

ADEO 2X4



T5, T5HO, T8 ARCHITECTURAL RECESSED LUMINAIRE

50' x 50' 8' x 10' OC Spacing

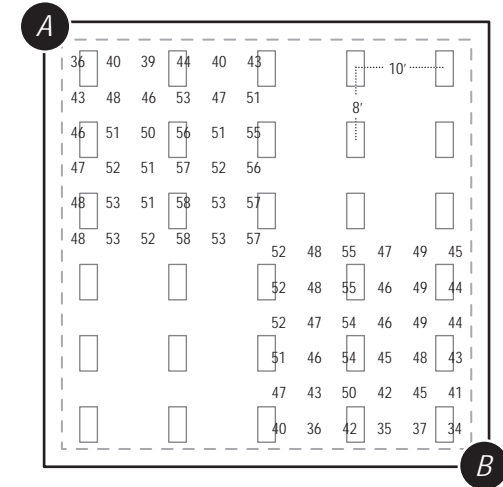
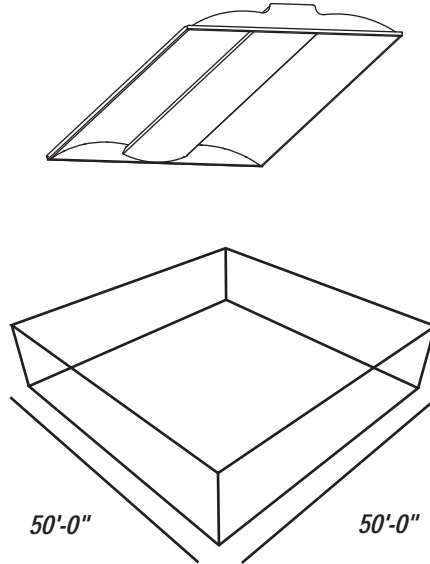
ROOM PARAMETERS

Reflectances: ceiling - 80%
walls - 50%
floor - 20%

Light Loss Factor: T5/T5HO 0.85
T8 0.75

Ballast Factor, Lamp Lumen Depreciation & Luminaire Dirt Depreciation

Workplane (2'-6") Calculation



Open Space

Calculation area: 46' x 46'

Typical Calculation Distribution: 4' Point Spacing

Ceiling Height	ADEO 2X4			
	1T5	2T5	3T5	
8'	Average:	26.4 fc	52.5 fc	76.9 fc
	Maximum:	34.0 fc	68.0 fc	99.0 fc *
	Minimum:	18.0 fc	37.0 fc	53.0 fc *
	Avg/Min Ratio:	1.47	1.42	1.45
9'	Average:	25.5 fc	50.7 fc	74.4 fc
	Maximum:	30.0 fc	61.0 fc	89.0 fc *
	Minimum:	18.0 fc	35.0 fc	52.0 fc *
	Avg/Min Ratio:	1.42	1.45	1.43
10'	Average:	24.7 fc	49.1 fc	72.1 fc
	Maximum:	28.0 fc	57.0 fc	84.0 fc *
	Minimum:	17.0 fc	33.0 fc	48.0 fc *
	Avg/Min Ratio:	1.45	1.49	1.50
Lighting Power Density WPSF				
	.384	.744	1.164	

ADEO 2X4			
1T5HO	2T5HO	3T5HO	
Average:	45.5 fc	90.4 fc	132.6 fc
Maximum:	58.0 fc	116.0 fc *	171.0 fc *
Minimum:	32.0 fc	63.0 fc *	92.0 fc *
Avg/Min Ratio:	1.42	1.44	1.44
Average:	44.0 fc	87.3 fc	128.2 fc
Maximum:	53.0 fc	104.0 fc *	153.0 fc *
Minimum:	30.0 fc	60.0 fc *	89.0 fc *
Avg/Min Ratio:	1.47	1.45	1.44
Average:	42.6 fc	84.5 fc	124.2 fc
Maximum:	49.0 fc	98.0 fc *	144.0 fc *
Minimum:	29.0 fc	57.0 fc *	83.0 fc *
Avg/Min Ratio:	1.47	1.48	1.50
Lighting Power Density WPSF			
.744	1.416	2.196	

ADEO 2X4			
1T8	2T8	3T8	
Average:	25.7 fc	48.6 fc	67.1 fc
Maximum:	33.0 fc	65.0 fc	91.0 fc *
Minimum:	18.0 fc	33.0 fc	44.0 fc *
Avg/Min Ratio:	1.43	1.47	1.53
Average:	24.9 fc	47.0 fc	65.0 fc
Maximum:	30.0 fc	57.0 fc	80.0 fc *
Minimum:	17.0 fc	33.0 fc	46.0 fc *
Avg/Min Ratio:	1.46	1.42	1.41
Average:	24.1 fc	45.5 fc	63.1 fc
Maximum:	28.0 fc	53.0 fc	74.0 fc *
Minimum:	16.0 fc	31.0 fc	43.0 fc *
Avg/Min Ratio:	1.51	1.47	1.47
Lighting Power Density WPSF			
.360	.708	1.044	

- NOTES:
- * This application is not recommended
 - Partitions will reduce light levels up to 25%
 - Calculation Point Spacing: 2'

ADEO 2x4



T5, T5HO, T8 ARCHITECTURAL RECESSED LUMINAIRE

50' x 50' 10' x 10' OC Spacing

ROOM PARAMETERS

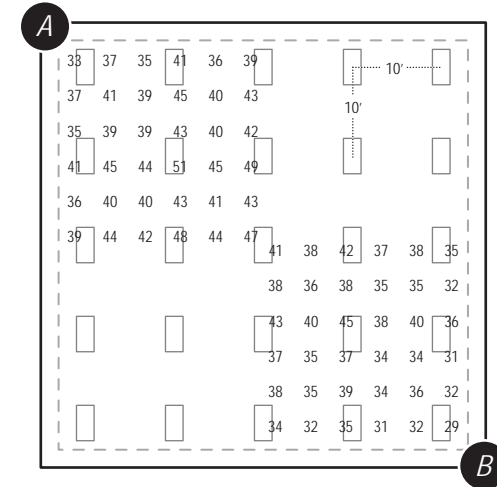
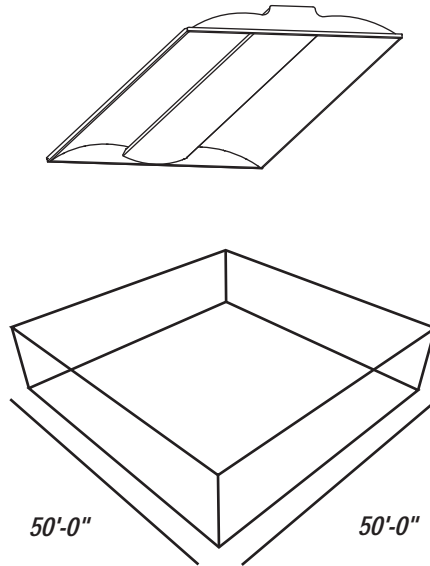
Reflectances: ceiling - 80%
walls - 50%
floor - 20%

Light Loss Factor: T5/T5HO 0.85
T8 0.75

Ballast Factor, Lamp Lumen Depreciation & Luminaire Dirt Depreciation

Workplane (2'-6") Calculation

Ceiling Height	ADEO 2x4		
	1T5	2T5	3T5
8'	Average: 21.7 fc Maximum: 30.0 fc Minimum: 18.0 fc Avg/Min Ratio: 1.21	Average: 43.4 fc Maximum: 60.0 fc Minimum: 35.0 fc Avg/Min Ratio: 1.24	Average: 63.6 fc Maximum: 88.0 fc Minimum: 51.0 fc Avg/Min Ratio: 1.25
9'	Average: 21.1 fc Maximum: 26.0 fc Minimum: 17.0 fc Avg/Min Ratio: 1.24	Average: 41.9 fc Maximum: 52.0 fc Minimum: 33.0 fc Avg/Min Ratio: 1.27	Average: 61.5 fc Maximum: 76.0 fc Minimum: 49.0 fc Avg/Min Ratio: 1.26
10'	Average: 20.4 fc Maximum: 24.0 fc Minimum: 15.0 fc Avg/Min Ratio: 1.36	Average: 40.6 fc Maximum: 48.0 fc Minimum: 31.0 fc Avg/Min Ratio: 1.31	Average: 59.6 fc Maximum: 70.0 fc Minimum: 45.0 fc Avg/Min Ratio: 1.32
Lighting Power Density WPSF	.320	.620	.970



Open Space

Calculation area: 46' x 46'

Typical Calculation Distribution: 4' Point Spacing

ADEO 2x4			
1T5HO	2T5HO	3T5HO	
Average: 37.5 fc Maximum: 52.0 fc Minimum: 30.0 fc Avg/Min Ratio: 1.25	Average: 74.8 fc Maximum: 102.0 fc Minimum: 60.0 fc Avg/Min Ratio: 1.25	Average: 109.7 fc Maximum: 150.0 fc Minimum: 88.0 fc Avg/Min Ratio: 1.25	
Average: 36.4 fc Maximum: 45.0 fc Minimum: 29.0 fc Avg/Min Ratio: 1.25	Average: 72.2 fc Maximum: 89.0 fc Minimum: 58.0 fc Avg/Min Ratio: 1.25	Average: 106.0 fc Maximum: 130.0 fc Minimum: 85.0 fc Avg/Min Ratio: 1.25	
Average: 35.2 fc Maximum: 41.0 fc Minimum: 27.0 fc Avg/Min Ratio: 1.30	Average: 70.0 fc Maximum: 82.0 fc Minimum: 53.0 fc Avg/Min Ratio: 1.32	Average: 102.7 fc Maximum: 120.0 fc Minimum: 77.0 fc Avg/Min Ratio: 1.33	
Lighting Power Density WPSF	.620	1.180	1.830

ADEO 2x4			
1T8	2T8	3T8	
Average: 21.3 fc Maximum: 29.0 fc Minimum: 17.0 fc Avg/Min Ratio: 1.25	Average: 40.2 fc Maximum: 57.0 fc Minimum: 31.0 fc Avg/Min Ratio: 1.30	Average: 55.6 fc Maximum: 81.0 fc Minimum: 43.0 fc Avg/Min Ratio: 1.29	
Average: 20.6 fc Maximum: 25.0 fc Minimum: 16.0 fc Avg/Min Ratio: 1.29	Average: 38.8 fc Maximum: 49.0 fc Minimum: 31.0 fc Avg/Min Ratio: 1.25	Average: 53.8 fc Maximum: 69.0 fc Minimum: 43.0 fc Avg/Min Ratio: 1.25	
Average: 19.9 fc Maximum: 23.0 fc Minimum: 15.0 fc Avg/Min Ratio: 1.33	Average: 37.6 fc Maximum: 45.0 fc Minimum: 29.0 fc Avg/Min Ratio: 1.30	Average: 52.2 fc Maximum: 62.0 fc Minimum: 40.0 fc Avg/Min Ratio: 1.30	
Lighting Power Density WPSF	.300	.590	.870

- NOTES:
- ★ This application is not recommended
 - Partitions will reduce light levels up to 25%
 - Calculation Point Spacing: 2'

ADEO 2x4



T5, T5HO, T8 ARCHITECTURAL RECESSED LUMINAIRE

50' x 50' 10' x 12' OC Spacing

ROOM PARAMETERS

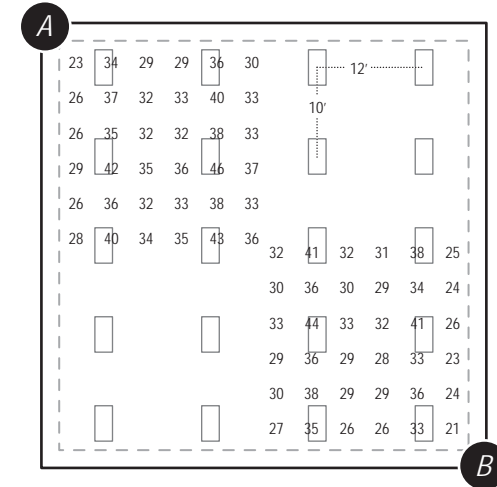
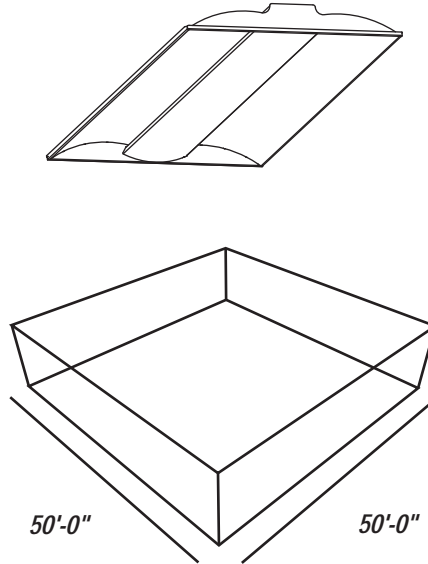
Reflectances: ceiling - 80%
walls - 50%
floor - 20%

Light Loss Factor: T5/T5HO 0.85
T8 0.75

Ballast Factor, Lamp Lumen Depreciation & Luminaire Dirt Depreciation

Workplane (2'-6") Calculation

Ceiling Height	ADEO 2x4			
	1T5	2T5	3T5	
8'	Average:	17.9 fc	35.7 fc	52.4 fc
	Maximum:	27.0 fc	54.0 fc	80.0 fc
	Minimum:	12.0 fc	24.0 fc	35.0 fc
	Avg/Min Ratio:	1.49	1.49	1.50
9'	Average:	17.3 fc	34.5 fc	50.6 fc
	Maximum:	23.0 fc	46.0 fc	67.0 fc
	Minimum:	12.0 fc	23.0 fc	34.0 fc
	Avg/Min Ratio:	1.44	1.50	1.49
10'	Average:	16.7 fc	33.3 fc	48.9 fc
	Maximum:	20.0 fc	41.0 fc	60.0 fc
	Minimum:	11.0 fc	22.0 fc	33.0 fc
	Avg/Min Ratio:	1.52	1.51	1.48
Lighting Power Density WPSF	.256	.496	.776	



Open Space

Calculation area: 46' x 46'

Typical Calculation Distribution: 4' Point Spacing

		1T5HO	2T5HO	3T5HO
8'	Average:	30.9 fc	61.6 fc	90.4 fc
	Maximum:	47.0 fc	93.0 fc *	137.0 fc *
	Minimum:	21.0 fc	41.0 fc	60.0 fc
	Avg/Min Ratio:	1.47	1.50	1.51
9'	Average:	29.9 fc	59.4 fc	87.2 fc
	Maximum:	40.0 fc	78.0 fc	115.0 fc *
	Minimum:	20.0 fc	40.0 fc	59.0 fc
	Avg/Min Ratio:	1.49	1.49	1.48
10'	Average:	28.9 fc	57.5 fc	84.3 fc
	Maximum:	35.0 fc	70.0 fc	103.0 fc *
	Minimum:	20.0 fc	39.0 fc	57.0 fc
	Avg/Min Ratio:	1.44	1.47	1.48
Lighting Power Density WPSF	.496	.944	1.464	

		1T8	2T8	3T8
8'	Average:	17.4 fc	33.2 fc	45.8 fc
	Maximum:	27.0 fc	53.0 fc	75.0 fc
	Minimum:	12.0 fc	22.0 fc	30.0 fc
	Avg/Min Ratio:	1.45	1.51	1.53
9'	Average:	16.9 fc	32.0 fc	44.3 fc
	Maximum:	23.0 fc	44.0 fc	62.0 fc
	Minimum:	11.0 fc	21.0 fc	29.0 fc
	Avg/Min Ratio:	1.54	1.52	1.53
10'	Average:	16.3 fc	31.0 fc	42.8 fc
	Maximum:	20.0 fc	39.0 fc	55.0 fc
	Minimum:	11.0 fc	21.0 fc	28.0 fc
	Avg/Min Ratio:	1.48	1.47	1.53
Lighting Power Density WPSF	.240	.472	.696	

- NOTES:
- * This application is not recommended
 - Partitions will reduce light levels up to 25%
 - Calculation Point Spacing: 2'

ADEO 1X4



T5, T5HO, T8 ARCHITECTURAL RECESSED LUMINAIRE

50' x 50' 8' x 10' OC Spacing

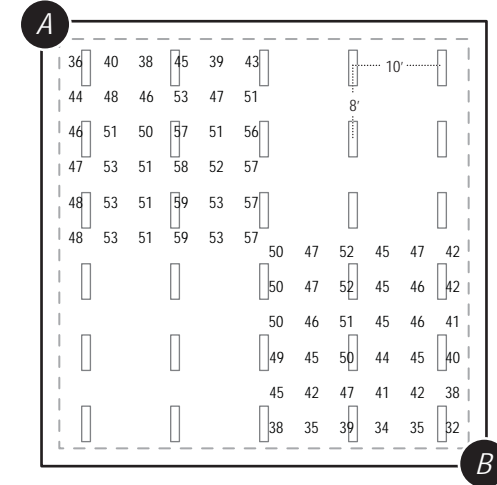
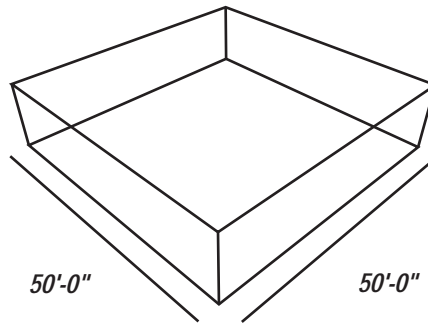
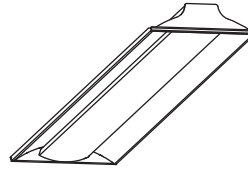
ROOM PARAMETERS

Reflectances: ceiling - 80%
walls - 50%
floor - 20%

Light Loss Factor: T5/T5HO 0.85
T8 0.75

Ballast Factor, Lamp Lumen Depreciation & Luminaire Dirt Depreciation

Workplane (2'-6") Calculation



Open Space

Calculation area: 46' x 46'

Typical Calculation Distribution: 4' Point Spacing

Ceiling Height	1T5		2T5	
	8'	Average: 26.8 fc Maximum: 35.0 fc Minimum: 18.0 fc Avg/Min Ratio: 1.49	Average: 52.9 fc Maximum: 69.0 fc Minimum: 36.0 fc Avg/Min Ratio: 1.47	
9'	Average: 26.0 fc Maximum: 31.0 fc Minimum: 18.0 fc Avg/Min Ratio: 1.44	Average: 51.1 fc Maximum: 62.0 fc Minimum: 35.0 fc Avg/Min Ratio: 1.46		
10'	Average: 25.1 fc Maximum: 29.0 fc Minimum: 17.0 fc Avg/Min Ratio: 1.48	Average: 49.6 fc Maximum: 58.0 fc Minimum: 33.0 fc Avg/Min Ratio: 1.50		
	Lighting Power Density WPSF	.384	.744	

1T5HO		2T5HO	
Average: 46.3 fc Maximum: 60.0 fc Minimum: 32.0 fc Avg/Min Ratio: 1.45	Average: 91.2 fc Maximum: 118.0 fc Minimum: 63.0 fc Avg/Min Ratio: 1.45		
Average: 44.8 fc Maximum: 54.0 fc Minimum: 31.0 fc Avg/Min Ratio: 1.44	Average: 88.2 fc Maximum: 106.0 fc Minimum: 60.0 fc Avg/Min Ratio: 1.47		
Average: 43.4 fc Maximum: 51.0 fc Minimum: 29.0 fc Avg/Min Ratio: 1.50	Average: 85.5 fc Maximum: 99.0 fc Minimum: 57.0 fc Avg/Min Ratio: 1.50		
Lighting Power Density WPSF	.744	1.416	

1T8		2T8	
Average: 25.9 fc Maximum: 34.0 fc Minimum: 17.0 fc Avg/Min Ratio: 1.52	Average: 46.5 fc Maximum: 64.0 fc Minimum: 30.0 fc Avg/Min Ratio: 1.55		
Average: 25.1 fc Maximum: 30.0 fc Minimum: 17.0 fc Avg/Min Ratio: 1.47	Average: 45.1 fc Maximum: 56.0 fc Minimum: 31.0 fc Avg/Min Ratio: 1.45		
Average: 24.3 fc Maximum: 28.0 fc Minimum: 16.0 fc Avg/Min Ratio: 1.52	Average: 43.7 fc Maximum: 52.0 fc Minimum: 29.0 fc Avg/Min Ratio: 1.51		
Lighting Power Density WPSF	.360	.708	

- NOTES:
- ★ This application is not recommended
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ADEO 1 X 4



T5, T5HO, T8 ARCHITECTURAL RECESSED LUMINAIRE

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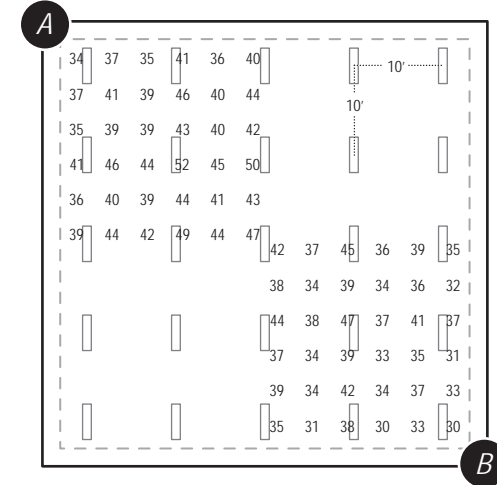
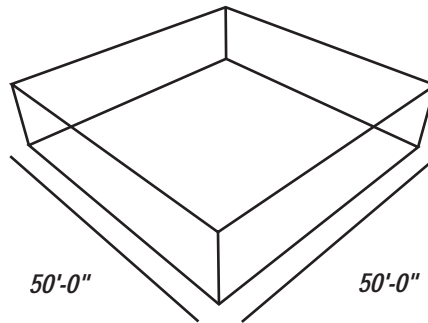
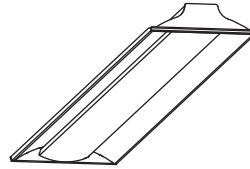
ROOM PARAMETERS

Reflectances: ceiling - 80%
walls - 50%
floor - 20%

Light Loss Factor: T5/T5HO 0.85
T8 0.75

Ballast Factor, Lamp Lumen Depreciation & Luminaire Dirt Depreciation

Workplane (2'-6") Calculation



Open Space

Calculation area: 46' x 46'

Typical Calculation Distribution: 4' Point Spacing

Ceiling Height	1T5		2T5		1T5HO		2T5HO		1T8		2T8	
	8'	Average: 22.2 fc	43.7 fc	38.2 fc	75.3 fc	21.4 fc	38.4 fc	30.0 fc	56.0 fc	20.7 fc	37.1 fc	26.0 fc
9'	Maximum: 30.0 fc	61.0 fc	52.0 fc	105.0 fc *	30.0 fc	60.0 fc *	29.0 fc	58.0 fc *	20.0 fc	36.0 fc	24.0 fc	43.0 fc
	Minimum: 18.0 fc	35.0 fc	30.0 fc	60.0 fc	17.0 fc	29.0 fc	17.0 fc	29.0 fc	15.0 fc	28.0 fc	15.0 fc	28.0 fc
10'	Avg/Min Ratio: 1.23	1.25	1.27	1.25	1.26	1.32	1.22	1.28	1.34	1.29	1.32	1.29
	Lighting Power Density WPSF	.320	.620	.620	1.180	.300	.590					

- NOTES:
- * This application is not recommended
 - Partitions will reduce light levels up to 25%
 - Calculation Point Spacing: 2'

ADEO 1X4



T5, T5HO, T8 ARCHITECTURAL RECESSED LUMINAIRE

50' x 50' 10' x 12' OC Spacing

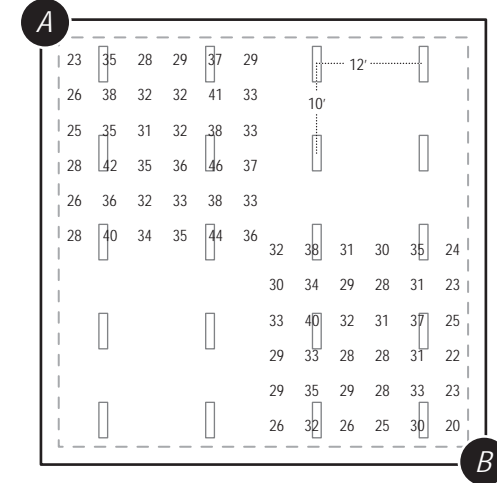
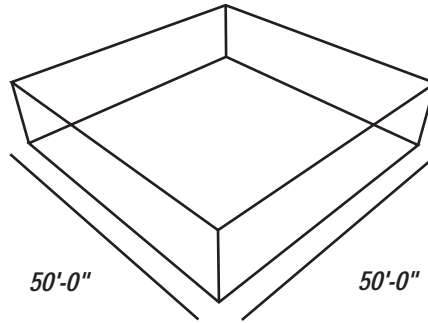
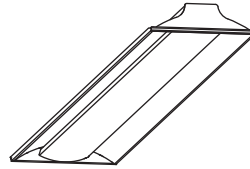
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 T8 0.75

Ballast Factor, Lamp Lumen Depreciation & Luminaire Dirt Depreciation

Workplane (2'-6") Calculation



Open Space

Calculation area: 46' x 46'

Typical Calculation Distribution: 4' Point Spacing

Ceiling Height	1T5		2T5	
	8'	Average: 18.2 fc Maximum: 28.0 fc Minimum: 12.0 fc Avg/Min Ratio: 1.52	Average: 35.9 fc Maximum: 55.0 fc Minimum: 24.0 fc Avg/Min Ratio: 1.50	
9'	Average: 17.6 fc Maximum: 23.0 fc Minimum: 12.0 fc Avg/Min Ratio: 1.46	Average: 34.6 fc Maximum: 46.0 fc Minimum: 23.0 fc Avg/Min Ratio: 1.51		
10'	Average: 17.0 fc Maximum: 21.0 fc Minimum: 11.0 fc Avg/Min Ratio: 1.55	Average: 33.5 fc Maximum: 42.0 fc Minimum: 22.0 fc Avg/Min Ratio: 1.52		
	Lighting Power Density WPSF	.256	.496	

1T5HO		2T5HO	
Average: 31.4 fc Maximum: 48.0 fc Minimum: 21.0 fc Avg/Min Ratio: 1.49	Average: 61.9 fc Maximum: 95.0 fc Minimum: 41.0 fc Avg/Min Ratio: 1.51		
Average: 30.3 fc Maximum: 40.0 fc Minimum: 20.0 fc Avg/Min Ratio: 1.52	Average: 59.7 fc Maximum: 80.0 fc Minimum: 40.0 fc Avg/Min Ratio: 1.49		
Average: 29.3 fc Maximum: 36.0 fc Minimum: 19.0 fc Avg/Min Ratio: 1.54	Average: 57.7 fc Maximum: 72.0 fc Minimum: 38.0 fc Avg/Min Ratio: 1.52		
Lighting Power Density WPSF	.496	.944	

1T8		2T8	
Average: 17.5 fc Maximum: 28.0 fc Minimum: 11.0 fc Avg/Min Ratio: 1.59	Average: 31.6 fc Maximum: 52.0 fc Minimum: 20.0 fc Avg/Min Ratio: 1.58		
Average: 17.0 fc Maximum: 23.0 fc Minimum: 11.0 fc Avg/Min Ratio: 1.54	Average: 30.5 fc Maximum: 43.0 fc Minimum: 20.0 fc Avg/Min Ratio: 1.53		
Average: 16.4 fc Maximum: 21.0 fc Minimum: 11.0 fc Avg/Min Ratio: 1.49	Average: 29.6 fc Maximum: 38.0 fc Minimum: 19.0 fc Avg/Min Ratio: 1.56		
Lighting Power Density WPSF	.240	.472	

- NOTES:
- * This application is not recommended
 - Partitions will reduce light levels up to 25%
 - Calculation Point Spacing: 2'

ADEO 2x2



Biax, T5, T5HO, T8 ARCHITECTURAL RECESSED LUMINAIRE

50' x 50' 8' x 8' OC Spacing

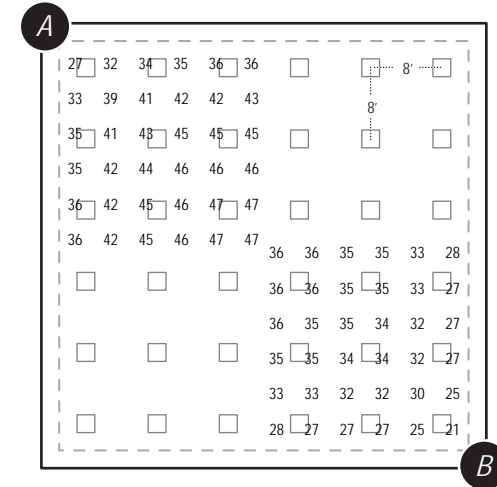
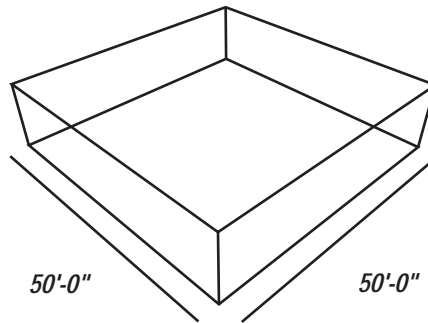
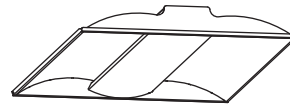
ROOM PARAMETERS

Reflectances: ceiling - 80%
walls - 50%
floor - 20%

Light Loss Factor: T5/T5HO 0.85
T8/BX 0.75

Ballast Factor, Lamp Lumen Depreciation & Luminaire Dirt Depreciation

Workplane (2'-6") Calculation



Open Space

Calculation area: 46' x 46'

Typical Calculation Distribution: 4' Point Spacing

Ceiling Height

8'

9'

10'

	1T5	2T5	3T5	1T5HO	2T5HO	3T5HO	1T8	2T8	3T8	1BX25	2BX25	1BX40	2BX40	1BX55
Average:	14.9 fc	29.6 fc	43.4 fc	21.9 fc	43.4 fc	63.7 fc	14.7 fc	27.8 fc	38.4 fc	27.6 fc	51.1 fc	33.4 fc	61.9 fc	51.4 fc
Maximum:	18.0 fc	37.0 fc	53.0 fc	27.0 fc	53.0 fc	78.0 fc *	18.0 fc	35.0 fc	49.0 fc	34.0 fc	64.0 fc	41.0 fc	78.0 fc *	64.0 fc
Minimum:	10.0 fc	20.0 fc	29.0 fc	15.0 fc	29.0 fc	43.0 fc *	10.0 fc	19.0 fc	26.0 fc	19.0 fc	35.0 fc	23.0 fc	42.0 fc *	35.0 fc
Avg/Min Ratio:	1.49	1.48	1.50	1.46	1.50	1.48	1.47	1.46	1.48	1.45	1.46	1.45	1.47	1.47
Average:	14.4 fc	28.6 fc	41.9 fc	21.1 fc	42.0 fc	61.5 fc	14.2 fc	26.8 fc	37.0 fc	26.7 fc	49.4 fc	32.4 fc	59.9 fc	49.7 fc
Maximum:	17.0 fc	34.0 fc	49.0 fc	25.0 fc	49.0 fc	72.0 fc *	17.0 fc	32.0 fc	44.0 fc	31.0 fc	58.0 fc	38.0 fc	70.0 fc	58.0 fc
Minimum:	9.0 fc	19.0 fc	27.0 fc	14.0 fc	27.0 fc	40.0 fc *	9.0 fc	18.0 fc	24.0 fc	17.0 fc	32.0 fc	21.0 fc	39.0 fc	32.0 fc
Avg/Min Ratio:	1.60	1.51	1.55	1.51	1.55	1.54	1.58	1.49	1.54	1.57	1.54	1.54	1.54	1.55
Average:	13.9 fc	27.7 fc	40.6 fc	20.4 fc	40.6 fc	59.6 fc	13.7 fc	26.0 fc	35.9 fc	25.9 fc	47.9 fc	31.3 fc	58.0 fc	48.2 fc
Maximum:	16.0 fc	32.0 fc	47.0 fc	24.0 fc	47.0 fc	69.0 fc	16.0 fc	30.0 fc	42.0 fc	30.0 fc	55.0 fc	36.0 fc	67.0 fc	56.0 fc
Minimum:	9.0 fc	18.0 fc	26.0 fc	13.0 fc	26.0 fc	38.0 fc	9.0 fc	16.0 fc	23.0 fc	16.0 fc	30.0 fc	20.0 fc	37.0 fc	31.0 fc
Avg/Min Ratio:	1.54	1.54	2.56	1.57	1.56	1.57	1.53	1.63	1.56	1.62	1.60	1.56	1.57	1.55
Lighting Power Density WPSF	.230	.461	.706	.418	.749	1.210	.302	.461	.691	.461	.821	.504	.979	.893

- NOTES:
- * This application is not recommended
 - Partitions will reduce light levels up to 25%
 - Calculation Point Spacing: 2'

ADEO 2x2



Biax, T5, T5HO, T8 ARCHITECTURAL RECESSED LUMINAIRE

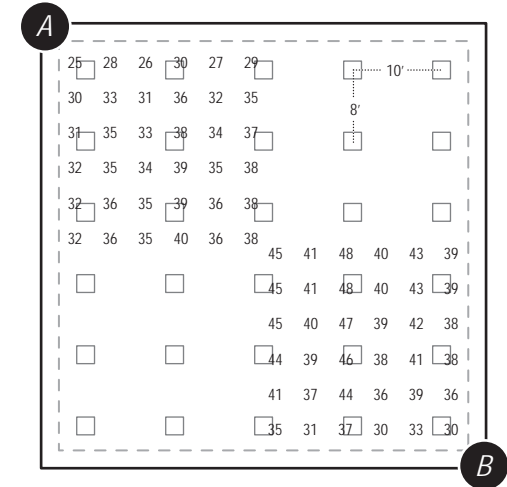
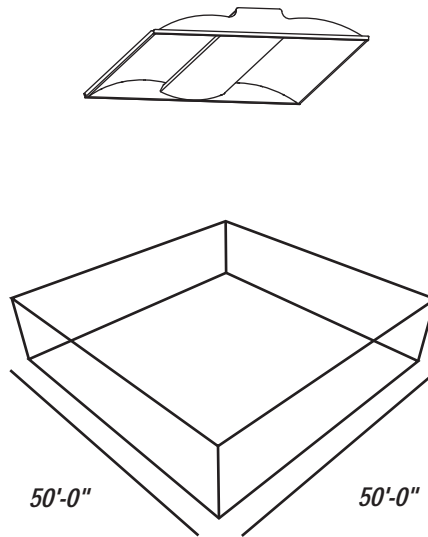
50' x 50' 8' x 10' OC Spacing

ROOM PARAMETERS

Reflectances: ceiling - 80%
walls - 50%
floor - 20%

Light Loss Factor: T5/T5HO 0.85
T8/BX 0.75

Ballast Factor, Lamp Lumen Depreciation & Luminaire Dirt Depreciation



Open Space
Calculation area: 46' x 46'

Typical Calculation Distribution: 4' Point Spacing

Workplane (2'-6") Calculation

Ceiling Height															
	1T5	2T5	3T5	1T5HO	2T5HO	3T5HO	1T8	2T8	3T8	1BX25	2BX25	1BX40	2BX40	1BX55	
8'	Average:	12.3 fc	24.4 fc	35.9 fc	18.0 fc	35.9 fc	52.6 fc	12.1 fc	22.9 fc	31.7 fc	22.9 fc	42.2 fc	27.5 fc	51.2 fc	42.4 fc
	Maximum:	16.0 fc	32.0 fc	46.0 fc	23.0 fc	46.0 fc	68.0 fc	16.0 fc	30.0 fc	43.0 fc	30.0 fc	57.0 fc	36.0 fc	69.0 fc	55.0 fc
	Minimum:	9.0 fc	17.0 fc	25.0 fc	13.0 fc	25.0 fc	37.0 fc	8.0 fc	15.0 fc	21.0 fc	16.0 fc	28.0 fc	19.0 fc	34.0 fc	29.0 fc
	Avg/Min Ratio:	1.37	1.44	1.43	1.38	1.43	1.42	1.51	1.52	1.51	1.43	1.51	1.45	1.50	1.46
9'	Average:	11.9 fc	23.6 fc	34.6 fc	17.4 fc	34.6 fc	50.8 fc	11.7 fc	22.1 fc	30.6 fc	22.0 fc	40.8 fc	26.7 fc	49.5 fc	41.0 fc
	Maximum:	14.0 fc	28.0 fc	41.0 fc	21.0 fc	41.0 fc	61.0 fc	14.0 fc	27.0 fc	38.0 fc	27.0 fc	50.0 fc	32.0 fc	60.0 fc	49.0 fc
	Minimum:	8.0 fc	16.0 fc	24.0 fc	12.0 fc	24.0 fc	35.0 fc	8.0 fc	16.0 fc	22.0 fc	15.0 fc	29.0 fc	19.0 fc	35.0 fc	29.0 fc
	Avg/Min Ratio:	1.48	1.47	1.44	1.45	1.44	1.45	1.47	1.38	1.39	1.47	1.41	1.40	1.41	1.41
10'	Average:	11.5 fc	22.9 fc	33.5 fc	16.8 fc	33.5 fc	49.2 fc	11.4 fc	21.4 fc	29.7 fc	21.4 fc	39.6 fc	25.9 fc	47.9 fc	39.8 fc
	Maximum:	13.0 fc	27.0 fc	39.0 fc	20.0 fc	39.0 fc	57.0 fc	13.0 fc	25.0 fc	35.0 fc	25.0 fc	46.0 fc	30.0 fc	56.0 fc	46.0 fc
	Minimum:	8.0 fc	15.0 fc	22.0 fc	11.0 fc	22.0 fc	33.0 fc	8.0 fc	14.0 fc	20.0 fc	14.0 fc	27.0 fc	17.0 fc	32.0 fc	27.0 fc
	Avg/Min Ratio:	1.44	1.52	1.52	1.53	1.52	1.49	1.42	1.53	1.48	1.53	1.47	1.52	1.50	1.47
Lighting Power Density WPSF	.192	.384	.588	.348	.624	1.008	.252	.384	.576	.384	.684	.420	.816	.744	

- NOTES:
- ★ This application is not recommended
 - Partitions will reduce light levels up to 25%
 - Calculation Point Spacing: 2'

ADEO 2x2



Biax, T5, T5HO, T8 ARCHITECTURAL RECESSED LUMINAIRE

50' x 50' 10' x 10' OC Spacing

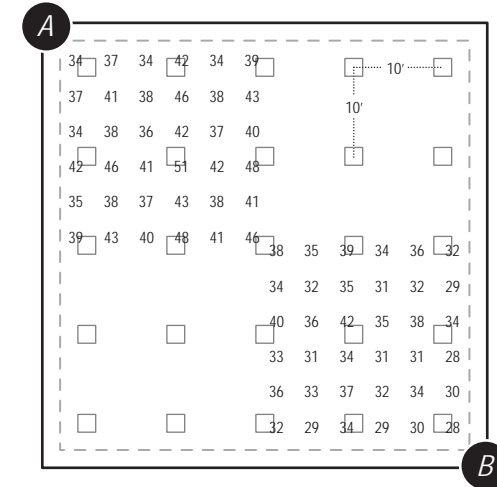
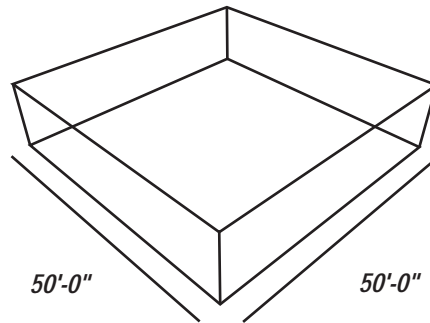
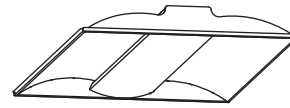
ROOM PARAMETERS

Reflectances: ceiling - 80%
walls - 50%
floor - 20%

Light Loss Factor: T5/T5HO 0.85
T8/BX 0.75

Ballast Factor, Lamp Lumen Depreciation & Luminaire Dirt Depreciation

Workplane (2'-6") Calculation



Open Space

Calculation area: 46' x 46'

Typical Calculation Distribution: 4' Point Spacing

Ceiling Height

8'

9'

10'

	1T5	2T5	3T5	1T5HO	2T5HO	3T5HO	1T8	2T8	3T8	1BX25	2BX25	1BX40	2BX40	1BX55
Average:	10.2 fc	20.2 fc	29.6 fc	14.9 fc	29.6 fc	43.4 fc	10.0 fc	18.9 fc	26.1 fc	18.8 fc	34.9 fc	22.8 fc	42.2 fc	35.0 fc
Maximum:	14.0 fc	28.0 fc	41.0 fc	20.0 fc	40.0 fc	60.0 fc	14.0 fc	27.0 fc	38.0 fc	27.0 fc	50.0 fc	32.0 fc	61.0 fc	49.0 fc
Minimum:	8.0 fc	16.0 fc	23.0 fc	12.0 fc	23.0 fc	34.0 fc	8.0 fc	15.0 fc	20.0 fc	15.0 fc	27.0 fc	18.0 fc	32.0 fc	27.0 fc
Avg/Min Ratio:	1.27	1.26	1.29	1.67	1.29	1.28	1.25	1.26	1.31	1.25	1.29	1.27	1.32	1.30
Average:	9.8 fc	19.4 fc	28.6 fc	14.4 fc	28.6 fc	41.9 fc	9.7 fc	18.2 fc	25.2 fc	18.1 fc	33.6 fc	22.0 fc	40.8 fc	33.8 fc
Maximum:	12.0 fc	24.0 fc	35.0 fc	18.0 fc	35.0 fc	52.0 fc	12.0 fc	23.0 fc	33.0 fc	23.0 fc	43.0 fc	28.0 fc	52.0 fc	42.0 fc
Minimum:	8.0 fc	16.0 fc	23.0 fc	12.0 fc	23.0 fc	34.0 fc	8.0 fc	15.0 fc	20.0 fc	15.0 fc	27.0 fc	18.0 fc	33.0 fc	27.0 fc
Avg/Min Ratio:	1.23	1.21	1.24	1.20	1.24	1.23	1.21	1.21	1.26	1.21	1.24	1.22	1.24	1.25
Average:	9.5 fc	18.8 fc	27.6 fc	13.9 fc	27.6 fc	40.5 fc	9.4 fc	17.7 fc	24.5 fc	17.6 fc	32.6 fc	21.4 fc	39.5 fc	32.8 fc
Maximum:	11.0 fc	22.0 fc	32.0 fc	16.0 fc	32.0 fc	48.0 fc	11.0 fc	21.0 fc	29.0 fc	21.0 fc	39.0 fc	25.0 fc	47.0 fc	39.0 fc
Minimum:	7.0 fc	14.0 fc	21.0 fc	11.0 fc	21.0 fc	31.0 fc	7.0 fc	14.0 fc	19.0 fc	13.0 fc	25.0 fc	16.0 fc	30.0 fc	25.0 fc
Avg/Min Ratio:	1.36	1.21	1.32	1.26	1.31	1.31	1.34	1.26	1.29	1.35	1.30	1.34	1.32	1.31
Lighting Power Density WPSF	.160	.320	.490	.290	.520	.840	.210	.320	.480	.320	.570	.350	.680	.620

- NOTES:
- ★ This application is not recommended
 - Partitions will reduce light levels up to 25%
 - Calculation Point Spacing: 2'

ADEO 2 X 4



T5, T5HO, T8 ARCHITECTURAL RECESSED LUMINAIRE

10' x 12'

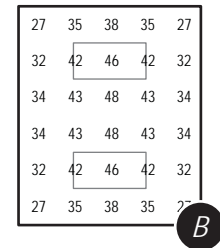
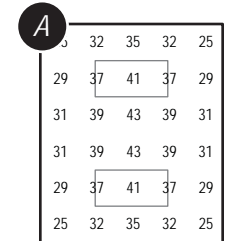
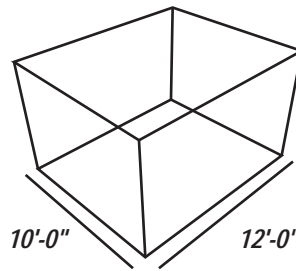
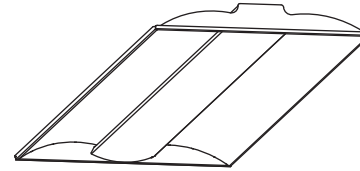
6' OC Spacing

ROOM PARAMETERS

Reflectances: ceiling - 80%
walls - 50%
floor - 20%

Light Loss Factor: T5/T5HO 0.85
T8 0.75

Ballast Factor, Lamp Lumen Depreciation & Luminaire Dirt Depreciation



Workplane (2'-6") Calculation

Open Space

Calculation area: 10' x 12'

Typical Calculation Distribution: 2' Point Spacing

Ceiling Height	ADEO 2 X 4		
	1T5	2T5	3T5
8'	Average: 21.9 fc Maximum: 29.0 fc Minimum: 15.0 fc Avg/Min Ratio: 1.46	Average: 44.1 fc Maximum: 59.0 fc Minimum: 31.0 fc Avg/Min Ratio: 1.42	Average: 64.9 fc Maximum: 87.0 fc * Minimum: 45.0 fc Avg/Min Ratio: 1.44
9'	Average: 19.7 fc Maximum: 25.0 fc Minimum: 14.0 fc Avg/Min Ratio: 1.41	Average: 39.0 fc Maximum: 50.0 fc Minimum: 29.0 fc Avg/Min Ratio: 1.34	Average: 57.6 fc Maximum: 74.0 fc Minimum: 42.0 fc Avg/Min Ratio: 1.37
10'	Average: 17.1 fc Maximum: 21.0 fc Minimum: 13.0 fc Avg/Min Ratio: 1.31	Average: 34.8 fc Maximum: 43.0 fc Minimum: 27.0 fc Avg/Min Ratio: 1.29	Average: 51.3 fc Maximum: 64.0 fc Minimum: 39.0 fc Avg/Min Ratio: 1.32
Lighting Power Density WPSF	.533	1.033	1.617

ADEO 2 X 4			
1T5HO	2T5HO	3T5HO	
Average: 38.1 fc Maximum: 51.0 fc Minimum: 27.0 fc Avg/Min Ratio: 1.41	Average: 75.8 fc Maximum: 101.0 fc * Minimum: 53.0 fc Avg/Min Ratio: 1.43	Average: 112.0 fc Maximum: 149.0 fc * Minimum: 77.0 fc Avg/Min Ratio: 1.45	
Average: 33.7 fc Maximum: 43.0 fc Minimum: 25.0 fc Avg/Min Ratio: 1.35	Average: 67.2 fc Maximum: 86.0 fc * Minimum: 50.0 fc Avg/Min Ratio: 1.34	Average: 99.4 fc Maximum: 127.0 fc * Minimum: 73.0 fc Avg/Min Ratio: 1.36	
Average: 29.7 fc Maximum: 37.0 fc Minimum: 23.0 fc Avg/Min Ratio: 1.29	Average: 59.6 fc Maximum: 74.0 fc Minimum: 46.0 fc Avg/Min Ratio: 1.30	Average: 88.3 fc Maximum: 109.0 fc * Minimum: 68.0 fc Avg/Min Ratio: 1.30	
Lighting Power Density WPSF	1.033	1.967	3.050

ADEO 2 X 4			
1T8	2T8	3T8	
Average: 22.1 fc Maximum: 30.0 fc Minimum: 15.0 fc Avg/Min Ratio: 1.47	Average: 41.8 fc Maximum: 56.0 fc Minimum: 28.0 fc Avg/Min Ratio: 1.49	Average: 58.3 fc Maximum: 78.0 fc Minimum: 39.0 fc Avg/Min Ratio: 1.50	
Average: 19.5 fc Maximum: 25.0 fc Minimum: 14.0 fc Avg/Min Ratio: 1.40	Average: 37.2 fc Maximum: 48.0 fc Minimum: 27.0 fc Avg/Min Ratio: 1.38	Average: 52.1 fc Maximum: 67.0 fc Minimum: 38.0 fc Avg/Min Ratio: 1.37	
Average: 17.1 fc Maximum: 21.0 fc Minimum: 13.0 fc Avg/Min Ratio: 1.31	Average: 33.0 fc Maximum: 41.0 fc Minimum: 25.0 fc Avg/Min Ratio: 1.32	Average: 46.3 fc Maximum: 58.0 fc Minimum: 35.0 fc Avg/Min Ratio: 1.32	
Lighting Power Density WPSF	.500	.983	1.450

- NOTES:
- * This application is not recommended
 - Partitions will reduce light levels up to 25%
 - Calculation Point Spacing: 2'

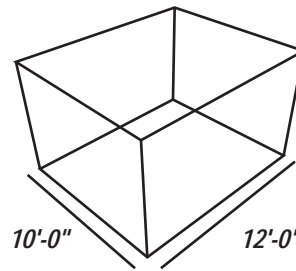
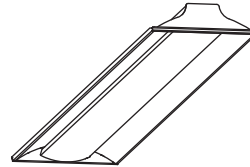
ADEO 1 X 4



T5, T5HO, T8 ARCHITECTURAL RECESSED LUMINAIRE

10' x 12'

6' OC Spacing



A

38	41	38	29	
34	44	48	44	34
36	46	51	46	36
36	46	51	46	36
34	44	48	44	34
29	38	41	38	29

6'

B

26	34	37	34	26
31	41	45	41	31
33	42	47	42	33
33	42	47	42	33
31	41	45	41	31
26	34	37	34	26

ROOM PARAMETERS

Reflectances: ceiling - 80%
walls - 50%
floor - 20%

Light Loss Factor: T5/T5HO 0.85
T8 0.75

Ballast Factor, Lamp Lumen Depreciation & Luminaire Dirt Depreciation

Workplane (2'-6") Calculation

Open Space

Calculation area: 10' x 12'

Typical Calculation Distribution: 2' Point Spacing

Ceiling Height	1T5		2T5	
	8'	Average: 22.8 fc Maximum: 30.0 fc Minimum: 16.0 fc Avg/Min Ratio: 1.43	Average: 44.9 fc Maximum: 60.0 fc Minimum: 31.0 fc Avg/Min Ratio: 1.45	
9'	Average: 19.9 fc Maximum: 26.0 fc Minimum: 15.0 fc Avg/Min Ratio: 1.33	Average: 39.6 fc Maximum: 51.0 fc Minimum: 29.0 fc Avg/Min Ratio: 1.37	A	
10'	Average: 17.9 fc Maximum: 22.0 fc Minimum: 14.0 fc Avg/Min Ratio: 1.28	Average: 35.1 fc Maximum: 44.0 fc Minimum: 27.0 fc Avg/Min Ratio: 1.30		
	Lighting Power Density WPSF: .533	1.033		

1T5HO		2T5HO	
Average: 38.9 fc Maximum: 52.0 fc Minimum: 27.0 fc Avg/Min Ratio: 1.44	Average: 77.2 fc Maximum: 103.0 fc Minimum: 53.0 fc Avg/Min Ratio: 1.46		*
Average: 34.6 fc Maximum: 44.0 fc Minimum: 26.0 fc Avg/Min Ratio: 1.33	Average: 68.5 fc Maximum: 88.0 fc Minimum: 50.0 fc Avg/Min Ratio: 1.37		*
Average: 30.6 fc Maximum: 38.0 fc Minimum: 24.0 fc Avg/Min Ratio: 1.28	Average: 60.6 fc Maximum: 75.0 fc Minimum: 47.0 fc Avg/Min Ratio: 1.29		*
Lighting Power Density WPSF: 1.033	1.967		

1T8		2T8	
Average: 22.2 fc Maximum: 30.0 fc Minimum: 15.0 fc Avg/Min Ratio: 1.48	Average: 40.3 fc Maximum: 55.0 fc Minimum: 27.0 fc Avg/Min Ratio: 1.49		
Average: 19.8 fc Maximum: 26.0 fc Minimum: 14.0 fc Avg/Min Ratio: 1.41	Average: 36.2 fc Maximum: 47.0 fc Minimum: 26.0 fc Avg/Min Ratio: 1.39	B	
Average: 17.8 fc Maximum: 22.0 fc Minimum: 13.0 fc Avg/Min Ratio: 1.37	Average: 32.0 fc Maximum: 40.0 fc Minimum: 24.0 fc Avg/Min Ratio: 1.33		
Lighting Power Density WPSF: .500	.983		

- NOTES:
- * This application is not recommended
 - Partitions will reduce light levels up to 25%
 - Calculation Point Spacing: 2'

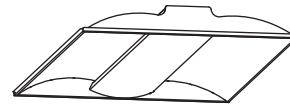
ADEO 2x2



Biax, T5, T5HO, T8 ARCHITECTURAL RECESSED LUMINAIRE

10' x 12'

6' OC Spacing

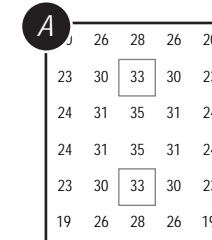
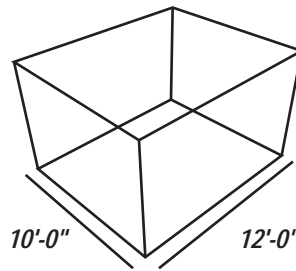


ROOM PARAMETERS

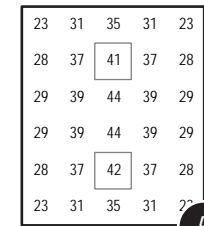
Reflectances: ceiling - 80%
walls - 50%
floor - 20%

Light Loss Factor: T5/T5HO 0.85
T8/BX 0.75

Ballast Factor, Lamp Lumen Depreciation & Luminaire Dirt Depreciation



6'



Open Space

Calculation area: 10' x 12'

Typical Calculation Distribution: 2' Point Spacing

Workplane (2'-6") Calculation

Ceiling Height

8'

9'

10'

	1T5	2T5	3T5	1T5HO	2T5HO	3T5HO	1T8	2T8	3T8	1BX25	2BX25	1BX40	2BX40	1BX55
Average:	10.4 fc	20.8 fc	30.3 fc	15.3 fc	30.3 fc	44.7 fc	10.5 fc	20.0 fc	27.7 fc	19.8 fc	37.0 fc	24.3 fc	44.7 fc	36.7 fc
Maximum:	14.0 fc	29.0 fc	42.0 fc	21.0 fc	42.0 fc	62.0 fc	15.0 fc	28.0 fc	38.0 fc	28.0 fc	52.0 fc	34.0 fc	63.0 fc	51.0 fc
Minimum:	7.0 fc	14.0 fc	20.0 fc	10.0 fc	20.0 fc	30.0 fc	7.0 fc	13.0 fc	18.0 fc	13.0 fc	24.0 fc	16.0 fc	29.0 fc	24.0 fc
Avg/Min Ratio:	1.49	1.49	1.52	1.53	1.52	1.49	1.50	1.54	1.54	1.52	1.54	1.52	1.54	1.53
Average:	9.3 fc	18.1 fc	27.1 fc	13.5 fc	26.9 fc	39.9 fc	9.3 fc	17.9 fc	24.6 fc	17.8 fc	32.9 fc	21.3 fc	39.8 fc	32.5 fc
Maximum:	12.0 fc	24.0 fc	35.0 fc	17.0 fc	35.0 fc	52.0 fc	12.0 fc	23.0 fc	33.0 fc	23.0 fc	44.0 fc	28.0 fc	53.0 fc	43.0 fc
Minimum:	7.0 fc	13.0 fc	20.0 fc	10.0 fc	19.0 fc	29.0 fc	7.0 fc	13.0 fc	17.0 fc	12.0 fc	23.0 fc	15.0 fc	28.0 fc	23.0 fc
Avg/Min Ratio:	1.32	1.39	1.36	1.35	1.41	1.38	1.33	1.38	1.45	1.48	1.43	1.42	1.42	1.41
Average:	8.1 fc	16.1 fc	24.0 fc	11.9 fc	23.8 fc	35.2 fc	8.3 fc	15.8 fc	22.0 fc	15.8 fc	29.2 fc	19.1 fc	35.3 fc	29.1 fc
Maximum:	10.0 fc	20.0 fc	30.0 fc	15.0 fc	30.0 fc	44.0 fc	10.0 fc	20.0 fc	28.0 fc	20.0 fc	37.0 fc	24.0 fc	45.0 fc	37.0 fc
Minimum:	6.0 fc	12.0 fc	18.0 fc	9.0 fc	18.0 fc	27.0 fc	6.0 fc	12.0 fc	16.0 fc	12.0 fc	22.0 fc	14.0 fc	26.0 fc	22.0 fc
Avg/Min Ratio:	1.36	1.34	1.33	1.33	1.32	1.30	1.38	1.32	1.38	1.32	1.33	1.36	1.36	1.32
Lighting Power Density WPSF	.267	.533	.817	.483	.867	1.400	.350	.533	.800	.533	.950	.583	1.133	1.033

- NOTES:
- ★ This application is not recommended
 - Partitions will reduce light levels up to 25%
 - Calculation Point Spacing: 2'

ADEO 1 X 4



T5, T5HO, T8 ARCHITECTURAL RECESSED LUMINAIRE

50' x 50' 10' OC Spacing

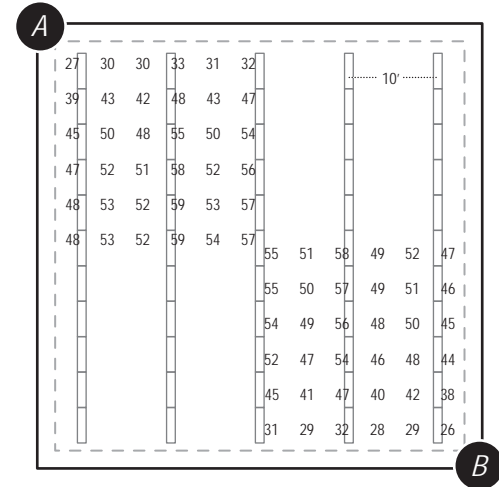
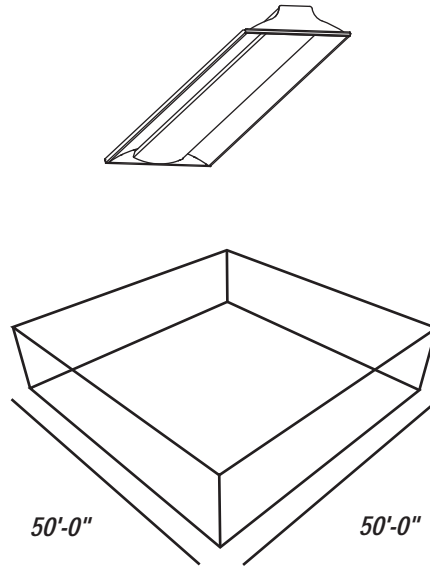
ROOM PARAMETERS

Reflectances: ceiling - 80%
walls - 50%
floor - 20%

Light Loss Factor: T5/T5HO 0.85
T8 0.75

Ballast Factor, Lamp Lumen Depreciation & Luminaire Dirt Depreciation

Workplane (2'-6") Calculation



Open Space

Calculation area: 46' x 46'

Typical Calculation Distribution: 4' Point Spacing

Ceiling Height	1T5		2T5		1T5HO		2T5HO		1T8		2T8	
	8'	Average: 50.0 fc	98.5 fc	64.0 fc	126.0 fc *	86.2 fc	169.8 fc	110.0 fc *	218.0 fc *	48.2 fc	86.7 fc	63.0 fc
9'	26.0 fc	52.0 fc	48.7 fc	95.3 fc	45.0 fc *	90.0 fc *	83.5 fc	164.3 fc	25.0 fc	44.0 fc *	46.7 fc	84.0 fc
	Avg/Min Ratio: 1.92	1.89	27.0 fc	118.0 fc *	1.91	1.89	103.0 fc *	203.0 fc *	1.93	1.97	58.0 fc	107.0 fc *
10'	1.80	1.87	44.0 fc	88.0 fc	44.0 fc *	88.0 fc	44.0 fc *	88.0 fc	1.80	1.87	25.0 fc	45.0 fc *
	Average: 46.9 fc	92.4 fc	80.9 fc	152.3 fc	99.0 fc *	194.0 fc *	80.9 fc	152.3 fc	45.3 fc	81.5 fc	55.0 fc	101.0 fc *
	57.0 fc	113.0 fc *	43.0 fc	86.0 fc *	1.88	1.85	43.0 fc *	86.0 fc *	24.0 fc	44.0 fc *	1.89	1.85
	25.0 fc	50.0 fc	1.88	1.85	1.88	1.85	1.88	1.85	1.89	1.85	1.89	1.85
	Avg/Min Ratio: 1.88	1.85	1.88	1.85	1.88	1.85	1.88	1.85	1.89	1.85	1.89	1.85
	Lighting Power Density WPSF	.704	1.364	1.364	2.596	.660	1.298	.660	1.298			

- NOTES:
- * This application is not recommended
 - Partitions will reduce light levels up to 25%
 - Calculation Point Spacing: 2'

ADEO 1 X 4



T5, T5HO, T8 ARCHITECTURAL RECESSED LUMINAIRE

50' x 50' 12' OC Spacing

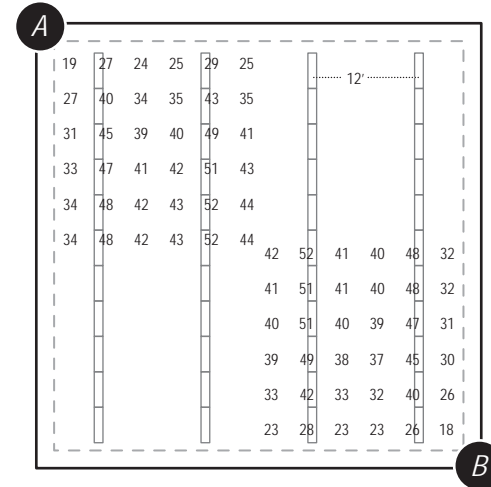
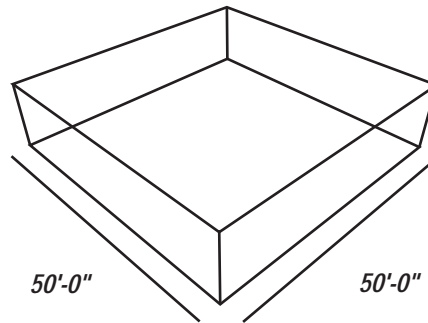
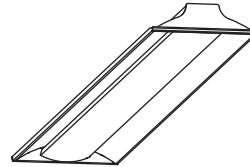
ROOM PARAMETERS

Reflectances: ceiling - 80%
walls - 50%
floor - 20%

Light Loss Factor: T5/T5HO 0.85
T8 0.75

Ballast Factor, Lamp Lumen Depreciation & Luminaire Dirt Depreciation

Workplane (2'-6") Calculation



Open Space

Calculation area: 46' x 46'

Typical Calculation Distribution: 4' Point Spacing

Ceiling Height	1T5		2T5	
	8'	Average: 41.1 fc Maximum: 57.0 fc Minimum: 18.0 fc Avg/Min Ratio: 2.28	Average: 81.1 fc Maximum: 113.0 fc * Minimum: 35.0 fc Avg/Min Ratio: 2.32	Average: 39.8 fc Maximum: 52.0 fc Minimum: 19.0 fc Avg/Min Ratio: 2.10
9'	Average: 38.5 fc Maximum: 49.0 fc Minimum: 19.0 fc Avg/Min Ratio: 2.03	Average: 75.8 fc Maximum: 97.0 fc * Minimum: 37.0 fc Avg/Min Ratio: 2.05	Average: 38.5 fc Maximum: 52.0 fc Minimum: 18.0 fc Avg/Min Ratio: 2.14	Average: 69.2 fc Maximum: 96.0 fc * Minimum: 31.0 fc Avg/Min Ratio: 2.23
10'	Average: 38.5 fc Maximum: 49.0 fc Minimum: 19.0 fc Avg/Min Ratio: 2.03	Average: 75.8 fc Maximum: 97.0 fc * Minimum: 37.0 fc Avg/Min Ratio: 2.05	Average: 37.3 fc Maximum: 48.0 fc Minimum: 18.0 fc Avg/Min Ratio: 2.07	Average: 67.0 fc Maximum: 88.0 fc * Minimum: 32.0 fc Avg/Min Ratio: 2.10
	Lighting Power Density WPSF	.563	1.091	1.038

1T5HO		2T5HO	
Average: 70.8 fc Maximum: 98.0 fc Minimum: 30.0 fc Avg/Min Ratio: 2.36	Average: 139.8 fc Maximum: 196.0 fc * Minimum: 60.0 fc Avg/Min Ratio: 2.33	Average: 68.6 fc Maximum: 90.0 fc Minimum: 32.0 fc Avg/Min Ratio: 2.14	Average: 135.1 fc Maximum: 179.0 fc * Minimum: 63.0 fc Avg/Min Ratio: 2.14
Average: 66.4 fc Maximum: 84.0 fc Minimum: 32.0 fc Avg/Min Ratio: 2.07	Average: 130.7 fc Maximum: 167.0 fc * Minimum: 63.0 fc Avg/Min Ratio: 2.07	Average: 52.8 Maximum: 68.0 Minimum: 23.0 Avg/Min Ratio: 2.96	Average: 105.4 fc Maximum: 136.0 fc * Minimum: 46.0 fc Avg/Min Ratio: 2.96
Lighting Power Density WPSF	1.091	2.077	2.96

1T8		2T8	
Average: 38.7 fc Maximum: 57.0 fc Minimum: 17.0 fc Avg/Min Ratio: 2.33	Average: 71.4 fc Maximum: 106.0 fc * Minimum: 30.0 fc Avg/Min Ratio: 2.38	Average: 38.5 fc Maximum: 52.0 fc Minimum: 18.0 fc Avg/Min Ratio: 2.14	Average: 69.2 fc Maximum: 96.0 fc * Minimum: 31.0 fc Avg/Min Ratio: 2.23
Average: 37.3 fc Maximum: 48.0 fc Minimum: 18.0 fc Avg/Min Ratio: 2.07	Average: 67.0 fc Maximum: 88.0 fc * Minimum: 32.0 fc Avg/Min Ratio: 2.10	Average: 52.8 Maximum: 68.0 Minimum: 23.0 Avg/Min Ratio: 2.96	Average: 105.4 fc Maximum: 136.0 fc * Minimum: 46.0 fc Avg/Min Ratio: 2.96
Lighting Power Density WPSF	.528	1.038	2.96

- NOTES:
- * This application is not recommended
 - Partitions will reduce light levels up to 25%
 - Calculation Point Spacing: 2'

ADEO 1 X 4



T5, T5HO, T8 ARCHITECTURAL RECESSED LUMINAIRE

10' x 40' Linear Fixture Run

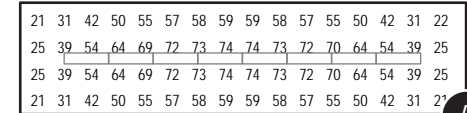
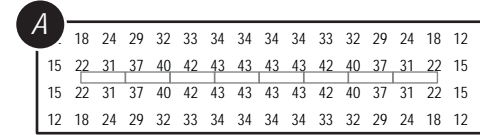
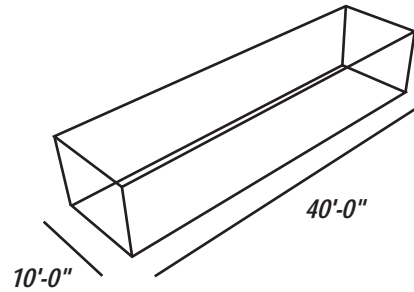
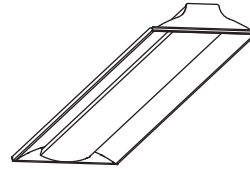
ROOM PARAMETERS

Reflectances: ceiling - 80%
walls - 50%
floor - 20%

Light Loss Factor: T5/T5HO 0.85
T8 0.75

Ballast Factor, Lamp Lumen Depreciation & Luminaire Dirt Depreciation

Workplane (2'-6") Calculation



Open Space

Calculation area: 10' x 40'

Typical Calculation Distribution: 2.5' Point Spacing

Ceiling Height	1T5		2T5	
	8'	Average: 33.1 fc Maximum: 50.0 fc Minimum: 11.0 fc Avg/Min Ratio: 3.01	Average: 65.3 fc Maximum: 101.0 fc * Minimum: 21.0 fc Avg/Min Ratio: 3.11	
9'	Average: 30.4 fc Maximum: 44.0 fc Minimum: 12.0 fc Avg/Min Ratio: 2.53	Average: 60.3 fc Maximum: 88.0 fc * Minimum: 23.0 fc Avg/Min Ratio: 2.62		
10'	Average: 28.1 fc Maximum: 39.0 fc Minimum: 12.0 fc Avg/Min Ratio: 2.34	Average: 55.6 fc Maximum: 78.0 fc Minimum: 24.0 fc Avg/Min Ratio: 2.32		
	Lighting Power Density WPSF: .640	1.240		

1T5HO		2T5HO	
Average: 57.0 fc Maximum: 87.0 fc Minimum: 19.0 fc Avg/Min Ratio: 3.00	Average: 112.8 fc Maximum: 175.0 fc * Minimum: 37.0 fc Avg/Min Ratio: 3.05		
Average: 52.5 fc Maximum: 76.0 fc Minimum: 20.0 fc Avg/Min Ratio: 2.62	Average: 104.0 fc Maximum: 152.0 fc * Minimum: 39.0 fc Avg/Min Ratio: 2.67		
Average: 48.3 fc Maximum: 68.0 fc Minimum: 21.0 fc Avg/Min Ratio: 2.30	Average: 95.9 fc Maximum: 135.0 fc * Minimum: 41.0 fc Avg/Min Ratio: 2.34		
Lighting Power Density WPSF: 1.240	2.360		

1T8		2T8	
Average: 32.5 fc Maximum: 51.0 fc Minimum: 10.0 fc Avg/Min Ratio: 3.25	Average: 59.4 fc Maximum: 96.0 fc Minimum: 18.0 fc Avg/Min Ratio: 3.28		
Average: 30.1 fc Maximum: 45.0 fc Minimum: 11.0 fc Avg/Min Ratio: 2.73	Average: 54.8 fc Maximum: 84.0 fc Minimum: 20.0 fc Avg/Min Ratio: 2.74		
Average: 27.7 fc Maximum: 40.0 fc Minimum: 11.0 fc Avg/Min Ratio: 2.52	Average: 50.8 fc Maximum: 74.0 fc Minimum: 21.0 fc Avg/Min Ratio: 2.42		
Lighting Power Density WPSF: .600	1.180		

- NOTES:
- * This application is not recommended
 - Partitions will reduce light levels up to 25%
 - Calculation Point Spacing: 2'