



Calculation Summary						
Label	CalcType	Avg	Max	Min	Avg/Min	Max/Min
Student Desk Levels	Illuminance	93.61	268	30.0	3.12	8.92
3-Side Wall	Illuminance	22.26	35.3	10.8	2.06	3.27
5-Back Wall	Illuminance	58.29	165	22.5	2.59	7.35
Desk (Pedestal)_Teacher Desk	Illuminance	55.73	63	47	1.19	1.34
Whiteboard Summary_Planar	Illuminance	56.72	78	41	1.38	1.90

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**

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**LIGHTING
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Typical Classroom layout

ES8 GTHP IS

Instruction / Daylighting

Front 100% / 60% Main

LUMINAIRE SCHEDULE

Symbol	Label	Qty	Catalog Number	Description	Lamp	File	Lumens
	A	3	CPES8 IS	PREMIUM, ENERGY SAVING T8, 2'X4' RECESSED 12-CELL, 2-LAMP FIXTURE	TWO 32-WATT T8 LINEAR FLUORESCENT	2ES8P_2_32.i es	3100
	B	6	CPES8 IS	PREMIUM, ENERGY SAVING T8, 2'X4' RECESSED 12-CELL, 2-LAMP FIXTURE	TWO 32-WATT T8 LINEAR FLUORESCENT	2ES8P_2_32.i es	3100

Designer
Jim Eads, LC

Date
Mar 4, 2009

Scale
N.T.S.

Drawing No.
99903608B17



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See plan view

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