



Calculation Summary						
Label	CalcType	Avg	Max	Min	Avg/Min	Max/Min
Student Desk Levels	Illuminance	124.32	292	56.9	2.18	5.13
3-Side Wall	Illuminance	27.29	39.8	16.1	1.70	2.47
5-Back Wall	Illuminance	69.05	176	30.5	2.26	5.78
Desk (Pedestal)_Teacher Desk	Illuminance	59.60	68	50	1.19	1.36
Whiteboard Summary_Planar	Illuminance	58.72	82	45	1.30	1.82

Daylighting Model is based on upon the following:

Location: Washington DC

Date: Sept 21

Time: 12:00 pm

Sky: Overcast

## NOTES

1. Room size is 30 x 30
2. Reflectances are 80/50/20
3. Horizontal task planes are 2.5' AFF.
4. Daylighting results will vary based on location, sky condition and time of day.



**LITHONIA  
LIGHTING**

An Acuity Brands Company

**LIGHTING  
TECHNOLOGY**

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Conyers, GA 30012

P: (800) 279-8043

F: (770) 929-3625

Typical Classroom layout  
SP8 3 32 GEB10IS  
Instruction / Daylighting  
66% Power Mode

**Designer**  
Jim Eads, LC

**Date**  
Mar 16, 2009

**Scale**  
N.T.S.

**Drawing No.**  
99903608C5

## LUMINAIRE SCHEDULE

Symbol	Label	Qty	Catalog Number	Description	Lamp	File	Lumens
	B	9	SP8 3 32 GEB 10IS	SP8 SPECIFICATION PREMIUM T8 TROFFER 2'X4' 3 LP T8 #A12 .125" LENS 1/3 ELEC	THREE 32-WATT T8 LINEAR FLUORESCENT.	2SP8_3_32_A 12125_1_3_AD DE.ies	2950



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See plan view

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