

Calculation Summary						
Label	CalcType	Avg	Max	Min	Avg/Min	Max/Min
Student Desk Levels	Illuminance	103.10	275	37.6	2.74	7.30
3-Side Wall	Illuminance	22.43	36.7	11.6	1.93	3.16
5-Back Wall	Illuminance	59.85	168	23.7	2.53	7.07
Desk (Pedestal)_Teacher Desk	Illuminance	57.60	67	49	1.18	1.37
Whiteboard Summary_Planar	Illuminance	53.38	78	40	1.33	1.95

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
 CPSP8PS A19 IN
 Instruction / Daylighting
 Front 100% / 50% Main

LUMINAIRE SCHEDULE

Symbol	Label	Qty	Catalog Number	Description	Lamp	File	Lumens
	A	3	CPSP8PS 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	CPSP8PS 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

Designer
Jim Eads, LC

Date
Mar 16, 2009

Scale
N.T.S.

Drawing No.
99903608D11



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2 of 3

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See plan view

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