



**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
CPSP8IS A19 IN
Instruction / Daylighting
Front 100% / 60% Main

Designer
Jim Eads, LC

Date
Mar 4, 2009

Scale
N.T.S.

Drawing No.
99903608B7

1 of 3

Daylighting Model is based on upon the following:

Location: Washington DC

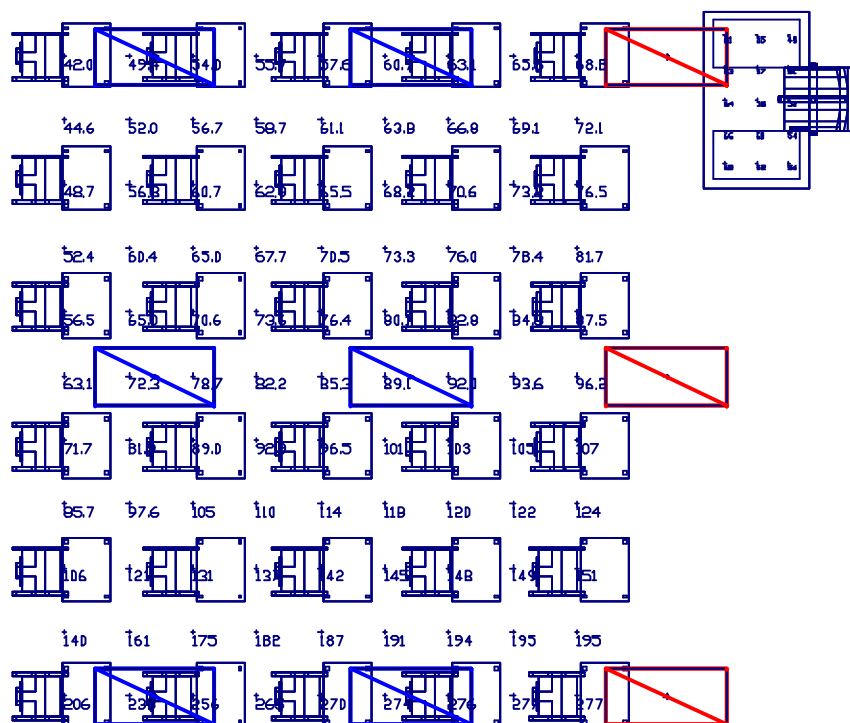
Date: Sept 21

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.



Calculation Summary

Label	CalcType	Avg	Max	Min	Avg/Min	Max/Min
Student Desk Levels	Illuminance	108.42	277	42.0	2.58	6.60
3-Side Wall	Illuminance	23.37	37.1	12.8	1.83	2.90
5-Back Wall	Illuminance	61.57	169	25.0	2.46	6.78
Desk (Pedestal)_Teacher Desk	Illuminance	58.40	68	49	1.19	1.39
Whiteboard Summary_Planar	Illuminance	54.47	79	42	1.30	1.88

LUMINAIRE SCHEDULE

Symbol	Label	Qty	Catalog Number	Description	Lamp	File	Lumens
	A	3	CPSP8IS A19	SP8 SPECIFICATION PREMIUM T8 TROFFER 2'X4' 2 LP T8 #A19 LENS ELEC	TWO 32-WATT T8 LINEAR FLUORESCENT.	2SP8_2_32_A 19_ADDE.ies	3100
	B	6	CPSP8IS A19	SP8 SPECIFICATION PREMIUM T8 TROFFER 2'X4' 2 LP T8 #A19 LENS ELEC	TWO 32-WATT T8 LINEAR FLUORESCENT.	2SP8_2_32_A 19_ADDE.ies	3100



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See plan view

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