



**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
ClassPack SP8 232 PS
Instruction / Daylighting
Front 100% / 50% Main

Designer
Jim Eads, LC

Date
Mar 16, 2009

Scale
N.T.S.

Drawing No.
99903608D9

1 of 3

Daylighting Model is based on upon the following:

Location: Washington DC

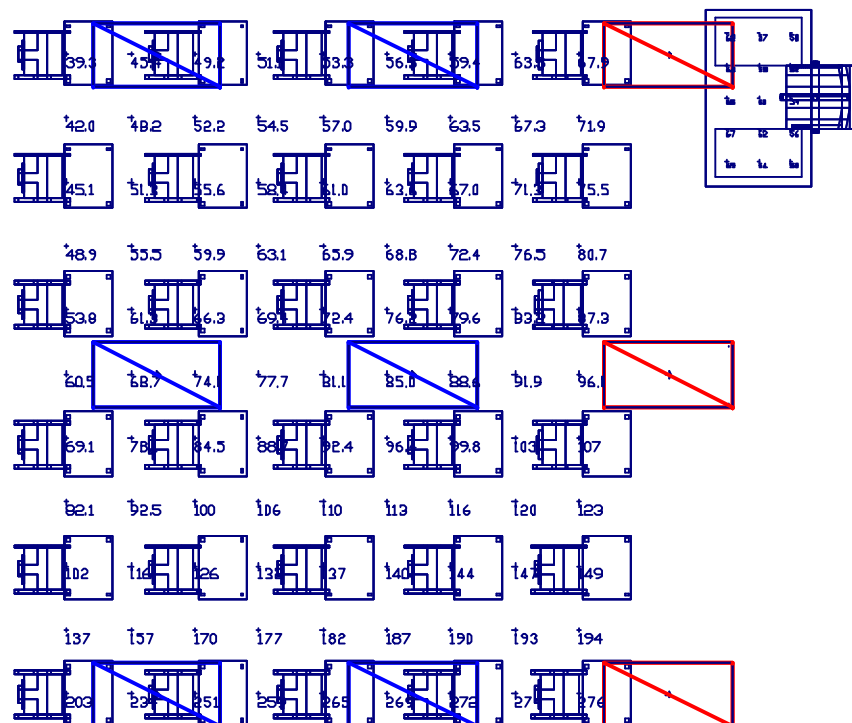
Date: Sept 21

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	104.85	276	39.3	2.67	7.01
3-Side Wall	Illuminance	23.92	37.4	12.8	1.87	2.92
5-Back Wall	Illuminance	61.76	169	25.3	2.44	6.68
Desk (Pedestal)_Teacher Desk	Illuminance	60.00	69	50	1.20	1.38
Whiteboard Summary_Planar	Illuminance	56.38	79	43	1.31	1.84

LUMINAIRE SCHEDULE

Symbol	Label	Qty	Catalog Number	Description	Lamp	File	Lumens
	A	3	CPSP8 PS	CP SPECIFICATION PREMIUM T8 TROFFER 2'X4' 2 LP T8 #A12125 LENS ELEC 120 VOLT	TWO 32-WATT T8 LINEAR FLUORESCENT.	LTL7525.IES	3100
	B	6	CPSP8 PS	SP8 SPECIFICATION PREMIUM T8 TROFFER 2'X4' 2 LP T8 #A12125 LENS ELEC LOW SETTING, 120 VOLT	TWO 32-WATT T8 LINEAR FLUORESCENT.	LTL7525.IES	3100



**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

Class Pack SP8 232 PS

Instruction / Daylighting

Front 100% / 50% Main

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.

Daylighting Model is based on upon the following:

Location: Washington DC

Date: Sept 21

Time: 12:00 pm

Sky: Overcast

Designer

Jim Eads, LC

Date

Mar 16, 2009

Scale

See plan view

Drawing No.

99903608D9

2 of 3



**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

ClassPack SP8 232 PS

Instruction / Daylighting

Front 100% / 50% Main

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.

Daylighting Model is based on upon the following:

Location: Washington DC

Date: Sept 21

Time: 12:00 pm

Sky: Overcast

Designer

Jim Eads, LC

Date

Mar 16, 2009

Scale

See plan view

Drawing No.

99903608D9

3 of 3