

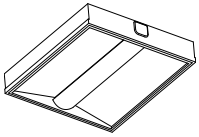
**Notes**

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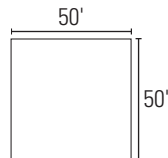
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## PureFX™ 2'x2'



### Room

Length/Width



Work Plane

Height 2'6"

Reflectances

Ceiling 80%  
Walls 50%  
Floor 20%

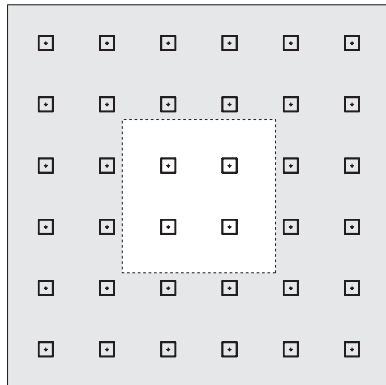
Ceiling Height (circle)     **8'**     **8.5'**     **9'**     **9.5'**     **10'**

### 1 TT5 40W



8'x8' on Center

0.55w/ft<sup>2</sup>



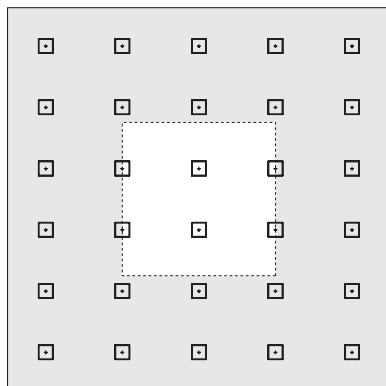
Average Illuminance, fc	37.3	37.3	37.3	37.2	37.0
Max/Min Ratio	1.4:1	1.2:1	1.2:1	1.2:1	1.1:1
Maximum, fc	43.4	41.2	40.4	40.4	40.0
Minimum, fc	31.4	33.4	34.9	35.0	35.0

Calculation Files     60221S01-8    60221S01-85    60221S01-9    60221S01-95    60221S01-10

Calculation Grid    20'x20'  
Light Loss Factor\*    0.86

8'x10' on Center

0.46 w/ft<sup>2</sup>



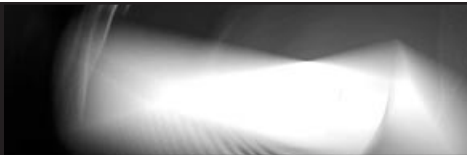
Average Illuminance, fc	30.5	30.3	30.2	30.0	29.8
Max/Min Ratio	1.7:1	1.4:1	1.3:1	1.2:1	1.1:1
Maximum, fc	39.0	35.9	33.7	32.2	31.1
Minimum, fc	23.5	25.1	26.5	27.6	28.5

Calculation File     60221S02-8    60221S02-85    60221S02-9    60221S02-95    60221S02-10

Calculation Grid    20'x20'  
Light Loss Factor\*    0.86

### Notes

- Lighting Power Density (w/ft<sup>2</sup>) calculated using the actual measured input watts to the fixture during photometric testing. Certain ballast variations may produce different results.
  - These calculations were performed without the inclusion of partitions. Subject to their height and reflectance values, the use of partitions will reduce horizontal illuminance by approximately 10-25%.
- \* Light Loss Factor (LLF) is comprised of a ballast factor, lamp lumen depreciation, and luminaire dirt depreciation.



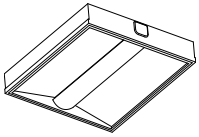
**Notes**

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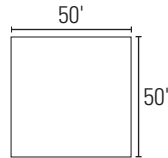
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## PureFX™ 2'x2'



### Room

Length/Width



Work Plane

Height 2'6"

Reflectances

Ceiling 80%  
Walls 50%  
Floor 20%

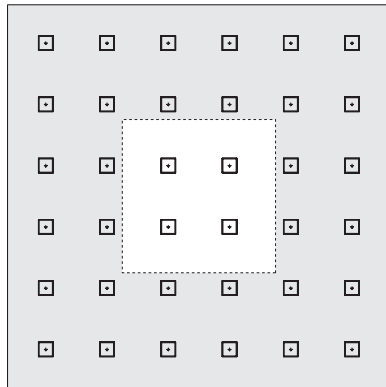
Ceiling Height (circle)      **8'**      **8.5'**      **9'**      **9.5'**      **10'**

### 1 TT5 55W



8'x8' on Center

0.79 w/ft<sup>2</sup>



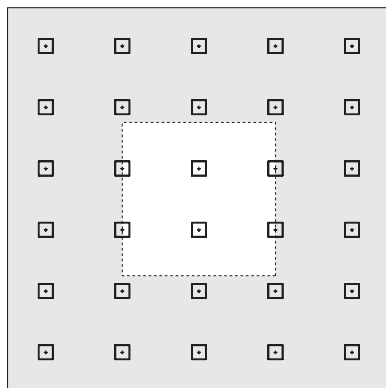
Average Illuminance, fc	52.3	52.3	52.3	52.1	51.9
Max/Min Ratio	1.4:1	1.2:1	1.2:1	1.2:1	1.1:1
Maximum, fc	60.5	57.3	56.3	56.3	55.9
Minimum, fc	44.4	47.2	49.1	49.1	49.0

Calculation File      60221S04-8    60221S04-85    60221S04-9    60221S04-95    60221S04-10

Calculation Grid    20'x20'  
Light Loss Factor\*    0.77  
Calculated using Philips lamp.

8'x10' on Center

0.66 w/ft<sup>2</sup>



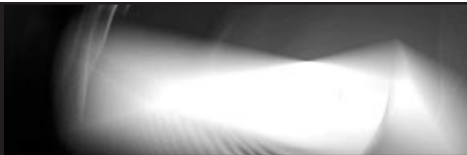
Average Illuminance, fc	42.7	42.5	42.3	42.0	41.8
Max/Min Ratio	1.6:1	1.4:1	1.3:1	1.2:1	1.1:1
Maximum, fc	54.3	50.0	47.0	44.8	43.4
Minimum, fc	33.3	35.6	37.5	39.0	40.2

Calculation File      60221S05-8    60221S05-85    60221S05-9    60221S05-95    60221S05-10

Calculation Grid    20'x20'  
Light Loss Factor\*    0.77  
Calculated using Philips lamp.

### Notes

- Lighting Power Density (w/ft<sup>2</sup>) calculated using the actual measured input watts to the fixture during photometric testing. Certain ballast variations may produce different results.
  - These calculations were performed without the inclusion of partitions. Subject to their height and reflectance values, the use of partitions will reduce horizontal illuminance by approximately 10-25%.
- \* Light Loss Factor (LLF) is comprised of a ballast factor, lamp lumen depreciation, and luminaire dirt depreciation.

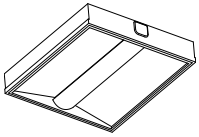


**Notes**

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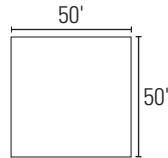
.....

## PureFX™ 2'x2'



### Room

Length/Width



Work Plane

Height 2'6"

Reflectances

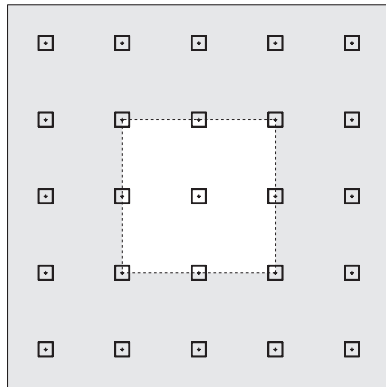
Ceiling 80%  
Walls 50%  
Floor 20%

Ceiling Height (circle)      **8'**      **8.5'**      **9'**      **9.5'**      **10'**

### 1 TT5 40W



10'x10' on Center      0.38 w/ft<sup>2</sup>



Average Illuminance, fc	25.3	25.0	24.7	24.5	24.3
Max/Min Ratio	2.0:1	1.7:1	1.4:1	1.3:1	1.2:1
Maximum, fc	35.2	31.8	29.3	27.5	26.3
Minimum, fc	17.7	19.1	20.3	21.3	22.1

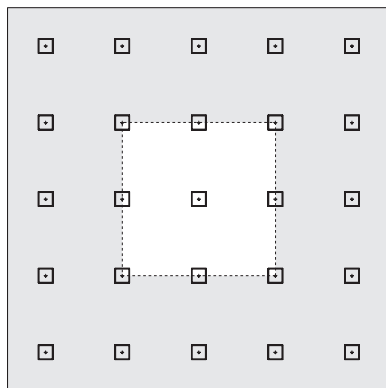
Calculation File      60221S03-8    60221S03-85    60221S03-9    60221S03-95    60221S03-10

Calculation Grid    20'x20'  
Light Loss Factor\*    0.86

### 1 TT5 55W



10'x10' on Center      0.55 w/ft<sup>2</sup>



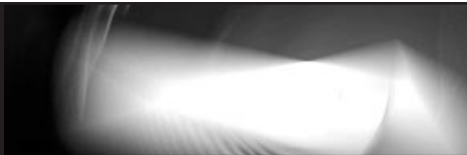
Average Illuminance, fc	35.5	35.0	34.6	34.3	34.0
Max/Min Ratio	2.0:1	1.6:1	1.4:1	1.3:1	1.2:1
Maximum, fc	49.0	44.3	40.8	38.3	36.7
Minimum, fc	25.1	27.0	28.6	30.1	31.2

Calculation File      60221S06-8    60221S06-85    60221S06-9    60221S06-95    60221S06-10

Calculation Grid    20'x20'  
Light Loss Factor\*    0.77  
Calculated using Philips lamp.

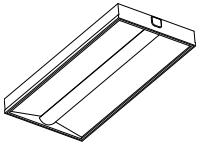
### Notes

1. Lighting Power Density (w/ft<sup>2</sup>) calculated using the actual measured input watts to the fixture during photometric testing. Certain ballast variations may produce different results.
  2. These calculations were performed without the inclusion of partitions. Subject to their height and reflectance values, the use of partitions will reduce horizontal illuminance by approximately 10-25%.
- \* Light Loss Factor (LLF) is comprised of a ballast factor, lamp lumen depreciation, and luminaire dirt depreciation.



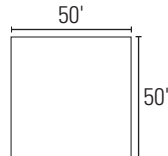
**Notes**

**PureFX™**  
2'x4'



**Room**

Length/Width



Work Plane

Height 2'6"

Reflectances

Ceiling 80%  
Walls 50%  
Floor 20%

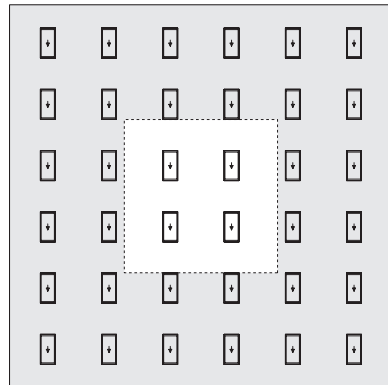
Ceiling Height (circle)	8'	8.5'	9'	9.5'	10'
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**2 T8 32W**



8'x8' on Center

0.86 w/ft<sup>2</sup>



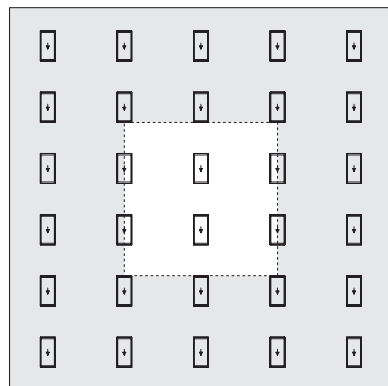
Average Illuminance, fc	57.9	58.0	57.9	57.8	57.6
Max/Min Ratio	1.4 : 1	1.3 : 1	1.2 : 1	1.1 : 1	1.1 : 1
Maximum, fc	68.7	64.9	62.7	62.0	61.7
Minimum, fc	48.6	51.8	54.2	55.0	54.7

Calculation File 40324L18-8 40324L18-85 40324L18-9 40324L18-95 40324L18

Calculation Grid 20'x20'  
Light Loss Factor\* 0.75

8'x10' on Center

0.72 w/ft<sup>2</sup>



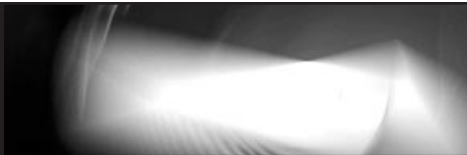
Average Illuminance, fc	47.6	47.3	47.1	46.8	46.5
Max/Min Ratio	1.7 : 1	1.5 : 1	1.3 : 1	1.2 : 1	1.1 : 1
Maximum, fc	62.0	57.1	53.5	51.0	49.2
Minimum, fc	36.0	38.7	40.9	52.7	44.1

Calculation File 40324L20-8 40324L20-85 40324L20-9 40324L20-95 40324L20

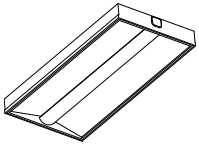
Calculation Grid 20'x20'  
Light Loss Factor\* 0.75

**Notes**

1. Lighting Power Density (w/ft<sup>2</sup>) calculated using the actual measured input watts to the fixture during photometric testing. Certain ballast variations may produce different results.
  2. These calculations were performed without the inclusion of partitions. Subject to their height and reflectance values, the use of partitions will reduce horizontal illuminance by approximately 10-25%.
- \* Light Loss Factor (LLF) is comprised of a ballast factor, lamp lumen depreciation, and luminaire dirt depreciation.

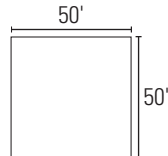


## PureFX™ 2'x4'



### Room

Length/Width



**Notes**

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Work Plane

Height 2'6"

Reflectances

Ceiling 80%  
Walls 50%  
Floor 20%

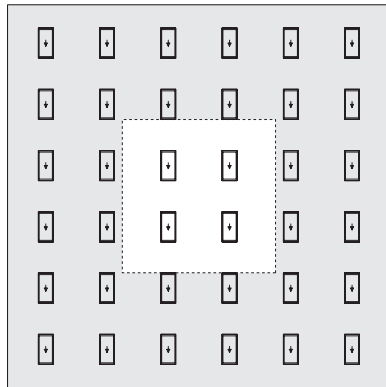
Ceiling Height (circle)      **8'**      **8.5'**      **9'**      **9.5'**      **10'**

### 1 T5HO 54W



8'x8' on Center

0.89 w/ft<sup>2</sup>



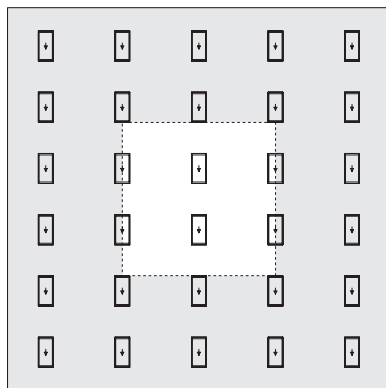
Average Illuminance, fc	58.3	58.4	58.4	58.3	58.1
Max/Min Ratio	1.4 : 1	1.2 : 1	1.2 : 1	1.2 : 1	1.2 : 1
Maximum, fc	68.3	65.0	63.6	63.8	63.4
Minimum, fc	49.2	52.7	54.5	54.3	54.0

Calculation File                      40324L19-8    40324L19-85    40324L19-9    40324L19-95    40324L19

Calculation Grid    20'x20'  
Light Loss Factor\*    0.86

8'x10' on Center

0.74 w/ft<sup>2</sup>



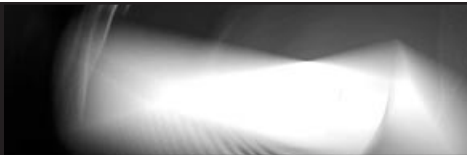
Average Illuminance, fc	47.7	47.4	47.2	46.9	46.7
Max/Min Ratio	1.7 : 1	1.4 : 1	1.3 : 1	1.2 : 1	1.1 : 1
Maximum, fc	59.8	55.5	52.5	50.3	48.8
Minimum, fc	36.3	39.2	41.6	43.5	44.9

Calculation File                      40324L21-8    40324L21-85    40324L21-9    40324L21-95    40324L21

Calculation Grid    20'x20'  
Light Loss Factor\*    0.86

### Notes

1. Lighting Power Density (w/ft<sup>2</sup>) calculated using the actual measured input watts to the fixture during photometric testing. Certain ballast variations may produce different results.
  2. These calculations were performed without the inclusion of partitions. Subject to their height and reflectance values, the use of partitions will reduce horizontal illuminance by approximately 10-25%.
- \* Light Loss Factor (LLF) is comprised of a ballast factor, lamp lumen depreciation, and luminaire dirt depreciation.



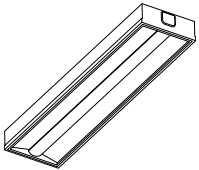
**Notes**

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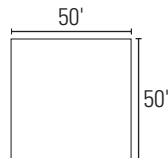
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## PureFX™ 1'x4'



### Room

Length/Width



Work Plane

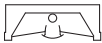
Height 2'6"

Reflectances

Ceiling 80%  
Walls 50%  
Floor 20%

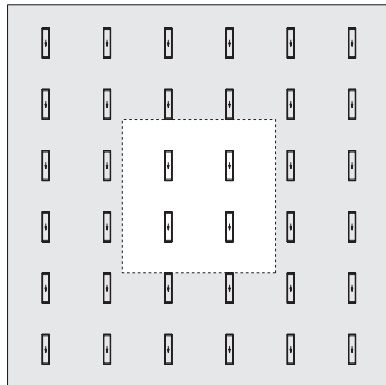
Ceiling Height (circle)      **8'**      **8.5'**      **9'**      **9.5'**      **10'**

### 1 T8 32W



8'x8' on Center

0.46 w/ft<sup>2</sup>



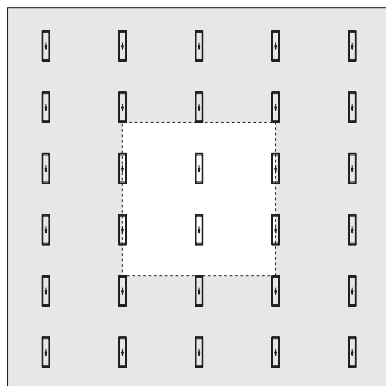
Average Illuminance, fc	26.8	26.9	26.9	26.8	26.8
Max/Min Ratio	1.6 : 1	1.4 : 1	1.2 : 1	1.1 : 1	1.1 : 1
Maximum, fc	33.7	31.4	29.7	28.6	28.0
Minimum, fc	21.5	23.0	24.2	25.0	25.6

Calculation File      40324L13-8    40324L13-85    40324L13-9    40324L13-95    40324L13

Calculation Grid    20'x20'  
Light Loss Factor\*    0.75

8'x10' on Center

0.38 w/ft<sup>2</sup>



Average Illuminance, fc	22.3	22.2	22.0	21.9	21.7
Max/Min Ratio	2.0 : 1	1.7 : 1	1.5 : 1	1.3 : 1	1.2 : 1
Maximum, fc	30.9	28.2	26.3	24.9	23.9
Minimum, fc	15.8	17.0	18.0	18.9	19.6

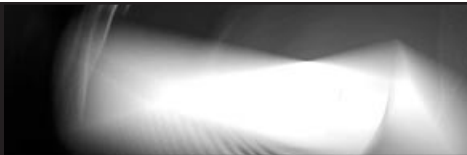
Calculation File      40324L15-8    40324L15-85    40324L15-9    40324L15-95    40324L15

Calculation Grid    20'x20'  
Light Loss Factor\*    0.75

### Notes

1. Lighting Power Density (w/ft<sup>2</sup>) calculated using the actual measured input watts to the fixture during photometric testing. Certain ballast variations may produce different results.
  2. These calculations were performed without the inclusion of partitions. Subject to their height and reflectance values, the use of partitions will reduce horizontal illuminance by approximately 10-25%.
- \* Light Loss Factor (LLF) is comprised of a ballast factor, lamp lumen depreciation, and luminaire dirt depreciation.

# Lighting Applications



**Recessed**  
Lighting Applications  
PureFX™ 1'x4'

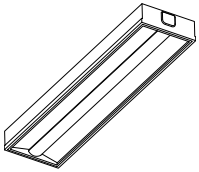
**Notes**

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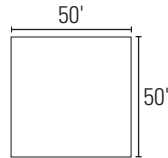
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## PureFX™ 1'x4'



### Room

Length/Width



Work Plane

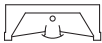
Height 2'6"

Reflectances

Ceiling 80%  
Walls 50%  
Floor 20%

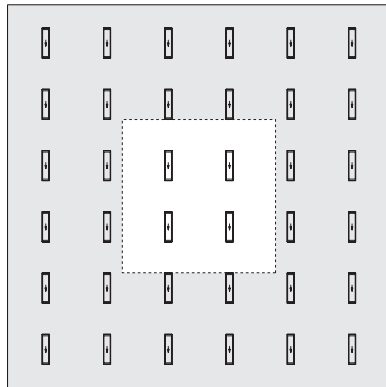
Ceiling Height (circle)     **8'**     **8.5'**     **9'**     **9.5'**     **10'**

### 1 T5HO 54W



8'x8' on Center

0.92 w/ft<sup>2</sup>



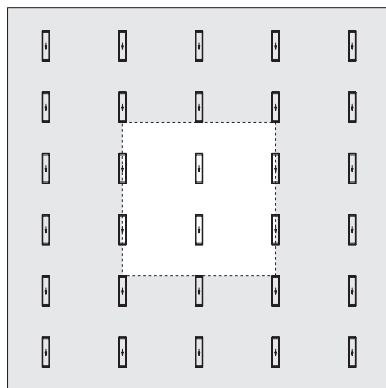
Average Illuminance, fc	49.0	49.1	49.1	49.0	48.8
Max/Min Ratio	1.5 : 1	1.3 : 1	1.2 : 1	1.1 : 1	1.1 : 1
Maximum, fc	58.8	55.3	53.3	51.8	51.3
Minimum, fc	39.7	42.6	44.9	46.6	46.9

Calculation File     40324L14-8     40324L14-85     40324L14-9     40324L14-95     40324L14

Calculation Grid     20'x20'  
Light Loss Factor\*     0.86

8'x10' on Center

0.77 w/ft<sup>2</sup>



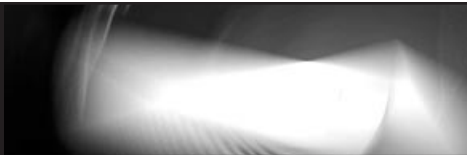
Average Illuminance, fc	40.5	40.2	40.0	39.7	39.5
Max/Min Ratio	1.8 : 1	1.6 : 1	1.4 : 1	1.3 : 1	1.2 : 1
Maximum, fc	53.6	49.2	46.1	43.8	42.2
Minimum, fc	29.1	31.4	33.4	35.0	36.4

Calculation File     40324L16-8     40324L16-85     40324L16-9     40324L16-95     40324L16

Calculation Grid     20'x20'  
Light Loss Factor\*     0.86

### Notes

1. Lighting Power Density (w/ft<sup>2</sup>) calculated using the actual measured input watts to the fixture during photometric testing. Certain ballast variations may produce different results.
  2. These calculations were performed without the inclusion of partitions. Subject to their height and reflectance values, the use of partitions will reduce horizontal illuminance by approximately 10-25%.
- \* Light Loss Factor (LLF) is comprised of a ballast factor, lamp lumen depreciation, and luminaire dirt depreciation.



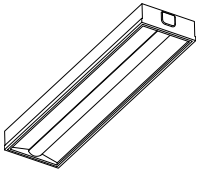
**Notes**

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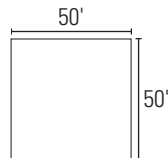
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## PureFX™ 1'x4'



### Room

Length/Width



Work Plane

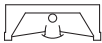
Height 2'6"

Reflectances

Ceiling 80%  
Walls 50%  
Floor 20%

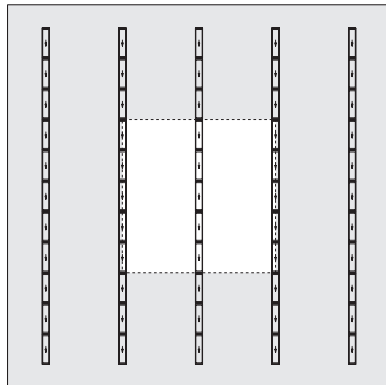
Ceiling Height (circle)    **8'**    **8.5'**    **9'**    **9.5'**    **10'**

## 1 T8 32W



10' on Center

0.70 w/ft<sup>2</sup>



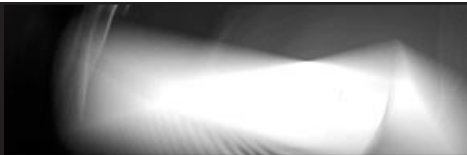
Average Illuminance, fc	44.3	43.8	43.3	42.9	42.6
Max/Min Ratio	1.7 : 1	1.5 : 1	1.4 : 1	1.3 : 1	1.2 : 1
Maximum, fc	54.6	51.6	49.2	47.3	45.8
Minimum, fc	32.2	34.2	35.8	37.1	38.2

Calculation File                      40324L17-8    40324L17-85    40324L17-9    40324L17-95    40324L17

Calculation Grid    20'x20'  
Light Loss Factor\*    0.86

### Notes

1. Lighting Power Density (w/ft<sup>2</sup>) calculated using the actual measured input watts to the fixture during photometric testing. Certain ballast variations may produce different results.
  2. These calculations were performed without the inclusion of partitions. Subject to their height and reflectance values, the use of partitions will reduce horizontal illuminance by approximately 10-25%.
- \* Light Loss Factor (LLF) is comprised of a ballast factor, lamp lumen depreciation, and luminaire dirt depreciation.



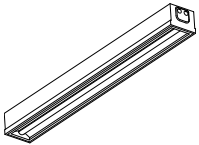
**Notes**

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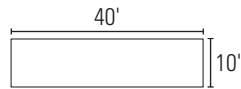
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## PureFX™ 6"x4'



### Room

Length/Width



Work Plane

Height 2'6"

Reflectances

Ceiling	80%
Walls	50%
Floor	20%

Ceiling Height (circle)	<b>8'</b>	<b>8.5'</b>	<b>9'</b>	<b>9.5'</b>	<b>10'</b>
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## 1 T8 32W



Centered

0.87 w/ft<sup>2</sup>



	8'	8.5'	9'	9.5'	10'
Average Illuminance, fc	30.7	29.7	28.7	27.7	26.8
Max/Min Ratio	2.9 : 1	2.7 : 1	2.6 : 1	2.5 : 1	2.4 : 1
Maximum, fc	41.6	39.6	37.8	36.0	34.6
Minimum, fc	14.6	14.6	14.4	14.3	14.3

Calculation File 40325L02-8 40325L02-85 40325L02-9 40325L02-95 40325L02

Calculation Grid 39'x8'  
Light Loss Factor\* 0.75

### Notes

1. Lighting Power Density (w/ft<sup>2</sup>) calculated using the actual measured input watts to the fixture during photometric testing. Certain ballast variations may produce different results.
  2. These calculations were performed without the inclusion of partitions. Subject to their height and reflectance values, the use of partitions will reduce horizontal illuminance by approximately 10-25%.
- \* Light Loss Factor (LLF) is comprised of a ballast factor, lamp lumen depreciation, and luminaire dirt depreciation.