



Calculation Summary						
Label	CalcType	Avg	Max	Min	Avg/Min	Max/Min
Student Desk Levels	Illuminance	108.54	278	44.3	2.45	6.27
3-Side Wall	Illuminance	26.16	37.1	14.9	1.76	2.49
5-Back Wall	Illuminance	65.41	172	27.7	2.36	6.21
Desk (Pedestal)_Teacher Desk	Illuminance	59.00	65	51	1.16	1.27
Whiteboard Summary_Planar	Illuminance	60.31	81	46	1.31	1.76

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
RT8 GTHP IS
Instruction / Daylighting
Front 100% / 60% Main

LUMINAIRE SCHEDULE

Symbol	Label	Qty	Catalog Number	Description	Lamp	File	Lumens
	A	3	2RT5B 28T5	RT5B, Volumetric Lighting, 2 X 4, 2 Lamp, F28T5, Internal High Performance Alanod Reflector	TWO 28-WATT LINER FLUORESCENT T5 PREMIUM, HORIZONTAL POS.	2RT5B_28T5.ie s	3100
	B	6	2RT5B 28T5	RT5B, Volumetric Lighting, 2 X 4, 2 Lamp, F28T5, Internal High Performance Alanod Reflector	TWO 28-WATT LINER FLUORESCENT T5 PREMIUM, HORIZONTAL POS.	2RT5B_28T5.ie s	3100

Designer
Jim Eads, LC

Date
Mar 4, 2009

Scale
N.T.S.

Drawing No.
99903608B13



**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

RT8 GTHP IS

Instruction / Daylighting

Front 100% / 60% 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 4, 2009

Scale

N.T.S.

Drawing No.

99903608B13

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

RT8 GTHP IS

Instruction / Daylighting

Front 100% / 60% Main

Designer

Jim Eads, LC

Date

Mar 4, 2009

Scale

See plan view

Drawing No.

99903608B13

3 of 3

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