

## LUMINAIRE SCHEDULE

Symbol	Label	Qty	Catalog Number	Description	Lamp	File	Lumens	LLF	Watts
	B	6	CPES8 IS	PREMIUM, ENERGY SAVING T8, 2'X4' RECESSED 12-CELL, 2-LAMP FIXTURE	TWO 32-WATT T8 LINEAR FLUORESCENT	2ES8P_2_32.ies	3100	0.61	44.3
	C	3	CPES8 IS	PREMIUM, ENERGY SAVING T8, 2'X4' RECESSED 12-CELL, 2-LAMP FIXTURE	TWO 32-WATT T8 LINEAR FLUORESCENT	2ES8P_2_32.ies	3100	0.00	0

## STATISTICS

Description	Symbol	Avg	Max	Min	Max/Min	Avg/Min
1-Student Desk Light Level	+	27 fc	36 fc	10 fc	3.6:1	2.7:1
2-Projection Screen	+	4.7 fc	5.9 fc	3.7 fc	1.6:1	1.3:1
3-Side Wall	□	12 fc	21 fc	3 fc	7.0:1	4.0:1

## POWER DENSITY STATISTICS

Name	# Luminaires	Total Watts	Area	Density
Classroom	9	265.80 W	900.00 ft <sup>2</sup>	0.30 W/ft <sup>2</sup>

## NOTES

- Levels shown are maintained footcandles, based on mean LLD of .94 and LDD of .91.
- Ballast factor for type B is .71(step dim of 60 of 1.18). Type C fixture turned off.
- Horizontal task planes are 2.5' AFF.



**LITHONIA  
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Typical Classroom layout  
ClassPack ES8 232 IS  
AV activity  
Lighting Analysis

**Designer**  
Wayne Palmer,LC

**Date**  
FEB 24, 2009

**Scale**  
See plan view

**Drawing No.**  
99903608A18

1 of 3





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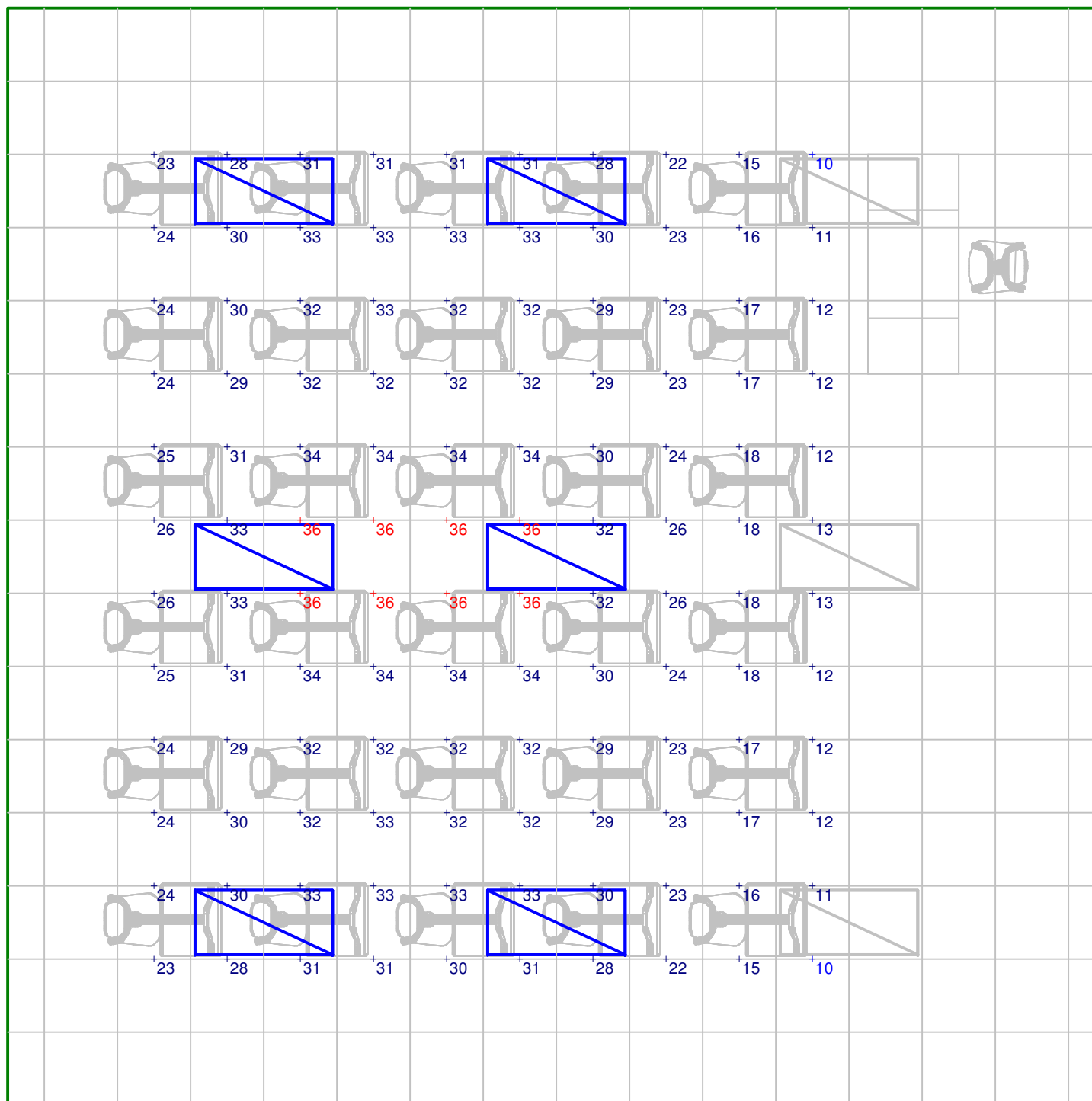
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**PLAN VIEW**

Scale 1" = 4'

Calculated values include direct and interreflected components.