


LUMINAIRE SCHEDULE

Symbol	Label	Qty	Catalog Number	Description	Lamp	File	Lumens	LLF	Watts
	A	9	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	1.01	73.7

STATISTICS

Description	Symbol	Avg	Max	Min	Max/Min	Avg/Min
1-Student Desk Light Level	+	59 fc	71 fc	40 fc	1.8:1	1.5:1
2-Teacher Desk Horizontal	◇	49 fc	54 fc	43 fc	1.3:1	1.1:1
3-Whiteboard	■	24 fc	27 fc	20 fc	1.4:1	1.2:1
4-Side Wall	□	30 fc	41 fc	16 fc	2.6:1	1.9:1
5-Back Wall	✕	22 fc	27 fc	17 fc	1.6:1	1.3:1

POWER DENSITY STATISTICS

Name	# Luminaires	Total Watts	Area	Density
Classroom	9	663.30 W	900.00 ft ²	0.74 W/ft ²

NOTES

- Levels shown are maintained footcandles, based on mean LLD of .94 and LDD of .91.
- Ballast factor 1.18
- Horizontal task planes are 2.5' AFF.



**LITHONIA
LIGHTING**

An AcuityBrands 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 ES8 232 IS
Instructional activity
Lighting Analysis

Designer
Wayne Palmer,LC

Date
Jan 24, 2008

Scale
See plan view

Drawing No.
99903608A17

1 of 3



**LITHONIA
LIGHTING**

An Acuity Brands Company

**LIGHTING
TECHNOLOGY**

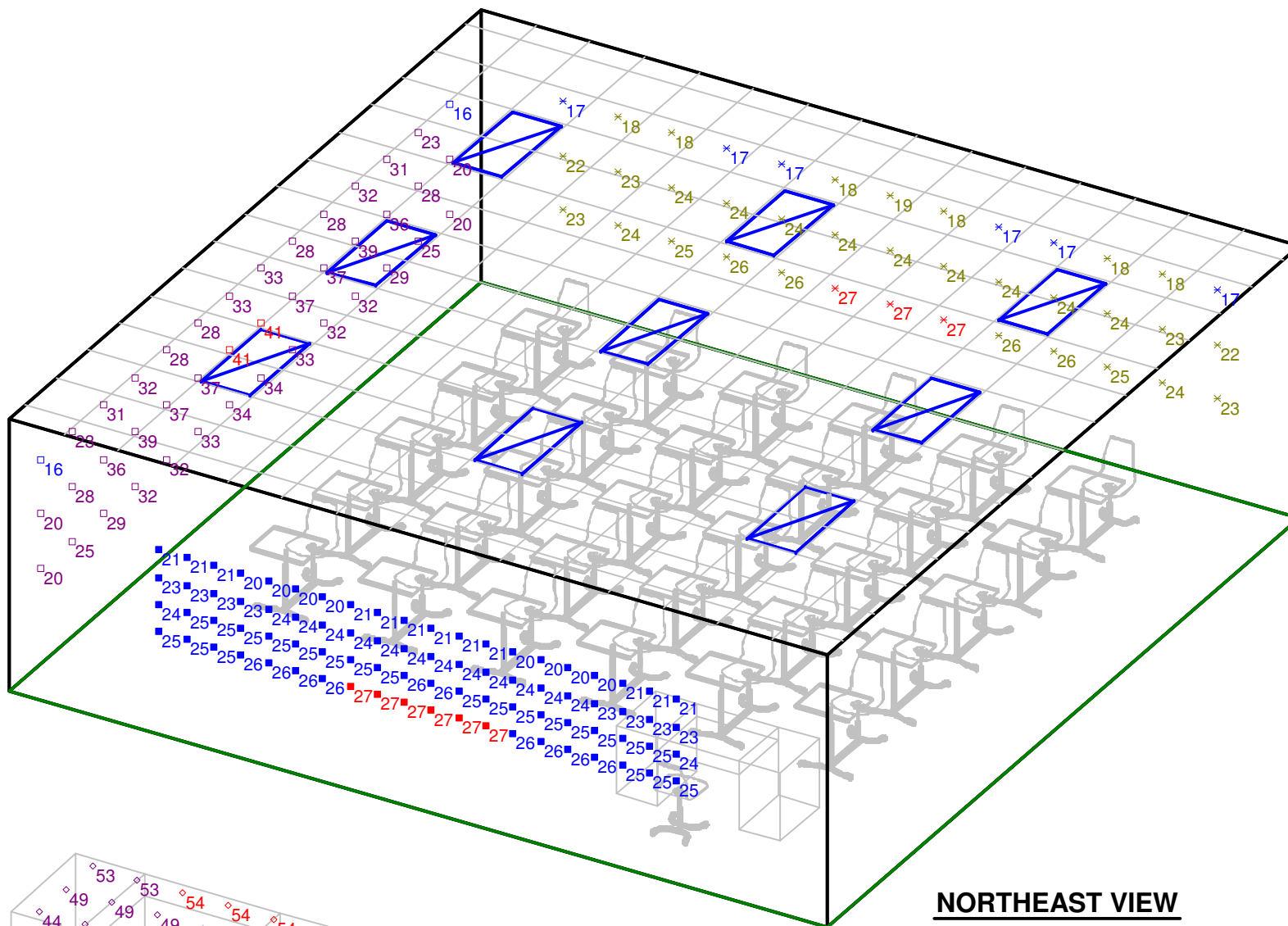
lighting.tech@lithonia.com

One Lithonia Way

Conyers, GA 30012

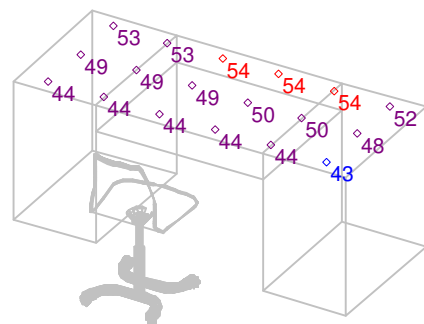
P: (800) 279-8043

F: (770) 929-3625



NORTHEAST VIEW

Not to Scale



Teacher Desk Horizontal

Not to Scale

Typical Classroom layout
ClassPack ES8 232 IS
Instructional activity
Lighting Analysis

Designer
Wayne Palmer,LC

Date
Jan 24, 2008

Scale
See plan view

Drawing No.
99903608A17

2 of 3

