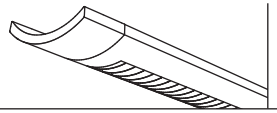

Row Configurations

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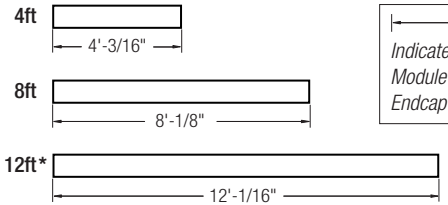
Module Lengths

Sona™ suspended systems are available in nominal 4ft, 8ft and 12ft modules. Exact overall module lengths are shown to the right (without endcaps).

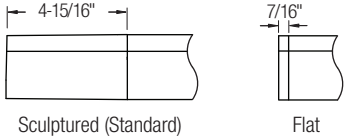
NOTE: Direct/indirect distributions are not available in 12ft modules.



Indicates overall nominal length of module. Module lengths do not include endcaps. Endcap dimensions are shown below.

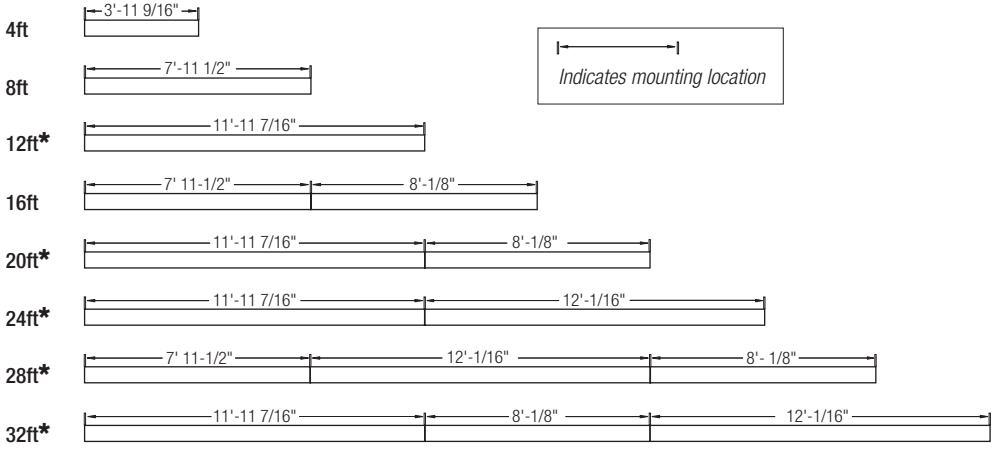
Endcaps

Overall row lengths do not include endcaps. Add two endcaps to the overall length of each row.



Mount Spacing

For on-grid T-bar ceiling installations, mounts attach directly to Tee. For non-accessible ceilings and off-grid T-bar installations, the graphic below indicates mount spacing for typical row lengths. Mounting options are also available for a wide variety of other ceiling types. See *Suspended Mounting Options* document for more detailed information.



Indicates mounting location

NOTE: Direct/indirect distributions are not available in 12ft modules.

Row Configurations

Table A - Semi-Indirect Distributions

Nominal Row Length	Number of Modules Required		Installed Row Length *(not including endcaps)*
	8'	12'	
12'		1x	12'-1/16"
16'			16'-1/4"
20'	1x	1x	20'-3/16"
24'		2x	24'-1/8"
28'	2x	1x	28'-5/16"
32'	1x	2x	32'-1/4"
36'		3x	36'-3/16"
40'	2x	2x	40'-3/8"
44'	1x	3x	44'-5/16"
48'		4x	48'-1/4"
52'	2x	3x	52'-7/16"
56'	1x	4x	56'-3/8"

Table A indicates how nominal 8ft and 12ft* modules can be combined to create continuous rows of various lengths. Modules can be combined in any order.

Note: Direct/indirect distributions are unavailable in 12ft modules. See Table B below for direct/indirect distributions.

Table B - Direct/Indirect Distributions

Nominal Row Length	Number of Modules Required		Installed Row Length *(not including endcaps)*
	4'	8'	
12'	1x	1x	12'-5/16"
16'		2x	16'-1/4"
20'	1x	2x	20'-7/16"
24'		3x	24'-3/8"
28'	1x	3x	28'-9/16"
32'		4x	32'-1/2"
36'	1x	4x	36'-11/16"
40'		5x	40'-5/8"
44'	1x	5x	44'-13/16"
48'		6x	48'-3/4"
52'	1x	6x	52'-15/16"
56'		7x	56'-7/8"

Table B indicates how nominal 4ft and 8ft modules can be combined to create continuous rows of various lengths. Modules can be combined in any order.

Note: Direct/indirect distributions are only available in 4ft and 8ft modules.

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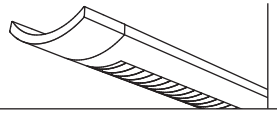

Row Configurations

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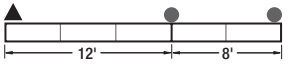
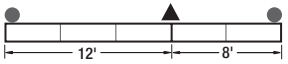
Power Feed

Power for the entire row can be placed at either end or any joint. *See examples below.*

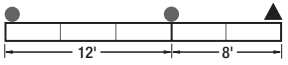
Example A



Example B

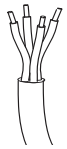


Example C



▲ = Power mount
● = Non-power mount

NOTE: Each row will be supplied standard with a power mount and a 4 conductor power cord *.



18/4 conductor AWM power cord:

Max. 10 amps

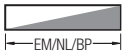
Max. 600V

Good for 2 circuit feeds or a 1 circuit feed with a NL/BP hot lead.

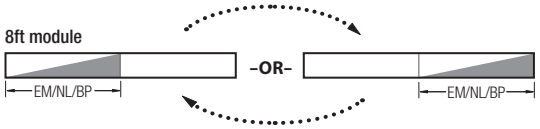
Emergency Circuit (EM), Night Light (NL) or Battery Pack (BP) Option

Modules are available with optional EM/NL circuit or BP. EM/NL/BP each power one 4ft end section of a module. To vary placement in a row, modules installed with EM/NL/BP can be reversed 180° as shown below in the 8ft and 12ft modules.

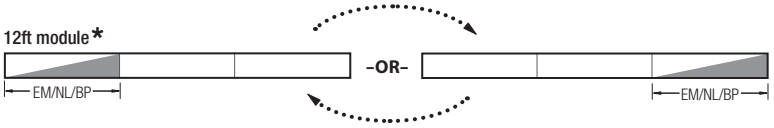
4ft module



8ft module



12ft module*



Note: Direct/indirect distributions are unavailable in 12ft modules.
See Table B (page 1) for direct/indirect distributions.

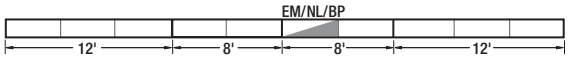
Emergency Circuit (EM), Night Light (NL) and Battery Pack (BP) placement in rows

Placement of EM/NL/BP modules is variable throughout a row. *See examples below of EM/NL/BP installed in 40ft rows.*

Example A

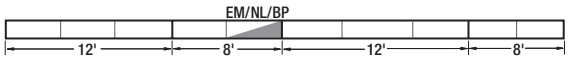
–OR–

Example B



–OR–

Example C



IMPORTANT: Whenever longer rows are made up of both 8' and 12' modules, EM/NL/BP sections will always be installed in 8' modules. If specific site restrictions require EM/NL/BP sections to be installed in 12' sections, please contact the factory.

Power feeds for rows installed with Night Light (NL) or Battery Pack (BP)

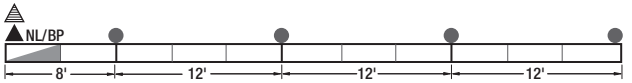
Every NL/BP module will be supplied with an additional 4 conductor power cord and power mount to enable variable power locations, as shown in the examples below.

For NL and BP installation, power can be installed adjacent to normal power or in a separate location. *See examples A and B below.*

Example A - 2 power drops

–OR–

Example B - 1 power drop



▲ = Power mount, normal
▲ = Power mount, NL/BP
● = Non-power mount

Power feeds for rows installed with Emergency Circuit (EM)

Every EM module will be supplied with an additional 4 conductor power cord and power mount to enable variable power locations, as shown in the examples below.

For EM installation, in all instances, code restrictions require two separate power drops, one for normal power and one for EM power. EM power must be installed in a location different than the normal power. *See example A below.*

Example A - 2 power drops

▲ = Power mount, normal
▲ = Power mount, EM
● = Non-power mount

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