

FINELITE
Better Lighting

Elements of Design
E1 LED
Indirect
AppGuide™



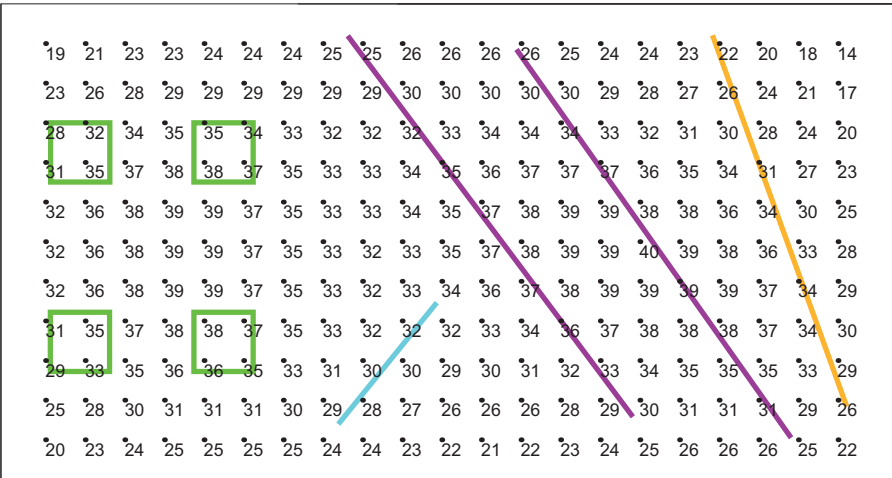
Combinations of E1-Indirect linear and configuration illuminate a unique and energy efficient office space.

[Click Here to View Detailed Calculations](#)

Summary High Output Lumen Package	(4) Angled Runs (4) 3'x3' Configurations Example 1	(5) Angled Runs (2) 4'x4' Configurations Example 2	(5) Straight Runs Example 3	(8) 3'x3' Configurations Example 4
Initial Ambient Light Level on Desk Plane (fc)	31	30	24	23
Uniformity (max:min)	2.9:1	2.9:1	1.7:1	1.6:1
Energy Consumption (w/sf)	0.57	0.53	0.46	0.44

Finelite presents initial light levels in this application guide. For maintained values Finelite recommends the following light loss factor LLD .90 x LDD .90 = LLF .810
Project Description: Ceiling height: 10'0" • Luminaire height: 8' 0" AFF to bottom of luminaire • Reflectances: 80/50/20

Open Plan - Example 1

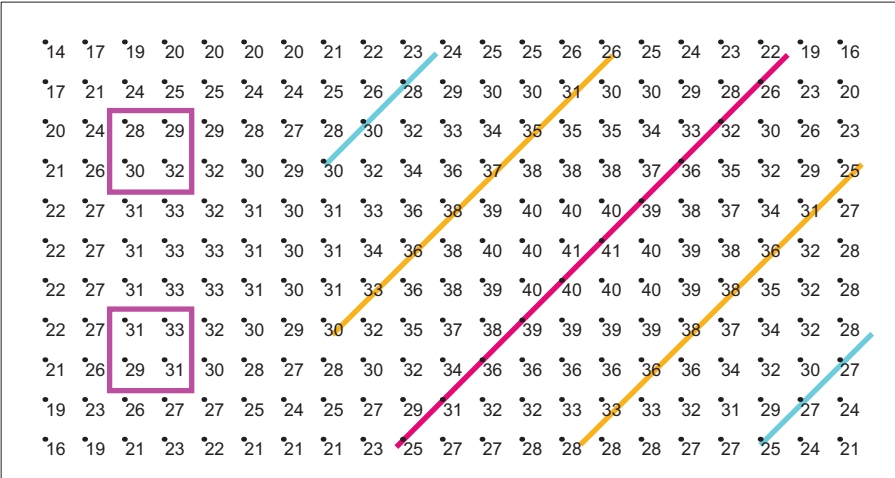


Initial Ambient Light Level on Desk Plane (fc): 31
Uniformity (max/min): 2.9:1
Lighting Power Density (w/sf): 0.57

- 3' sections
- 8' run - (2) 4' sections
- 24' run - (6) 4' sections
- 20' run - (5) 4' sections

Combinations of E1-Indirect linear and configuration illuminate a unique and energy efficient office space.

Open Plan - Example 2



Initial Ambient Light Level on Desk Plane (fc): 30
Uniformity (max/min): 2.9:1
Lighting Power Density (w/sf): 0.53

- 4' sections
- 8' run - (2) 4' sections
- 20' run - (5) 4' sections
- 28' run - (7) 4' sections

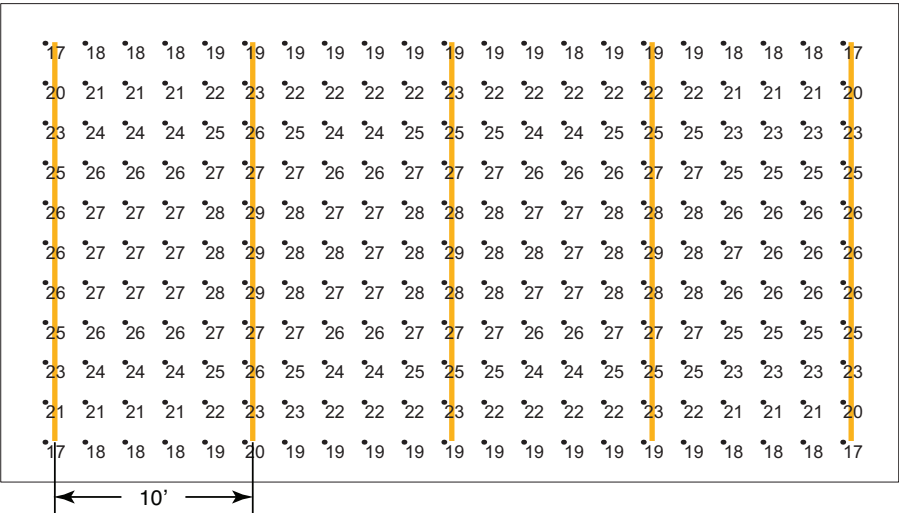
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Open Plan - Example 3

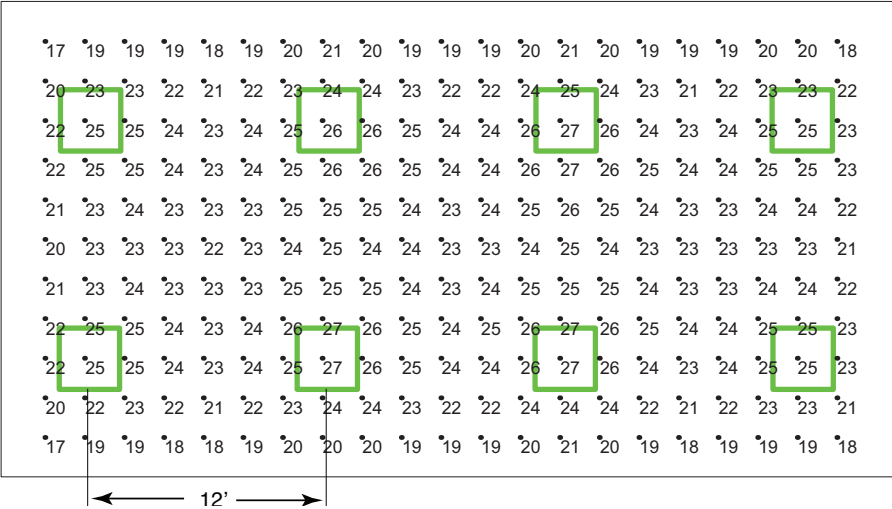
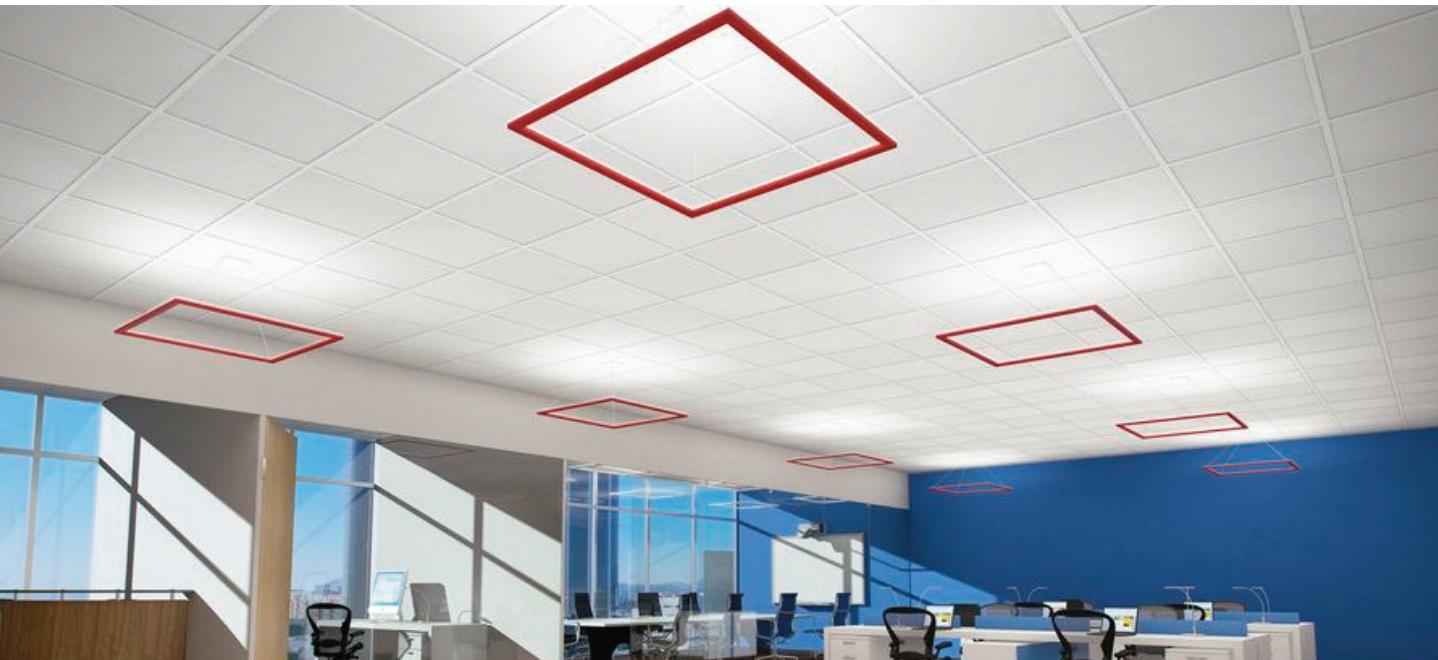


Initial Ambient Light Level on Desk Plane (fc): 24
Uniformity (max/min): 1.7:1
Lighting Power Density (w/sf): 0.46

20' run - (5) 4' sections

Combinations of E1-Indirect linear and configuration illuminate a unique and energy efficient office space.

Open Plan - Example 4



Initial Ambient Light Level on Desk Plane (fc): 23
Uniformity (max/min): 1.6:1
Lighting Power Density (w/sf): 0.44

3' sections

E1-Indirect linear or configuration provides dimmable, comfortable, light perfect for the private office. Combine dimmable LED task lighting for maximum user configurable comfort.

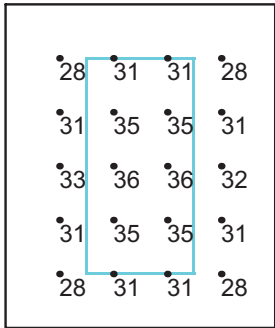
[Click Here to View Detailed Calculations](#)

Summary High Output Lumen Package	(1) 4'x8' Configuration Example 1	(2) 2'x2' Configurations Example 2	(2) 8' Runs Example 3
Initial Ambient Light Level On Desk Plane (fc)	32	22	21
Uniformity (max:min)	1.3:1	1.4:1	1.4:1
Energy Consumption (w/sf)	0.99	0.66	0.66

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Private Office - Example 1

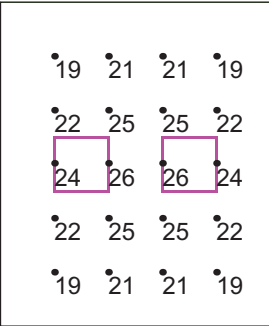


Fixture Size: 4'x8'
Initial Ambient Light Level on Desk Plane (fc): 32
Uniformity (max/min): 1.3:1
Lighting Power Density (w/sf): 0.99

4' sections

E1-Indirect linear or configuration provides dimmable, comfortable, light perfect for the private office. Combine dimmable LED task lighting for maximum user configurable comfort.

Private Office - Example 2



Fixture Size: 2'x2'

Initial Ambient Light Level on Desk Plane (fc): 22

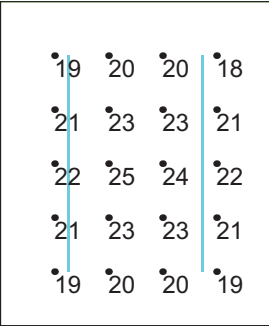
Uniformity (max/min): 1.4:1

Lighting Power Density (w/sf): 0.66

2' sections

E1-Indirect linear or configuration provides dimmable, comfortable, light perfect for the private office. Combine dimmable LED task lighting for maximum user configurable comfort.

Private Office - Example 3



Fixture Size: 8' runs
Initial Ambient Light Level on Desk Plane (fc): 21
Uniformity (max/min): 1.4:1
Lighting Power Density (w/sf): 0.66

8' sections

Conference Room 12'x25'

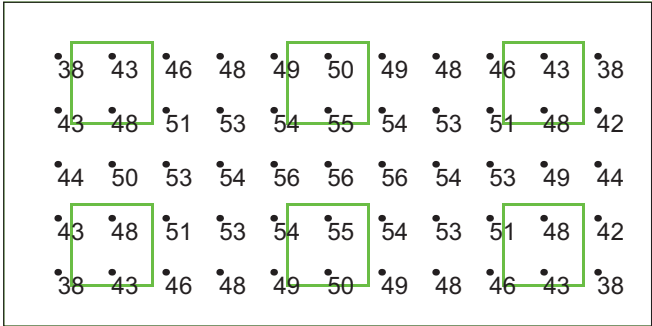
E1-I blends beauty with performance. Use this guide to see how you can bring a new level of performance to your conference room designs.

[Click Here to View Detailed Calculations](#)

Summary High Output Lumen Package	(6) 3'x3' E1 Configurations Option 1	(4) 2'x4' E1 Configuration Option 2	(1) 6'x16' E1 Configurations Option 3	(3) 3'x4' E1 Configurations Option 4
Initial Ambient Light Level on Table Plane (fc)	49	37	32	32
Uniformity (max:min)	1.5:1	2:1	1.7:1	1.9:1
Energy Consumption (w/sf)	1.2	0.82	0.75	0.72

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Conference Room - Example 1

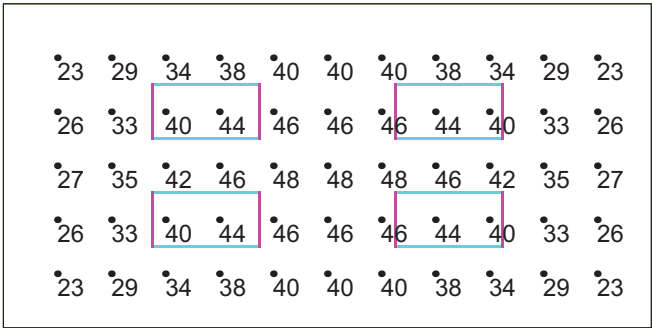


Fixture Size: 3'x3'
Initial Ambient Light Level on Table Plane (fc): 49
Uniformity (max/min): 1.5:1
Lighting Power Density (w/sf): 1.2

3' sections

E1-I blends beauty with performance. Use this guide to see how you can bring a new level of performance to your conference room designs.

Conference Room - Example 2

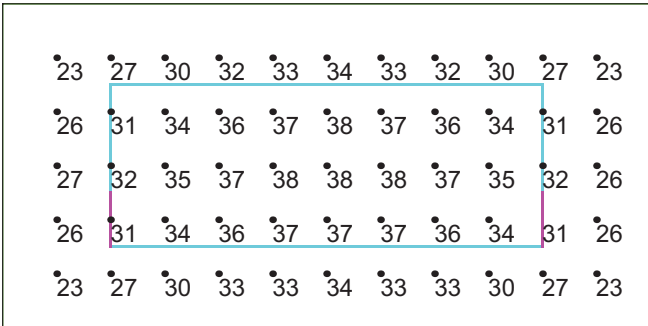


Fixture Size: 2'x4'
Initial Ambient Light Level on Table Plane (fc): 37
Uniformity (max/min): 2:1
Lighting Power Density (w/sf): 0.82

2' sections
4' sections

E1-I blends beauty with performance. Use this guide to see how you can bring a new level of performance to your conference room designs.

Conference Room - Example 3



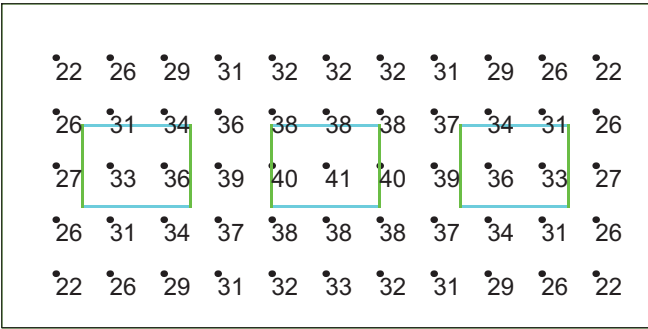
Fixture Size: 6'x16'
Initial Ambient Light Level on Table Plane (fc): 32
Uniformity (max/min): 1.7:1
Lighting Power Density (w/sf): 0.75

- 2' sections
- 4' sections

Conference Room 12'x25'

E1-I blends beauty with performance. Use this guide to see how you can bring a new level of performance to your conference room designs.

Conference Room - Example 4



Fixture Size: 3'x4'
Initial Ambient Light Level on Table Plane (fc): 32
Uniformity (max/min): 1.9:1
Lighting Power Density (w/sf): 0.72

3' sections
4' sections

E1-Indirect linear or configuration is ideal for many applications, including corridors and reception areas. The E1-Indirect luminaire brings an element of design and performance to all corridors.

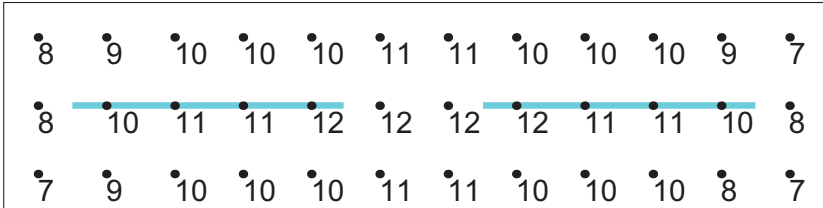
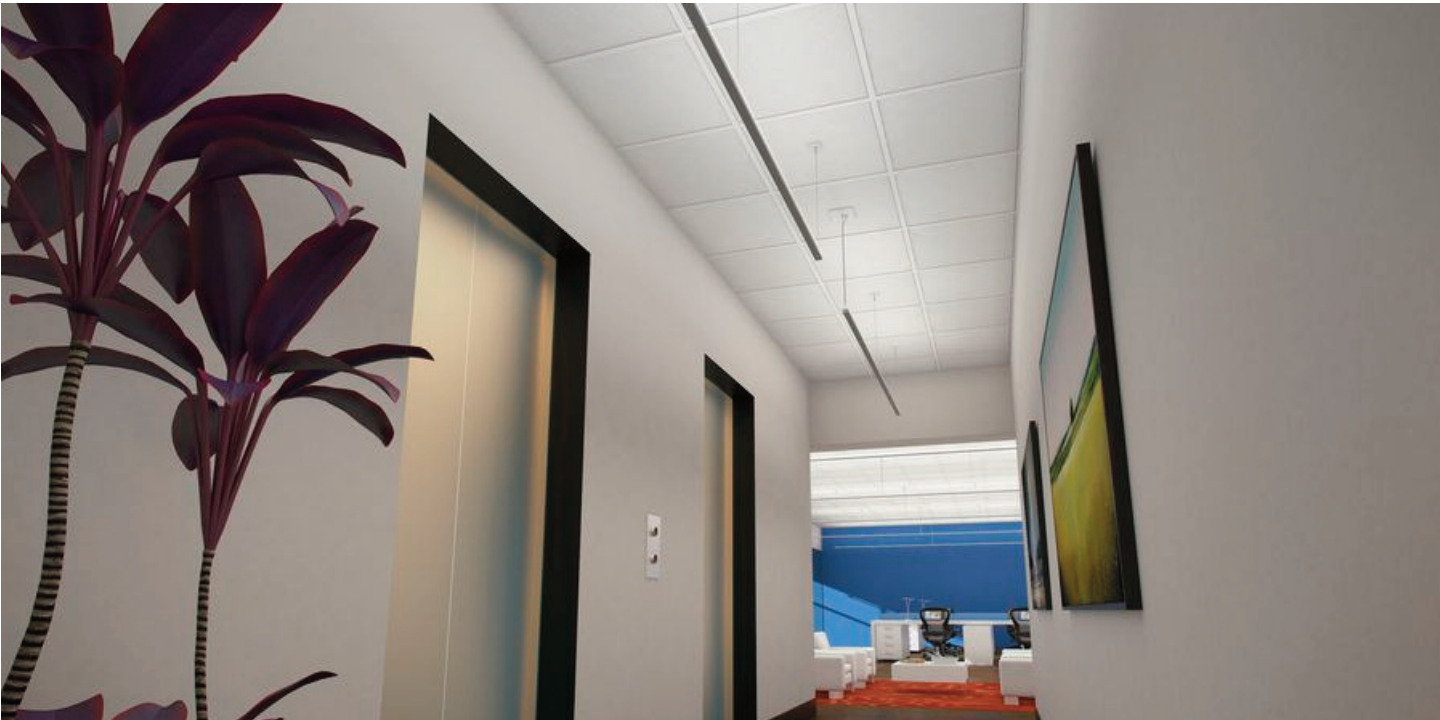
[Click Here to View Detailed Calculations](#)

Summary High Output Lumen Package	(2) 8' Runs Example 1	(2) 2'x2' Configurations Example 2
Initial Ambient Light Level at Floor Level (fc)	10	9
Uniformity (max:min)	1.7:1	1.6:1
Energy Consumption (w/sf)	0.55	0.55

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Corridor - Example 1

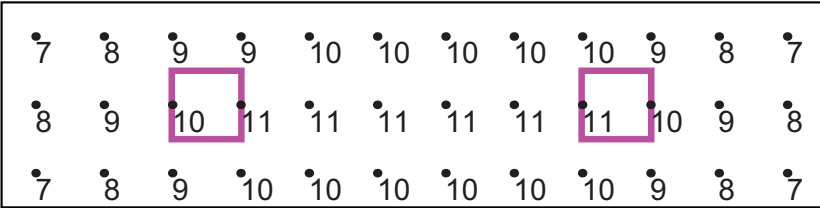



Fixture Size: 8' runs
Initial Ambient Light Level at Floor Level (fc): 10
Uniformity (max/min): 1.7:1
Lighting Power Density (w/sf): 0.55

■ 4' sections

E1-Indirect linear or configuration is ideal for many applications, including corridors and reception areas. The E1-Indirect luminaire brings an element of design and performance to all corridors.

Corridor - Example 2

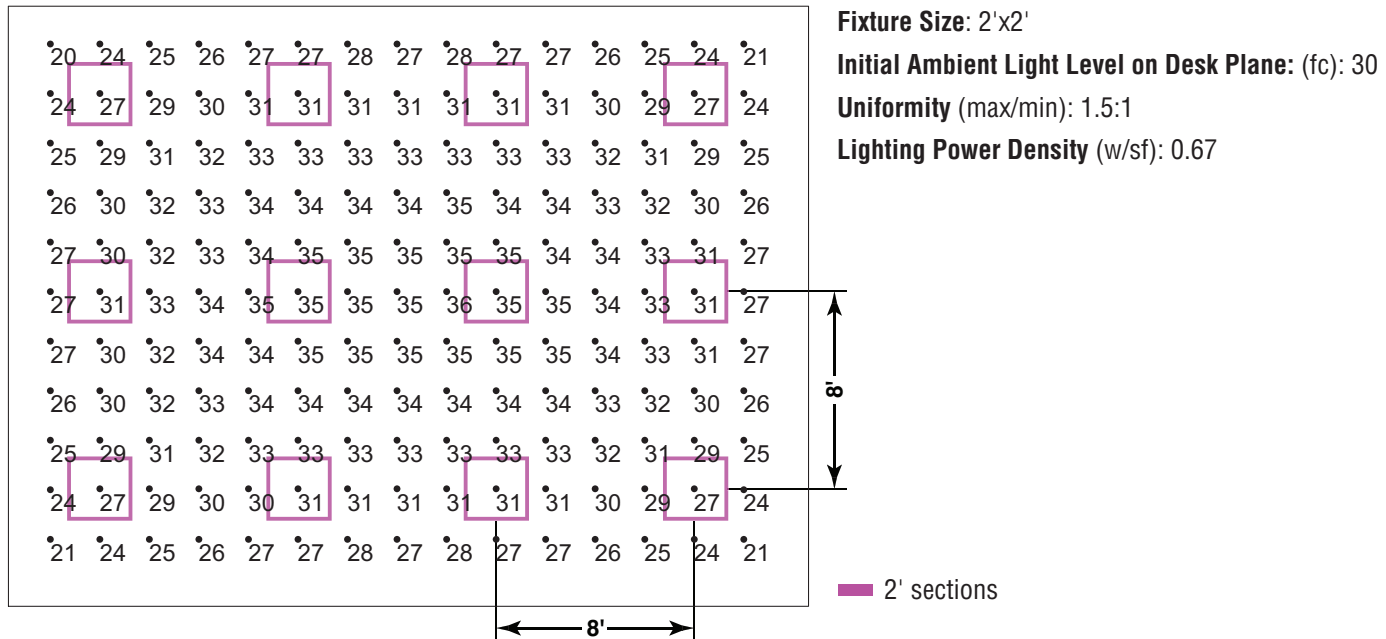


Fixture Size: 2'x2'
Initial Ambient Light Level at Floor Level (fc): 9
Uniformity (max/min): 1.6:1
Lighting Power Density (w/sf): 0.55
 2' sections

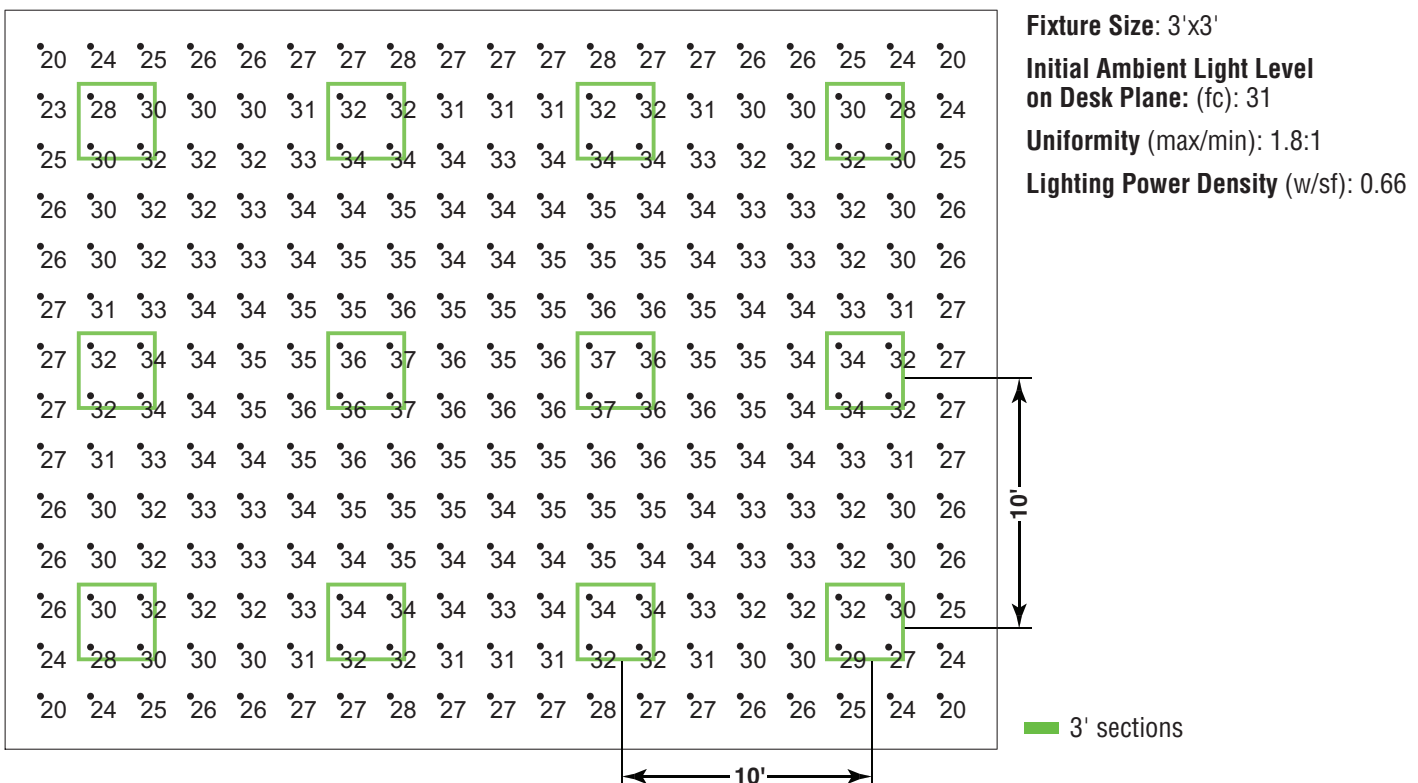
E1 can be laid out in many unique patterns that work with different architectural designs. The following QuickApps show the lighting levels and energy consumption based on simple luminaire spacing to give you an idea of what to expect. Finelite recommends asking your local representative to help with layouts of your exact space and design to ensure E1 luminaires meet your exact design goals.

[Click Here to View Detailed Calculations](#)

Open Plan Layout 22'x30'

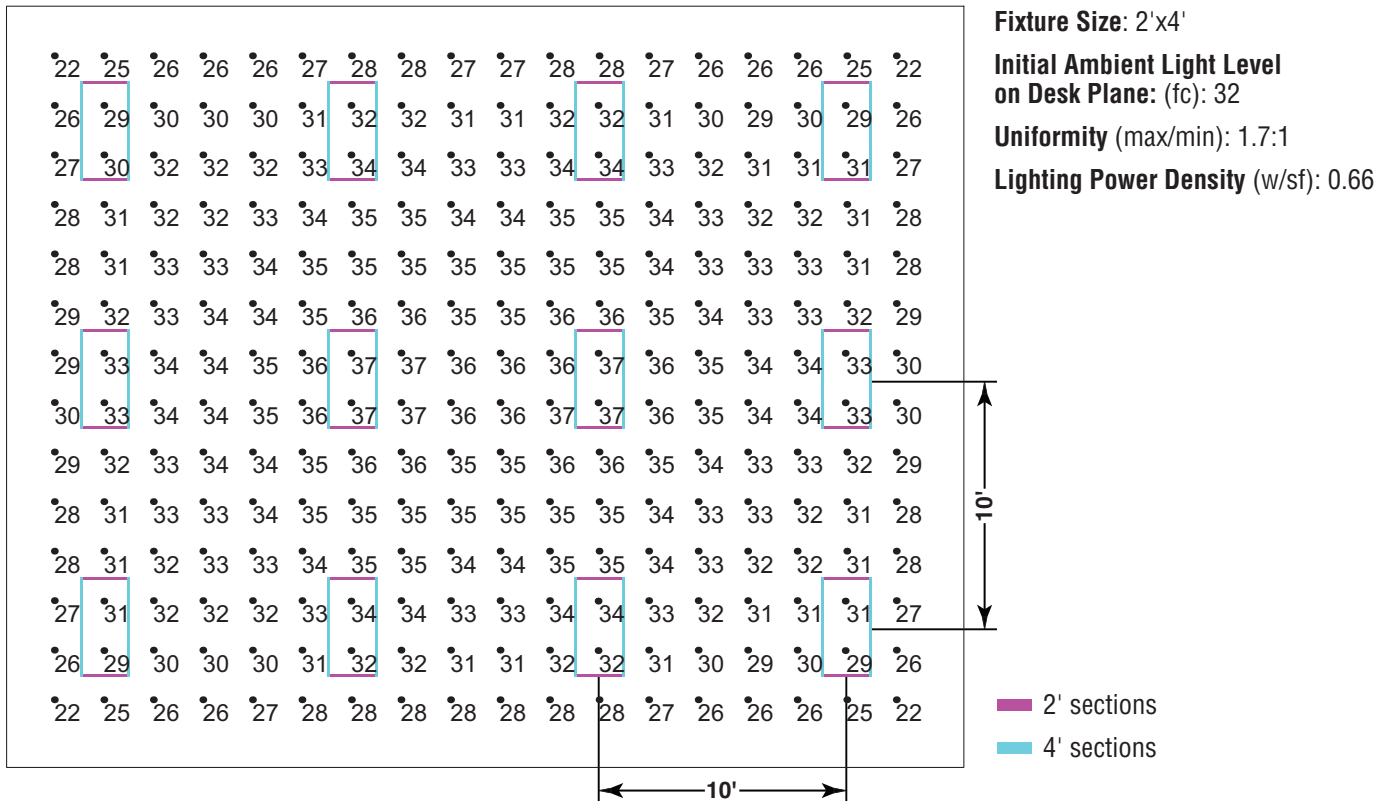


Open Plan Layout 27'x38'



E1 can be laid out in many unique patterns that work with different architectural designs. The following QuickApps show the lighting levels and energy consumption based on simple luminaire spacing to give you an idea of what to expect. Finelite recommends asking your local representative to help with layouts of your exact space and design to ensure E1 luminaires meet your exact design goals.

Open Plan Layout 28'x36'



Lobby Layout

