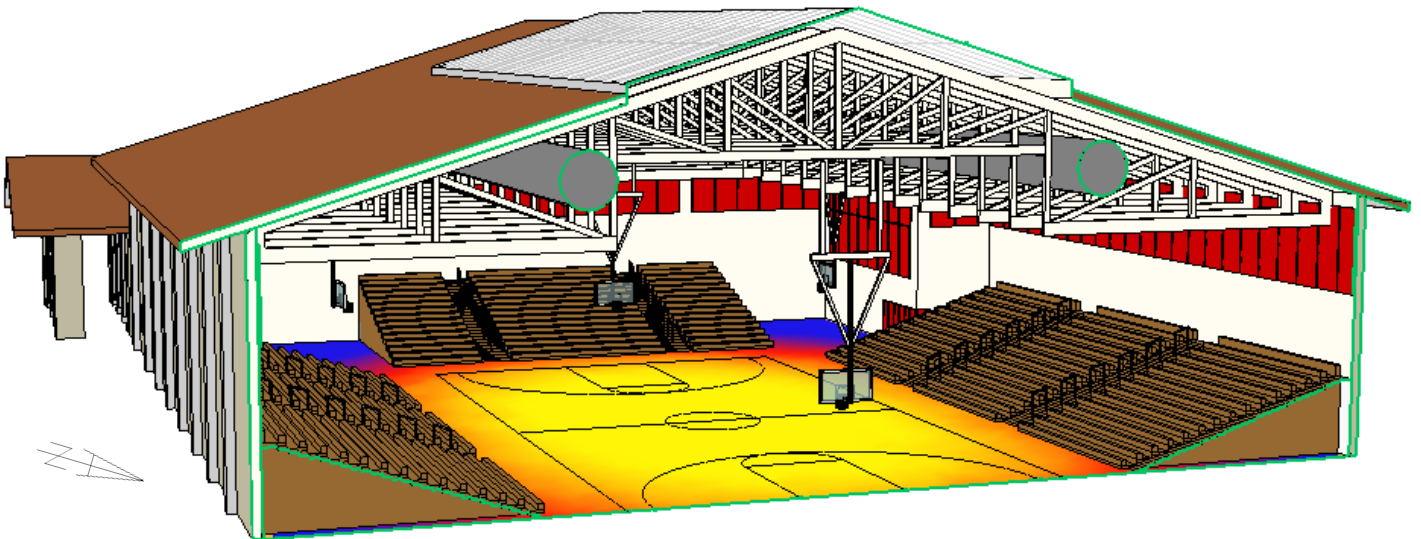
Project Name:	Gymnasium
Project Location:	USA (West Coast)
Room Description:	Gymnasium
Daylight Area:	172'-0" x 128'-0"

KALWALL SKYLIGHT

As-submitted: 8% LT



SOUTH ELEVATION



BUILDING SECTION

*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

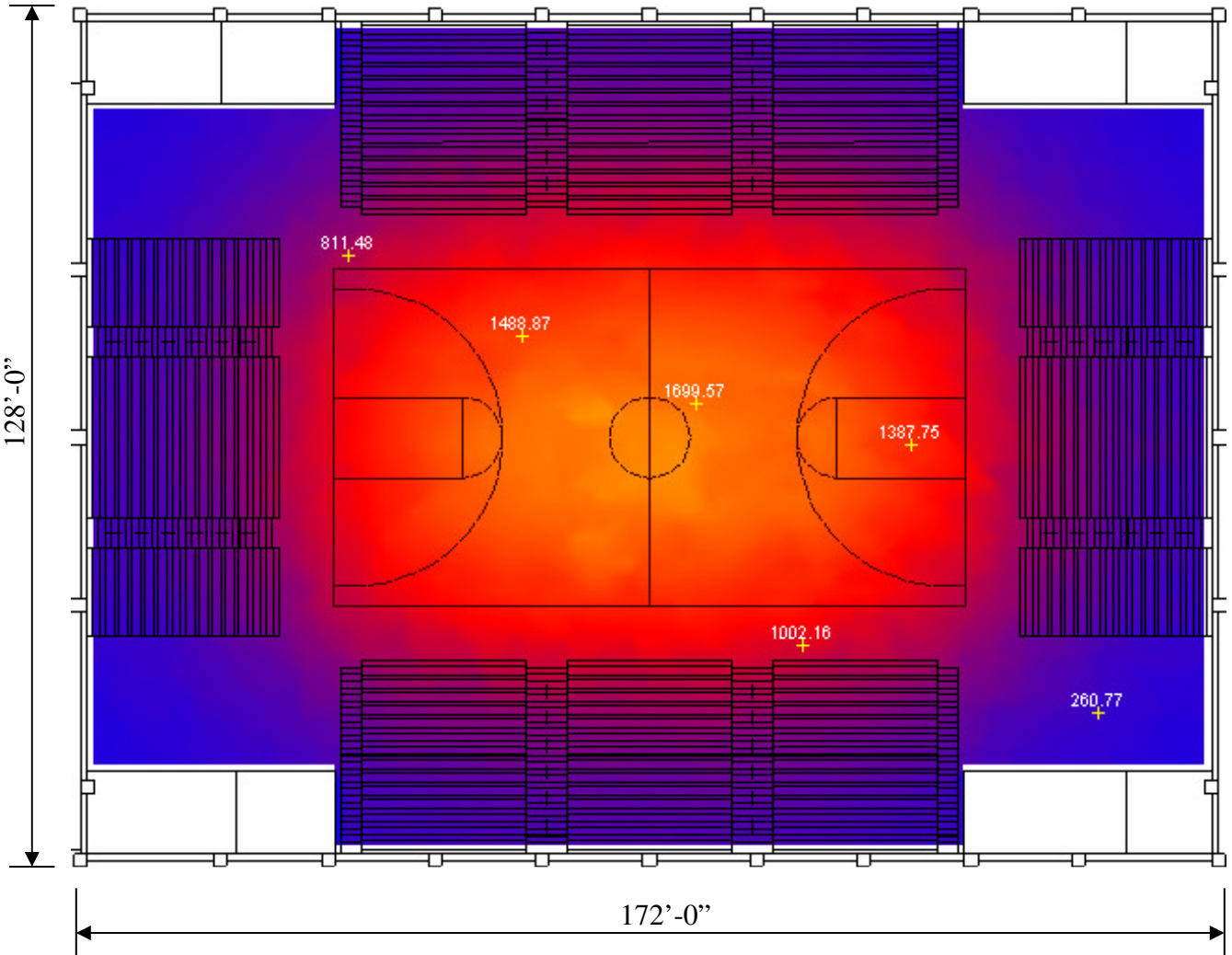
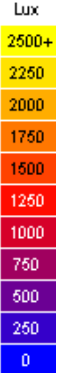
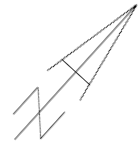
Project Name: <u>Gymnasium</u>	Sky Condition: <u>Sunny</u>
Project Location: <u>USA (West Coast)</u>	Weather City Data: <u>USA (West Coast)</u>
Room Description: <u>Gymnasium</u>	Model Date: <u>September 21st</u>
Daylight Size: <u>172'-0" x 128'-0"</u>	Model Time: <u>12:00 PM</u>
Kalwall Application: <u>Ridge-Roof Skylight</u>	Kalwall Transmittance: <u>8%</u>
Kalwall Size(s): <u>(1) 96'-0" x 50'-0"(flat) @ 4:12 pitch</u>	Wall Reflectance: <u>White/Red</u>
Glass Application: <u>N/A</u>	Ceiling Reflectance: <u>White</u>
Glass Sizes(s): <u>N/A</u>	Floor Reflectance: <u>Wood</u>
Glass Transmittance: <u>N/A</u>	Daylight Autonomy: <u>N/A</u>

Radiance Illuminance for September 21st at 12 pm

Average Value is 765 Lux

© Ecotect 2009

AS-SUBMITTED



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

DAYLIGHT MODEL RESULTS

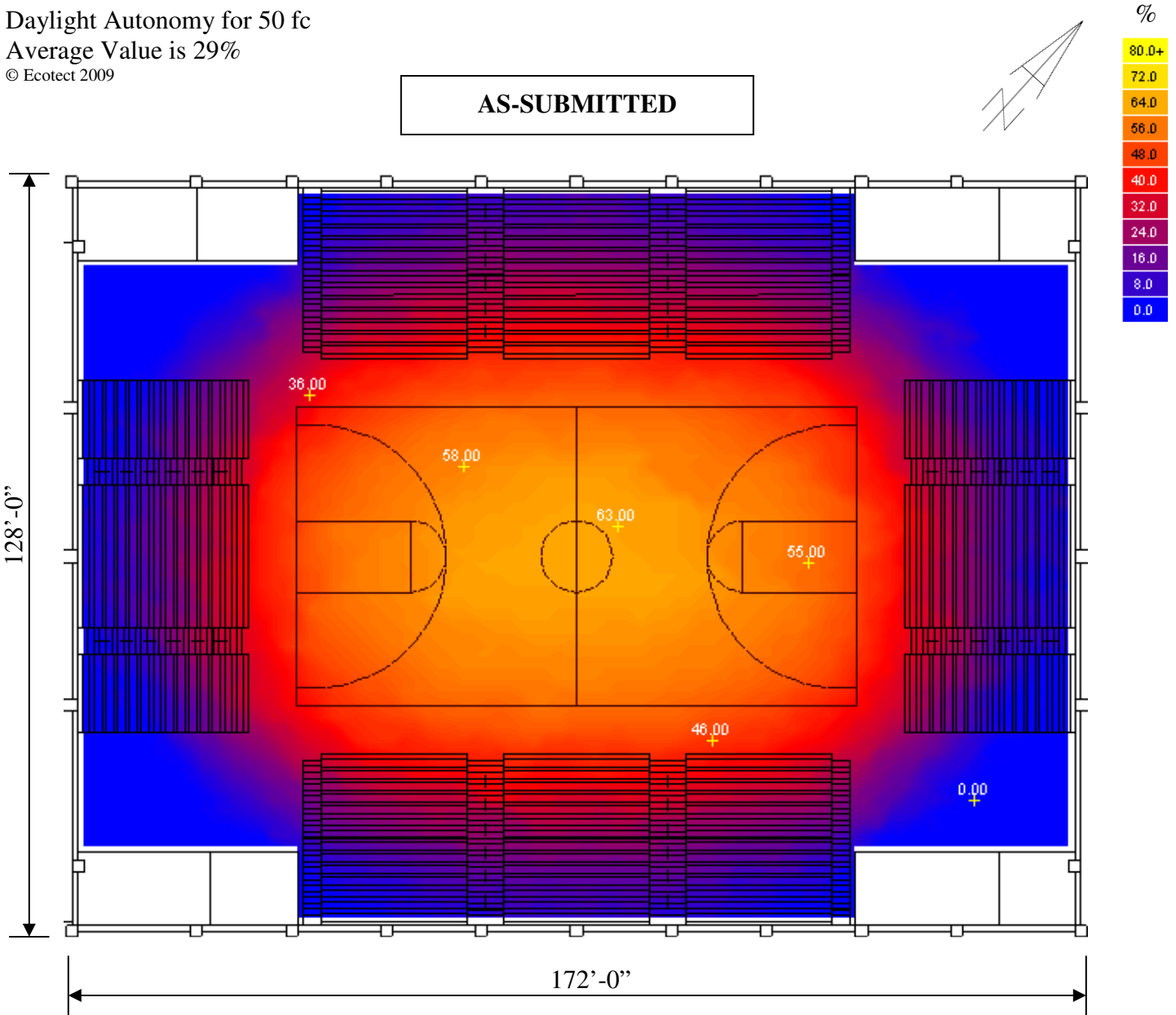
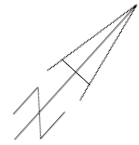
Project Name:	Gymnasium	Sky Condition:	Yearly Average
Project Location:	USA (West Coast)	Weather City Data:	USA (West Coast)
Room Description:	Gymnasium	Model Date:	Full Year
Daylight Size:	172'-0" x 128'-0"	Model Time:	7:00 AM – 7:00 PM
Kalwall Application:	Ridge-Roof Skylight	Kalwall Transmittance:	8%
Kalwall Size(s):	(1) 96'-0" x 50'-0" (flat) @ 4:12 pitch	Wall Reflectance:	White/Red
Glass Application:	N/A	Ceiling Reflectance:	White
Glass Sizes(s):	N/A	Floor Reflectance:	Wood
Glass Transmittance:	N/A	Daylight Autonomy:	50 fc

Daylight Autonomy for 50 fc

Average Value is 29%

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AS-SUBMITTED



Daylight Autonomy predicts the percentage of daylight hours where the illuminance meets or exceeds the desired task illuminance level. For this chart, 50 fc was chosen as the desired light level for the space. Task height is 0'-1" above the floor.

DAYLIGHT MODEL RESULTS

The following interior renderings are for a clear day at 12 pm on the equinox (September 21st) based on a LT of 8%

