



Calculation Summary						
Label	CalcType	Avg	Max	Min	Avg/Min	Max/Min
Student Desk Levels	Illuminance	91.09	266	27.9	3.26	9.55
3-Side Wall	Illuminance	21.76	35.3	9.9	2.20	3.57
5-Back Wall	Illuminance	57.24	164	21.6	2.65	7.61
Desk (Pedestal)_Teacher Desk	Illuminance	55.27	63	47	1.18	1.34
Whiteboard Summary_Planar	Illuminance	56.31	77	41	1.37	1.88

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

lighting.tech@lithonia.com

One Lithonia Way

Conyers, GA 30012

P: (800) 279-8043

F: (770) 929-3625

Typical Classroom layout
 ES8 GTHP PS
 Instruction / Daylighting
 Front 100% / 60% Main

Designer
Jim Eads, LC

Date
Mar 16, 2009

Scale
N.T.S.

Drawing No.
99903608D19

LUMINAIRE SCHEDULE

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



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See plan view

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