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NEMA STANDARDS PUBLICATION LE 4

Recessed Luminaires, Ceiling Compatibility

NEMA

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LE 4

RECESSED LUMINAIRES, CEILING COMPATIBILITY

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Foreword

The purpose of this Standards Publication is to establish standardized dimensions for recessed luminaires, which, if adhered to, will ensure compatibility with conventional generic ceiling suspension systems. Compatibility, as referred to in this Standards Publication, means that luminaires will be designed to fit into ceiling systems without causing distortion or misalignment of ceiling members, and in such a manner as to ensure their proper support within the ceiling in accordance with the *National Electrical Code.* Compatibility further means that a luminaire will be placed in support systems in a symmetrical manner without oversized gaps existing between the luminaire and ceiling tiles or ceiling suspension members.

It is not the intent of this Standards Publication to inhibit luminaire design or to impose arbitrary tolerances on any luminaire manufacturer.

This Standards Publication does not attempt to establish comprehensive ceiling grid system standards; other sizes and designs of ceiling systems may be used. However, NEMA-type luminaires may not be compatible with these non-defined systems.

This Standards Publication supersedes and replaces NEMA LE 1-1974 (R 1980).

In the preparation of this Standards Publication input of users and other interested parties has been sought and evaluated. Inquiries, comments, and proposed or recommended revisions should be submitted to the Indoor Lighting Equipment Subdivision of NEMA by contacting:

Manager, Engineering Department
National Electrical Manufacturers Association
2101 L Street, N.W., Suite 300
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Scope

This Standards Publication contains definitions, dimensions, and tolerances for recessed luminaires designed to use fluorescent, high-intensity discharge and incandescent light sources.

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Section 1
DEFINITIONS

1.1 CEILING SUSPENSION SYSTEM

The entire network or grid of structural components that provide support for acoustical ceiling tiles, acoustical ceiling panels, luminaires, and air handling terminals.

NEMA Standard 1-21-1987.

1.2 RECESSED LUMINAIRE

A luminaire which is mounted above the ceiling (or behind a wall or other surface) with the opening of the luminaire essentially level with the surface.

NEMA Standard 1-21-1987.

1.3 SPLAY

Decorative trim of various materials provided by luminaire or ceiling manufacturers, used to conceal edges of the tile and supporting member.

NEMA Standard 1-21-1987.

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Section 2

TYPES OF RECESSED FLUORESCENT LUMINAIRES

2.1 GENERAL INFORMATION

All maximum dimensions shown for ceiling grid systems in Section 2 are stipulated for purposes of defining which systems NEMA-type recessed luminaires will fit into. Except where maximum or minimum dimensions are shown, all dimensions are nominal.

NEMA Standard 1-21-1987.

The manufacturing methods and processes required to produce recessed luminaires are such that they preclude precise dimensional tolerances; therefore, a slight bow or variation in overall dimensions is to be expected.

Authorized Engineering Information 1-21-1987.

2.2 TYPE F (FLANGED)

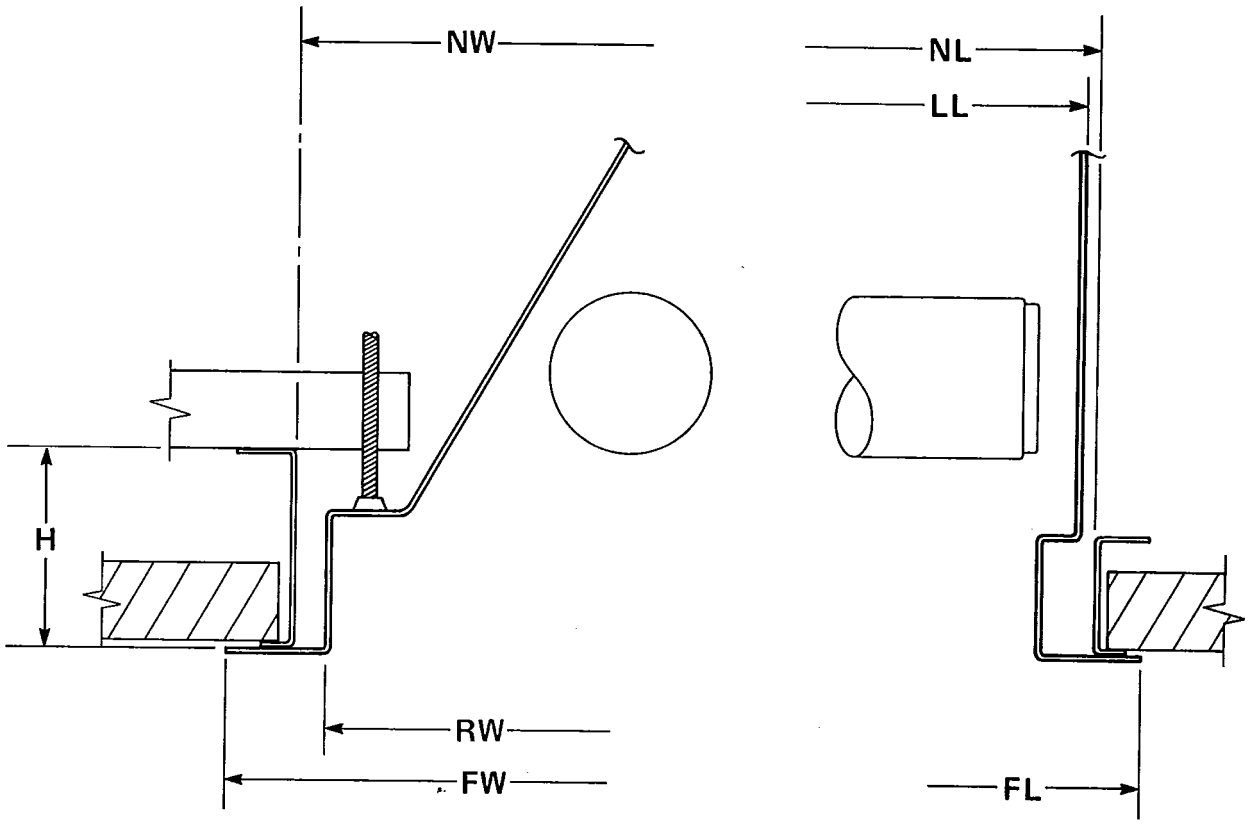
A Type F luminaire, as shown in Figure 2-1, is one having flanges which conceal the edges of the ceiling opening. The luminaire is mounted with integral adjustable supports. All luminaire dimensions are in inches and NW (nominal width), NL (nominal length), and H (support height) must be coordinated.

In Figure 2-1:

NL =	Nominal ceiling opening length
NW =	Nominal ceiling opening width
FW =	Luminaire flange width, such that it adequately conceals ceiling opening and supporting hardware
FL =	Luminaire flange length, such that it adequately conceals ceiling opening and supporting hardware
RW =	Recessed housing width, less than or equal to (NW − 1/8″)
LL =	Luminaire length, less than or equal to NL
H =	Support height

NEMA Standard 1-21-1987.

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Cross Section of Side

Cross Section of End

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Figure 2-1
TYPE F

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2.3 TYPE FZ (FLANGED WITH TILE STOP)

A Type FZ luminaire, as shown in Figure 2-2, is one having flanges which conceal the edges of the ceiling opening and that incorporate tile stops. The fixture is mounted off integral adjustable supports. All dimensions are in inches, and NW (nominal width), NL (nominal length), and H (support height) must be coordinated.

In Figure 2-2:

NL = Nominal ceiling opening length

NW = Nominal ceiling opening width

FW = Luminaire flange width, such that it adequately conceals ceiling opening and supporting hardware

FL = Luminaire flange length, such that it adequately conceals ceiling opening and supporting hardware

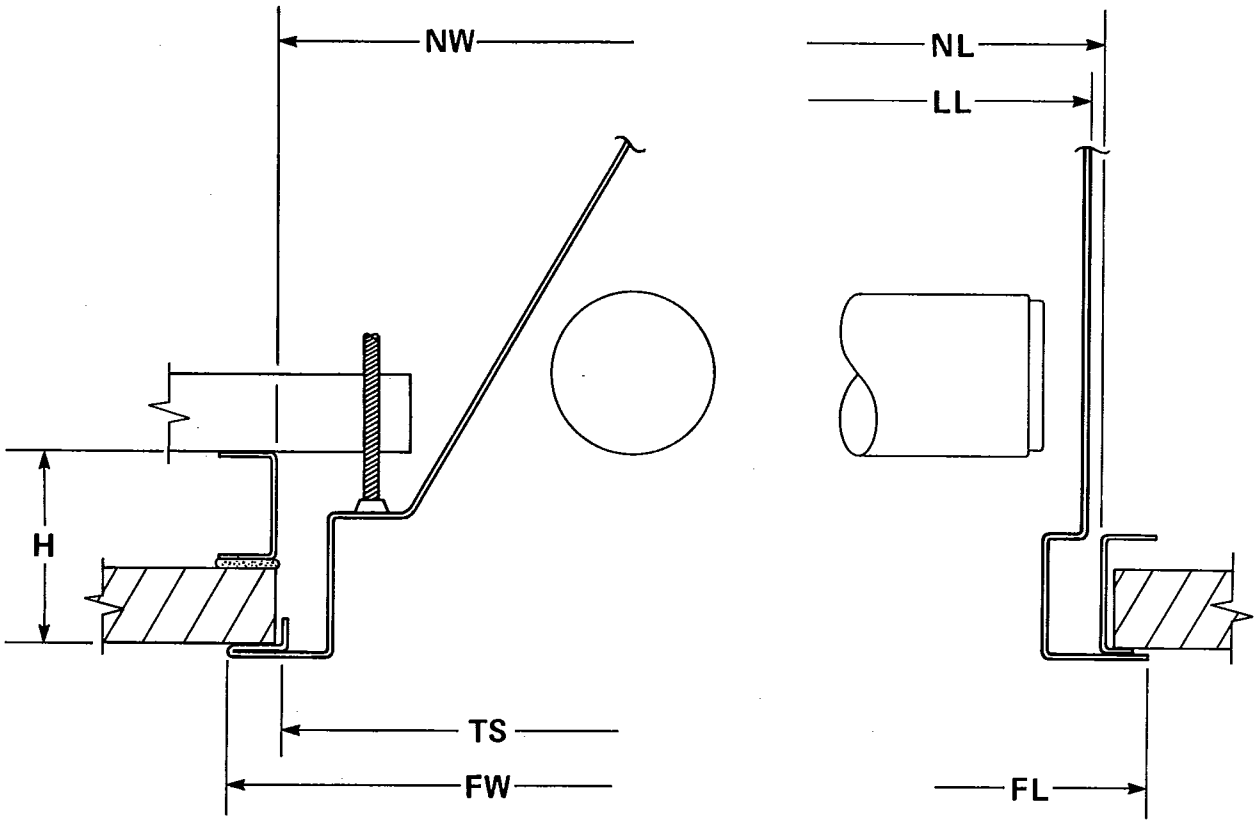
TS = Luminaire tile stop, less than or equal to (NW − $1/16''$)

LL = Luminaire length, less than or equal to NL

H = Support height

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Figure 2-2
TYPE FZ

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2.4 TYPE M (MODULAR) AND TYPE Z (Z SPLINE)

Type M and Z luminaires, as shown in Figure 2-3, have flanges with turned up edges which align with the ceiling openings on all four sides. The luminaire is mounted from integral adjustable hangers or other means of support. All dimensions are in inches and include out-of-square tolerances. W (modular width), L (modular length), and H (support height) must be coordinated.

In Figure 2-3:

L = Modular length dimension

W = Modular width dimensions center-to-center of ceiling support members

FW = Luminaire flange width, less than or equal to W

FL = Luminaire flange length, less than or equal to L

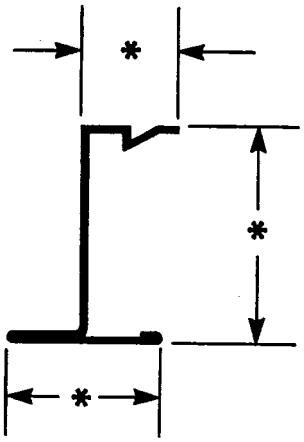
LL = Overall luminaire length, less than or equal to L

H = Support height

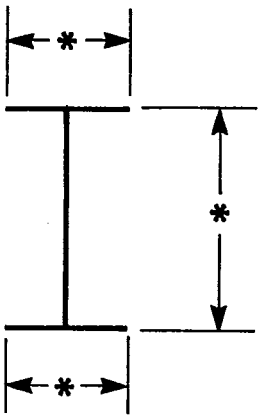
All ceiling system dimensions shown in Figure 2-3 and designated with an asterisk (*), must be coordinated.

NEMA Standard 1-21-1987.

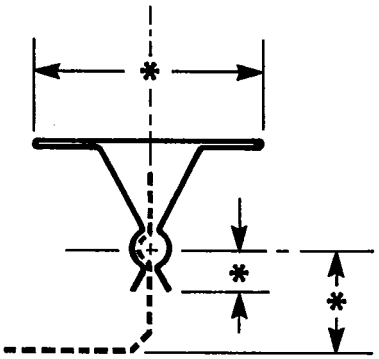
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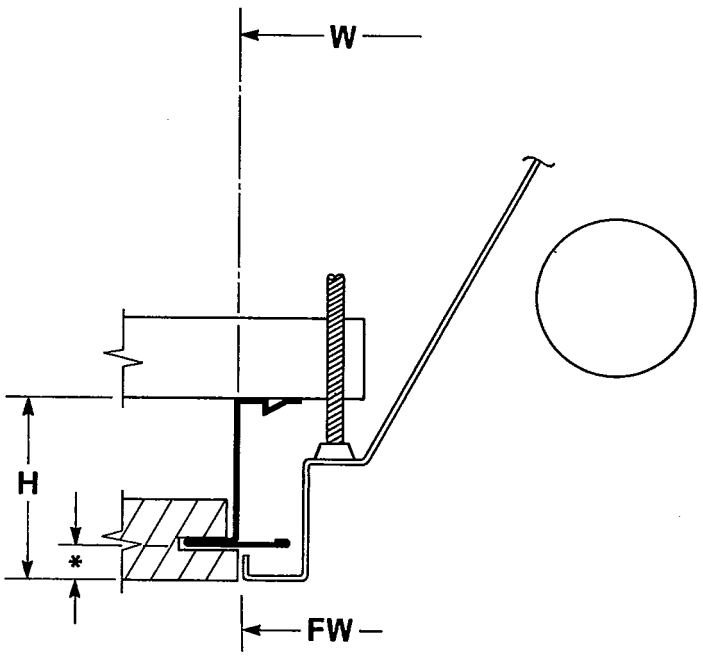
"Z" Spline



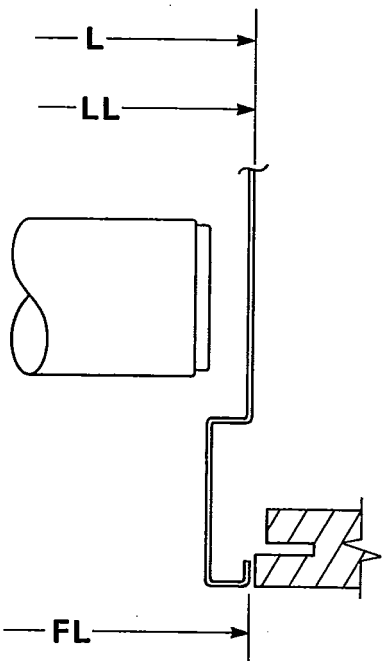
"H" Spline



Snap-in Bar



Cross Section of Side



Cross Section of End

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Figure 2-3
TYPE M AND TYPE Z

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2.5 TYPE G (GRID)

A Type G luminaire, as shown in Figure 2-4, is one having edges which rest on, and are supported by, exposed inverted tees configured in a grid pattern. If T-bar clips are integral with, or are furnished with the luminaire, they shall be field secured to the inverted ceiling tees. All dimensions are in inches and include out-of-square tolerance.

In Figure 2-4:

L = Modular length dimension center-to-center of T-bar

W = Modular width dimension center-to-center of T-bar

EL = Luminaire edge length, equal to (L − 1/4 inch)
A plus (+) tolerance of 3/32 inch on edge length (EL) is permitted only if edge width (EW) does not exceed (W − 1/4 inch). A minus (−) tolerance of 1/8 inch is permitted.

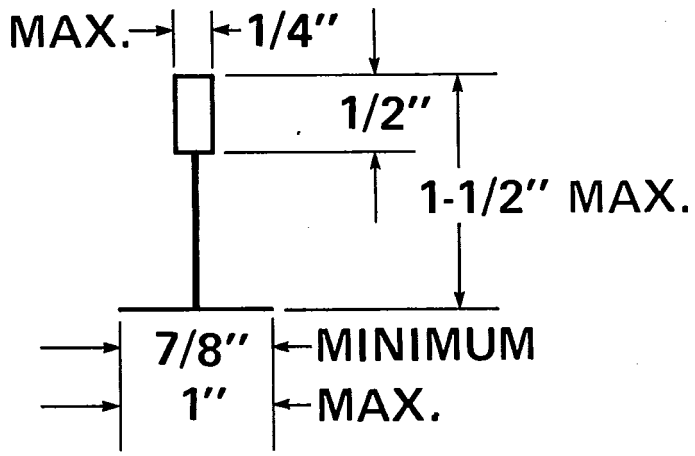
EW = Luminaire edge width, equal to (W − 1/4 inch)
A plus (+) tolerance of 1/8 inch on edge width (EW) is permitted only if edge length (EL) does not exceed (L − 1/4 inch). A minus (−) tolerance of 1/8 inch is permitted.

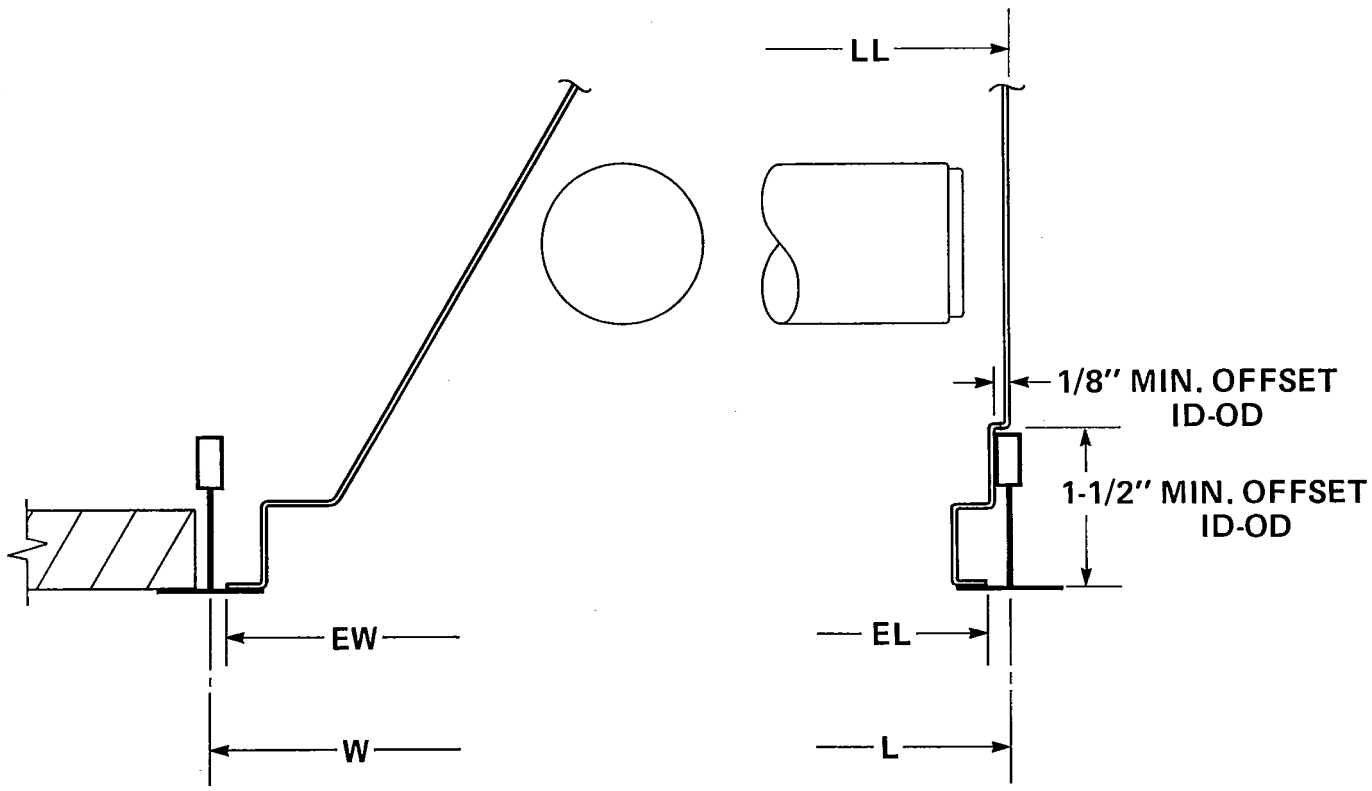
LL = Over-all luminaire length, less than or equal to L

ID-OD = Inside dimension-outside dimension

NEMA Standard 1-21-1987.

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Cross Section of Side

Cross Section of End

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Figure 2-4
TYPE G

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2.6 TYPE GR (GRID-REGRESSED)

A Type GR luminaire, as shown in Figure 2-5, is the same as a Type G luminaire, except the edges of the luminaire rest on, and are supported by, concealed inverted tees configured in a grid pattern. If T-bar clips are integral with, or are furnished with the luminaire, they shall be field secured to the inverted ceiling tees.

NEMA Standard 1-21-1987.

A separate regressed splay frame may be used to conceal the edges of the tile and supporting member.

Authorized Engineering Information 1-21-1987.

All dimensions are in inches, and include out-of-square tolerance.

In Figure 2-5:

L = Modular length dimension center-to-center T-bar

W = Modular width dimension center-to-center T-bar

EL = Luminaire edge length, equal to (L − 1/4 inch)
A plus (+) tolerance of 3/32 inch on edge length (EL) is permitted only if edge width (EW) does not exceed (W − 1/4 inch). A minus (−) tolerance of 1/8 inch is permitted.

EW = Luminaire edge width, equal to (W − 1/4 inch)
A plus (+) tolerance of 1/8 inch on edge width (EW) is permitted only if edge length (EL) does not exceed (L − 1/4 inch). A minus (−) tolerance of 1/8 inch is permitted.

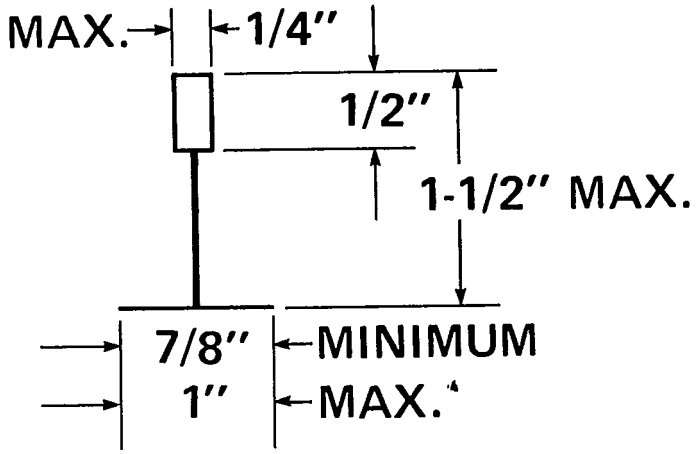
LL = Over-all luminaire length, less than or equal to L

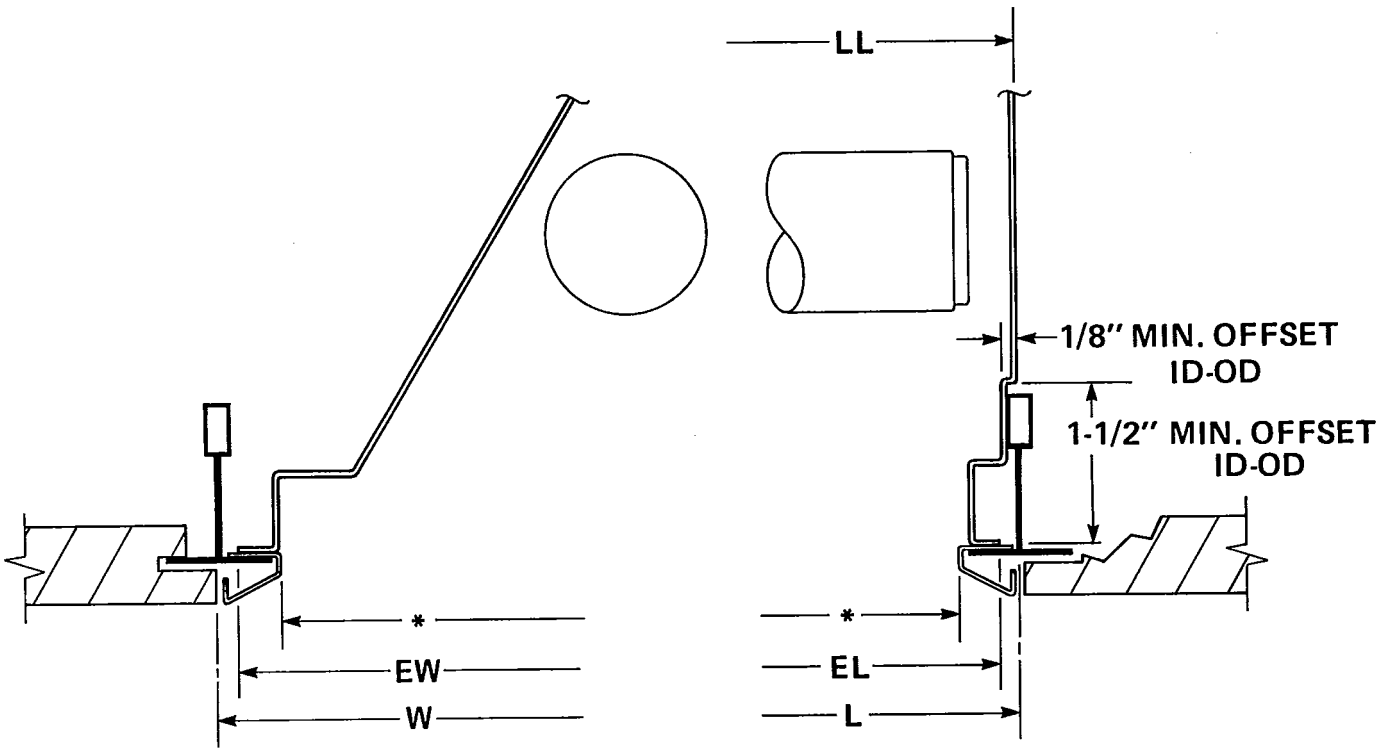
ID-OD = Inside dimension − outside dimension

Opening dimensions of regressed splay as indicated in Figure 2-5 by an asterisk (*), must be such to permit full opening of luminaire door.

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Cross Section of Side

Cross Section of End

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Figure 2-5
TYPE GR

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2.7 TYPE NFG (NARROW FACED GRID)

A Type NFG luminaire, as shown in Figure 2-6, is similar to a Type G luminaire, having edges which rest on, and are supported by, exposed inverted tees configured in a grid pattern. T-bar clips integral with, or furnished with the luminaire shall be field secured to the inverted ceiling tees, and the luminaire shall be centered within the opening. All dimensions are in inches, and maximum dimensions include out-of-square tolerance.

In Figure 2-6:

L = Modular length dimension center-to-center T-bar

W = Modular width dimension center-to-center T-bar

EL = Luminaire edge length, equal to (L − 1/4 inch)
A plus (+) tolerance of 3/32 inch on edge length (EL) is permitted only if edge width (EW) does not exceed (W − 1/4 inch). A minus (−) tolerance of 3/16 inch is permitted.

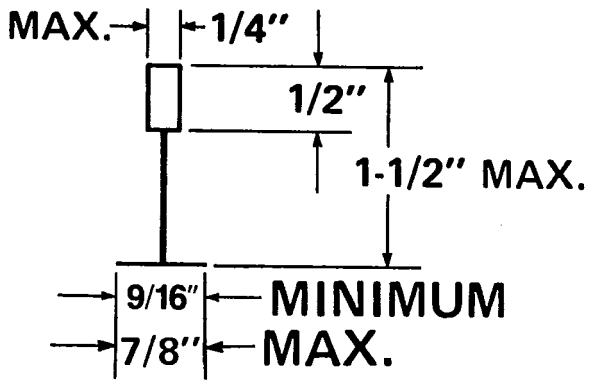
EW = Luminaire edge width, equal to (W − 1/4 inch)
A plus (+) tolerance of 1/8 inch on edge width (EW) is permitted only if edge length (EL) does not exceed (L − 1/4 inch). A minus (−) tolerance of 3/16 inch is permitted.

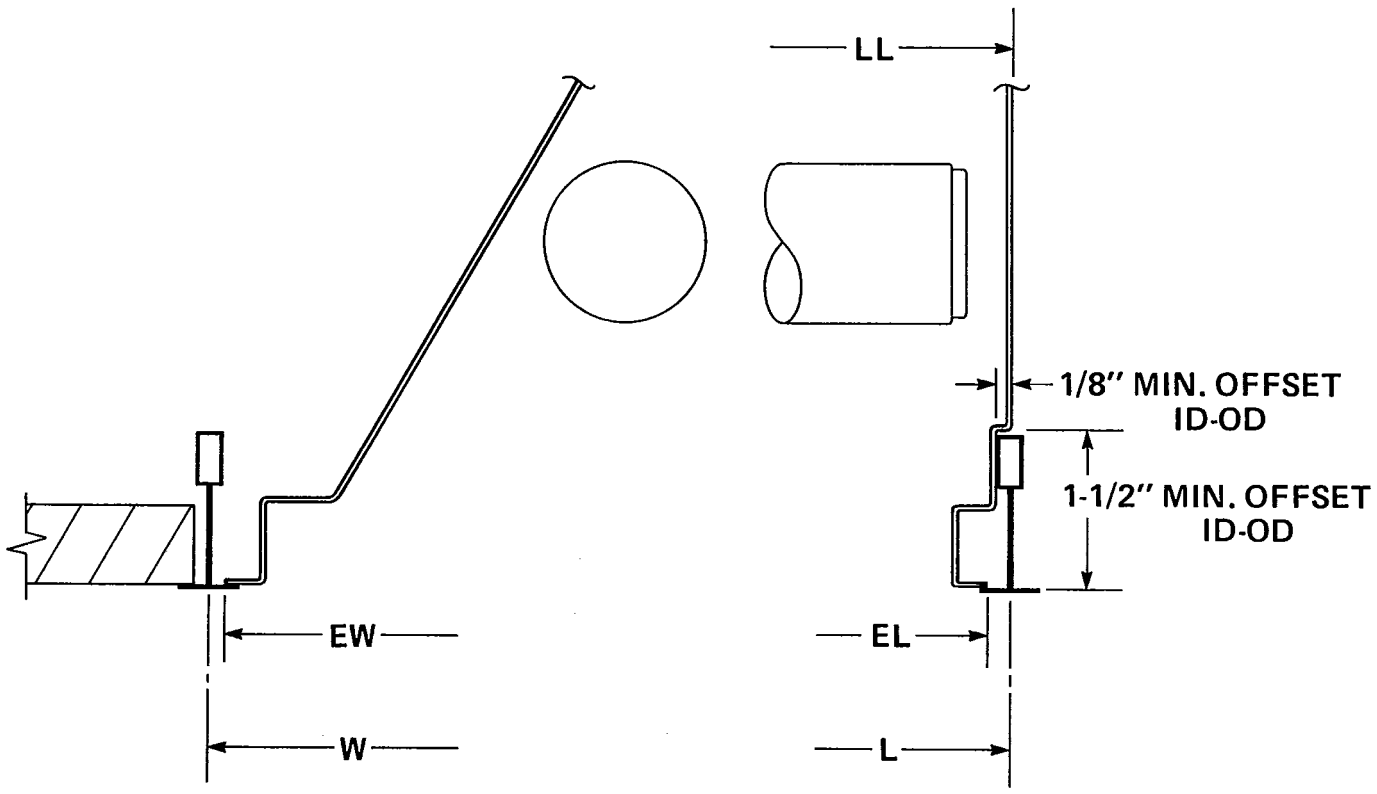
LL = Over-all luminaire length, less than or equal to L

ID-OD = Inside dimension − outside dimension

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Cross Section of Side

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Figure 2-6
TYPE NFG

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2.8 NFSG (NARROW FACED SLOT GRID)

A Type NFSG luminaire, as shown in Figure 2-7, is similar to Type G luminaire, having edges which rest on, and are supported by, exposed tees configured in a grid pattern.

NEMA Standard 1-21-1987.

Additional luminaire support may be provided through the use of support clips furnished by the ceiling manufacturer.

Authorized Engineering Information 1-21-1987.

T-bar clips integral with, or furnished with, the luminaire shall be field secured to the inverted ceiling tees, and the luminaire shall be centered within the opening. All dimensions are in inches, and maximum dimensions include out-of-square tolerance.

In Figure 2-7:

L = Modular length dimension center-to-center of T-bar

W = Modular width dimension center-to-center of T-bar

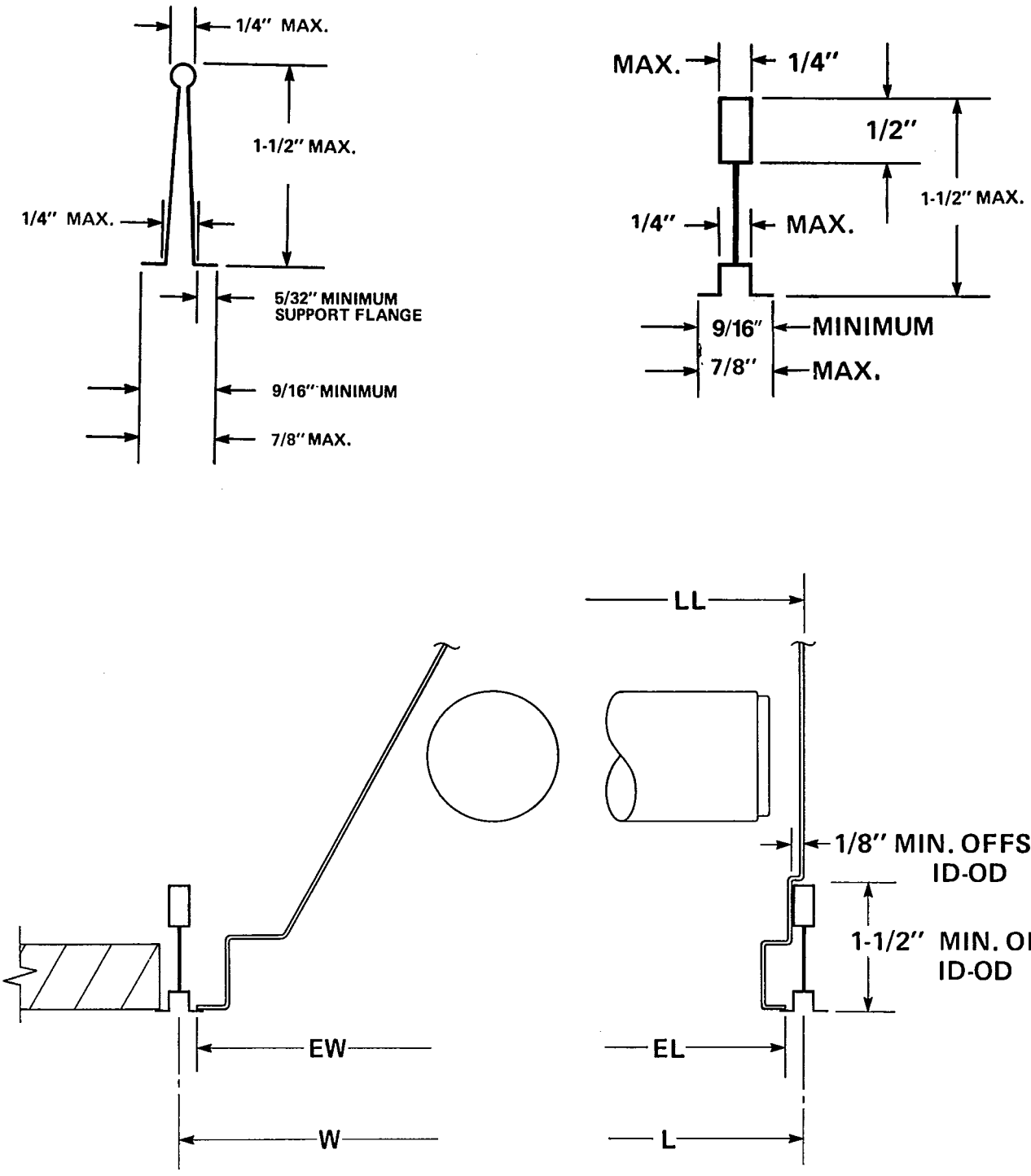
EL = Luminaire edge length, equal to (L − 1/4 inch)
A plus (+) tolerance of 00 inch on edge length (EL) is permitted. A minus (−) tolerance of 3/16 inch is permitted.

EW = Luminaire edge width, equal to (W − 1/4 inch)
A plus (+) tolerance of 00 inch on edge width (EW) is permitted. A minus (−) tolerance of 3/16" is permitted.

LL = Over-all luminaire length, less than or equal to L

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Figure 2-7
TYPE NFSG

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2.9 TYPE SS (SCREW SLOT)

A Type SS luminaire, as shown in Figures 2-8 and 2-9, is one having edges which rest on, and are supported by, exposed inverted tee's configured in a grid pattern. T-bar clips integral with, or furnished with, the luminaire shall be field secured to the inverted ceiling tees, and the luminaire shall be centered within the opening. All dimensions are in inches, and maximum dimensions include out-of-square tolerance.

In Figures 2-8 and 2-9:

L = Modular length dimensions center-to-center of T-bar

W = Modular width dimension center-to-center of T-bar

EL = Luminaire edge length, equal to (L − 1/4 inch)
A plus (+) tolerance of 3/32 inch on edge length (EL) is permitted only if edge width (EW) does not exceed (W − 1/4 inch). A minus (−) tolerance of 3/16 inch is permitted.

EW = Luminaire edge width, equal to (W − 1/4 inch)
A plus (+) tolerance of 1/8 inch on edge width (EW) is permitted only if edge length (EL) does not exceed (L − 1/4 inch). A minus (−) tolerance of 3/16 inch is permitted.

LL = Over-all length, less than or equal to L

ID-OD = Inside dimension − outside dimension

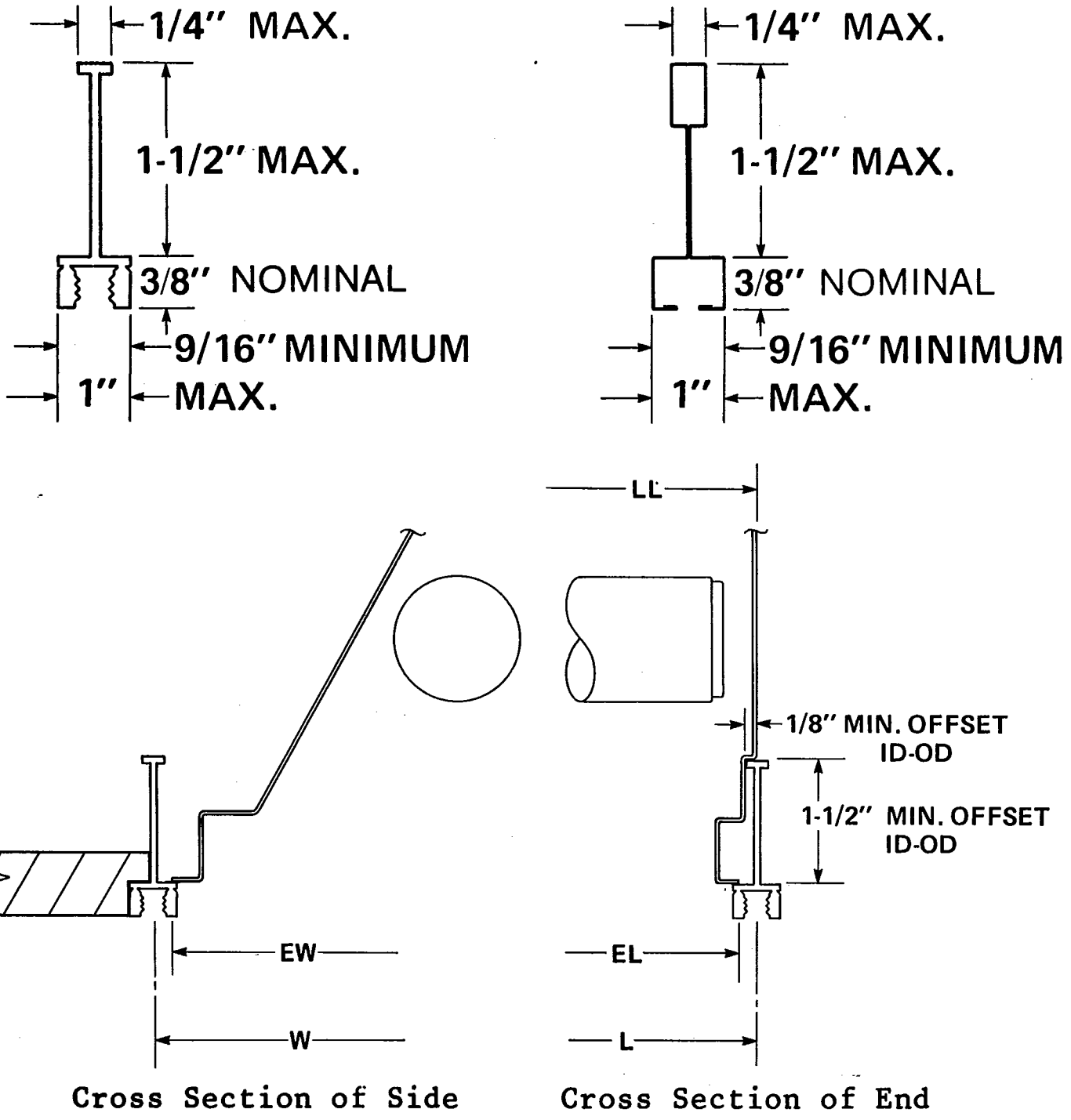
All dimensions shown in Figure 2-8, apply to Figure 2-9.

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Figure 2-10, Type SS—Special, shows a sample of a type of ceiling design that requires special luminaire construction.

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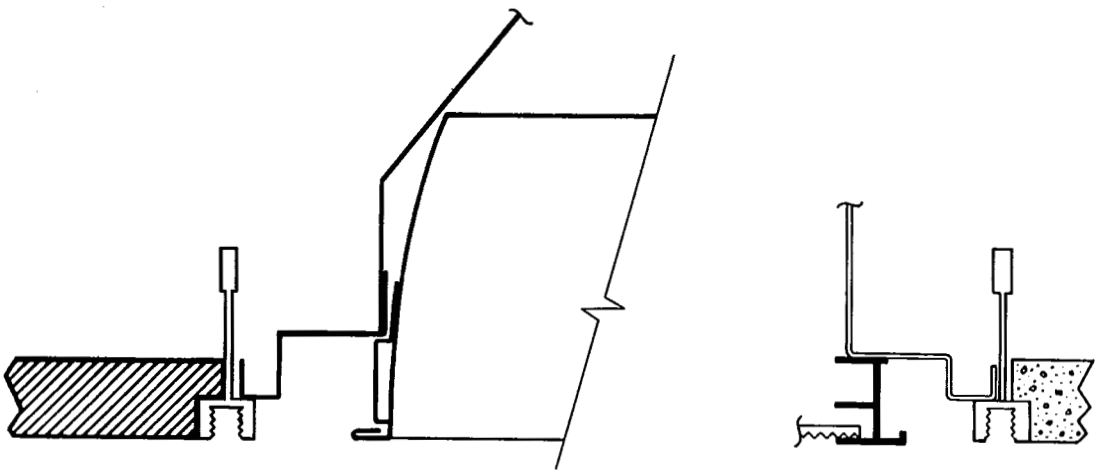
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Figure 2-8
TYPE SS

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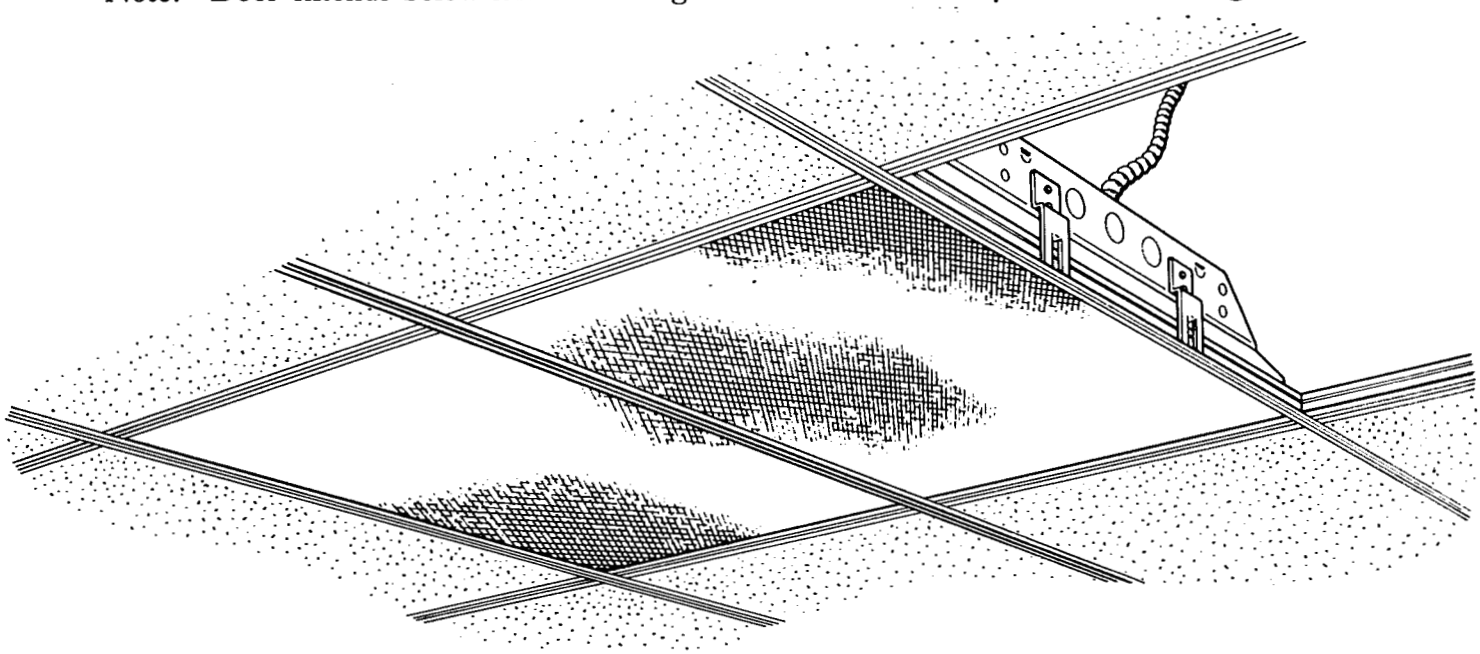
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Figure 2-9
TYPE SS

Note: Door extends below luminaire flange so as to be essentially flush with ceiling tile.



CAUTION: Special luminaire construction is required for ceiling designs where screw slot t-bar divides luminaire length in half requiring double doors.

Figure 2-10
TYPE SS—SPECIAL

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Section 3

TYPES OF RECESSED HIGH INTENSITY DISCHARGE LUMINAIRES

3.1 GENERAL INFORMATION

All maximum dimensions shown for ceiling grid systems in Section 3 are stipulated for purposes of defining which systems NEMA-type recessed luminaires will fit into. Except where maximum or minimum dimensions are shown, all dimensions are nominal.

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The manufacturing methods and processes required to produce recessed luminaires are such that they preclude precise dimensional tolerances. A slight bow or variation in overall dimensions is to be expected.

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3.2 Type F (FLANGED)

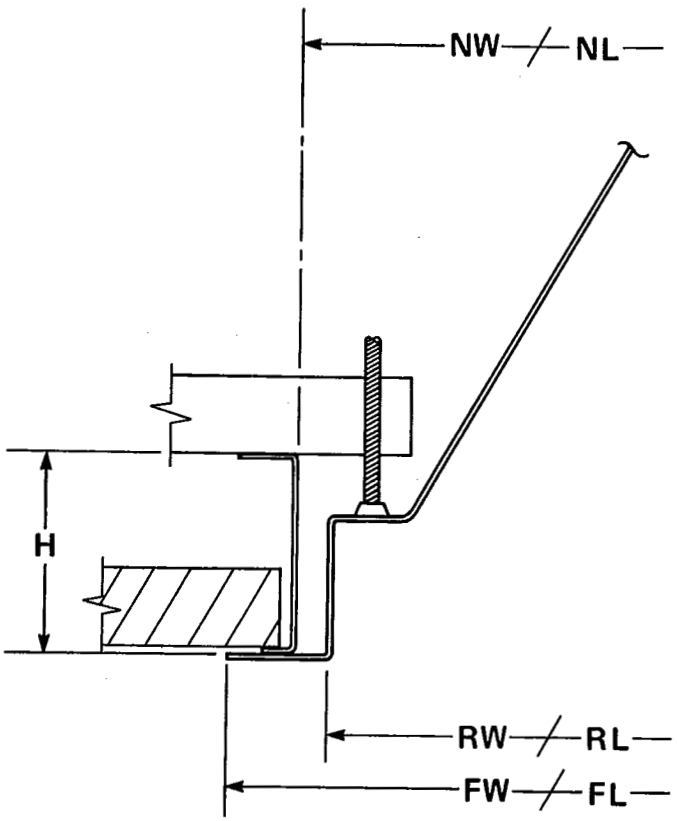
A Type F luminaire, as shown in Figure 3-1, is one having flanges which conceal the edges of the ceiling opening. The luminaire is mounted with integral adjustable supports. All dimensions are in inches, and NW (nominal width), NL (nominal length), and H (support height) must be coordinated.

In Figure 3-1:

NL =	Nominal ceiling opening length
NW =	Nominal ceiling opening width
FW =	Luminaire flange width, such that it adequately conceals ceiling opening and supporting hardware
FL =	Luminaire flange length, such that it adequately conceals ceiling opening and supporting hardware
RW =	Recessed housing width, less than or equal to (NW − 1/8 inch)
RL =	Recessed housing length, less than or equal to (NL − 1/8 inch)
H =	Support height

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Figure 3-1
TYPE F—HID

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3.3 TYPE FZ (FLANGED WITH TILE STOP)

A Type FZ, as shown in Figure 3-2, luminaire is one having flanges which conceal the edges of the ceiling opening and that incorporate tile stops. The fixture is mounted off integral adjustable supports. All dimensions are in inches, and NW (nominal width) and H (support height) must be coordinated.

In Figure 3-2:

NL = Nominal ceiling opening length

NW = Nominal ceiling opening width

FW = Luminaire flange width, such that it adequately conceals ceiling opening and supporting hardware

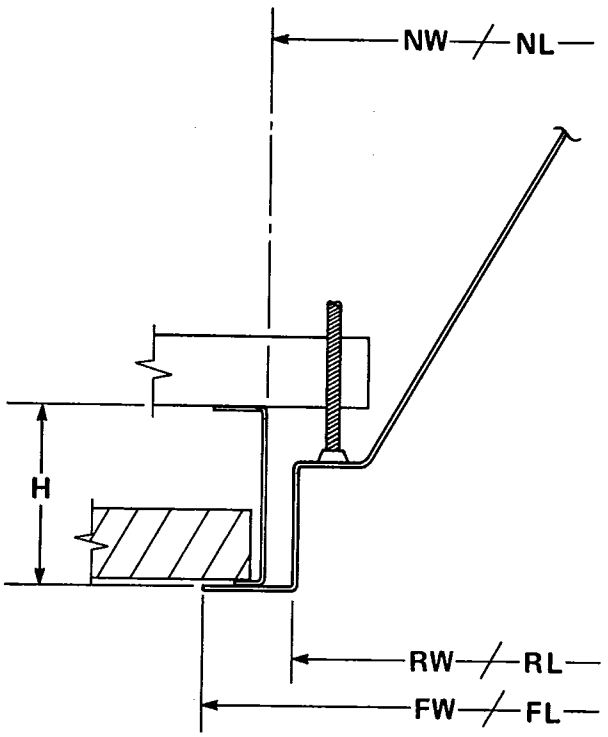
FL = Luminaire flange length, such that it adequately conceals ceiling opening and supporting hardware

TS = Luminaire tile stop, less than or equal to (NW − 1/16 inch)

H = Support height

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Figure 3-2
CROSS SECTION
TYPE FZ—HID

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3.4 TYPE M (MODULAR) AND TYPE Z (Z SPLINE)

Type M and Z luminaires, as shown in Figure 3-3, have flanges with turned up edges which align with the ceiling openings on all four sides. The luminaire is mounted from integral adjustable hangers or other means of support. All dimensions are in inches, and include out-of-square tolerance. W (modular width), L (modular length) and H (support height) must be coordinated.

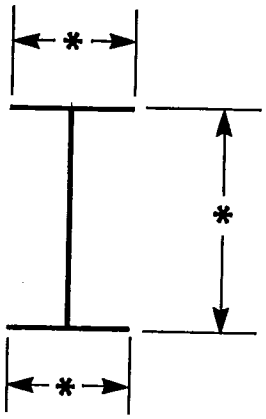
In Figure 3-3:

L =	Modular length dimension
W =	Modular width dimensions center-to-center of ceiling support members
FW =	Luminaire flange width, less than or equal to W
FL =	Luminaire flange length, less than or equal to L
H =	Support height

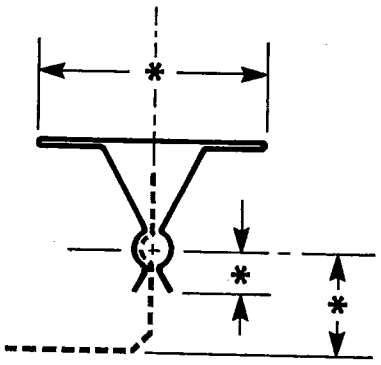
All ceiling system dimensions shown in Figure 3-3 and designated with an asterisk (*), must be coordinated.

NEMA Standard 1-21-1987.

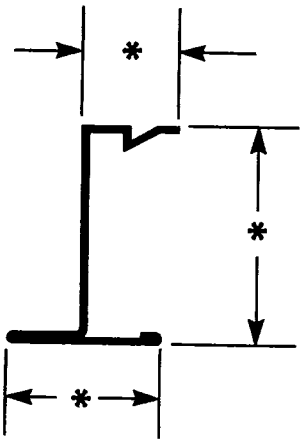
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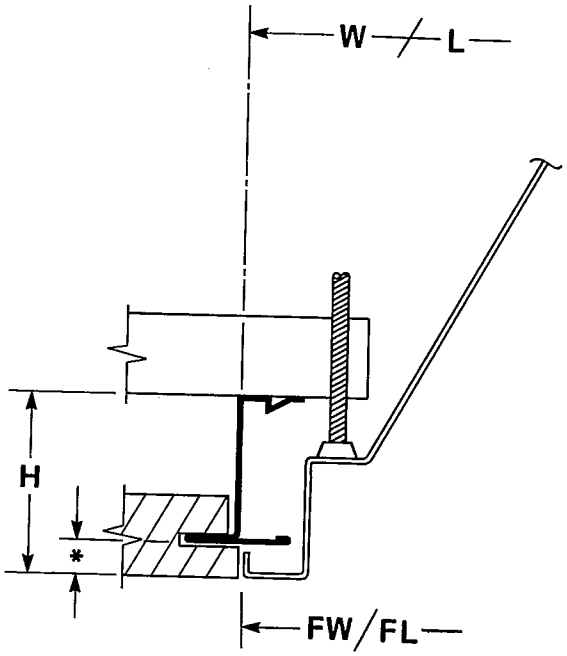
"H" Spline



Snap-in Bar



"Z" Spline



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Figure 3-3
CROSS SECTION OF TYPE M AND TYPE Z—HID

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3.5 TYPE G (GRID)

A Type G luminaire, as shown in Figure 3-4, is one having edges which rest on, and are supported by, exposed inverted tees configured in a grid pattern. If T-bar clips are integral with, or are furnished with the luminaire, they shall be field secured to the inverted ceiling tees. All dimensions are in inches and include out-of-square tolerance.

In Figure 3-4:

L = Modular length dimension center-to-center of T-bar

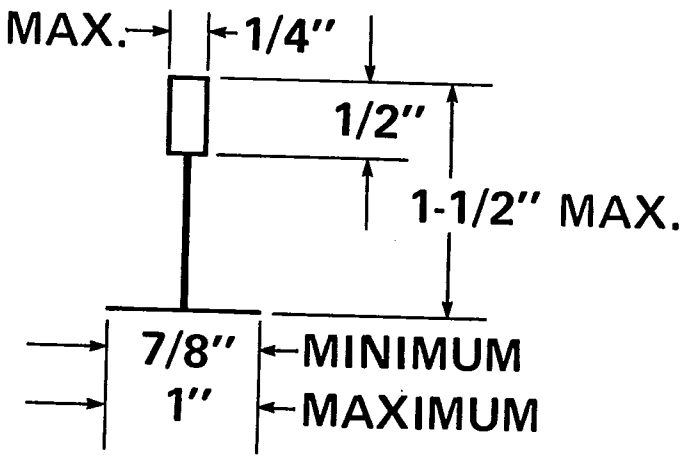
W = Modular width dimension center-to-center of T-bar

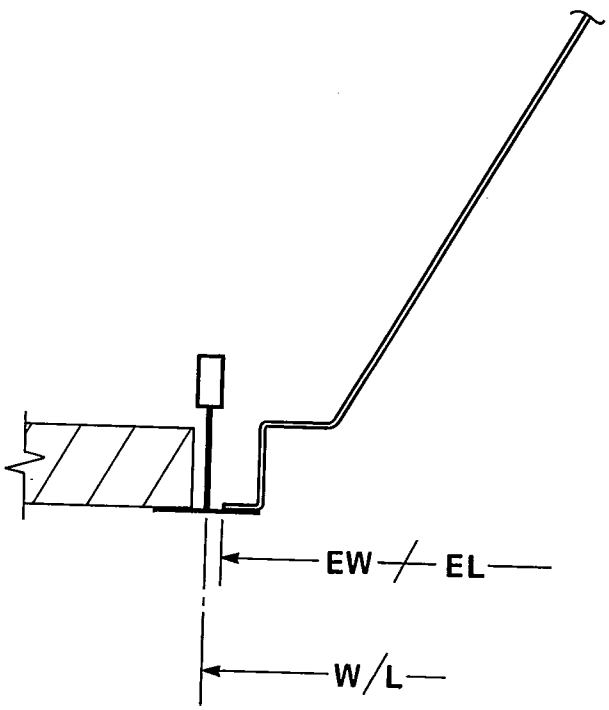
EL = Luminaire edge length, equal to (L − 1/4 inch)
A plus (+) tolerance of 3/32 inch on edge length (EL) is permitted only if edge width (EW) does not exceed (W − 1/4 inch). A minus (−) tolerance of 1/8 inch is permitted.

EW = Luminaire edge width, equal to (W − 1/4 inch)
A plus (+) tolerance of 1/8 inch on edge width (EW) is permitted only if edge length (EL) does not exceed (L − 1/4 inch). A minus (−) tolerance of 1/8 inch is permitted.

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Figure 3-4
CROSS SECTION OF TYPE G—HID

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3.6 TYPE GR (GRID-REGRESSED)

A Type GR luminaire, as shown in Figure 3-5, is the same as a Type G luminaire except the edges of the luminaire rest on, and are supported by, concealed inverted tees configured in a grid pattern. If T-bar clips are integral with, or are furnished with the luminaire, they shall be field secured to the inverted ceiling tees. All dimensions are in inches and include out-of-square tolerance.

NEMA Standard 1-21-1987.

A separate regressed splay frame may be used to conceal the edges of the tile and supporting member.

Authorized Engineering Information 1-21-1987.

All dimensions are in inches, and include out-of-square tolerance.

In Figure 3-5:

L = Modular length dimension center-to-center of T-bar

W = Modular width dimension center-to-center of T-bar

EL = Luminaire edge length, equal to (L − 1/4 inch)

A plus (+) tolerance of 3/32 inch on edge length (EL) is permitted only if edge width (EW) does not exceed (W − 1/4 inch). A minus (−) tolerance of 1/8 inch is permitted.

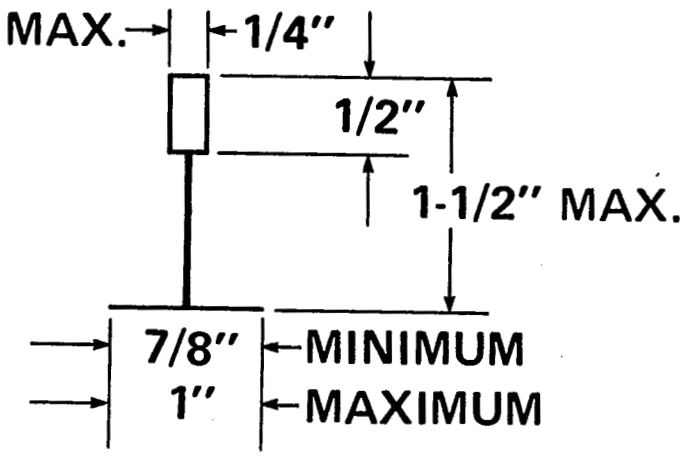
EW = Luminaire edge width, equal to (W − 1/4 inch)

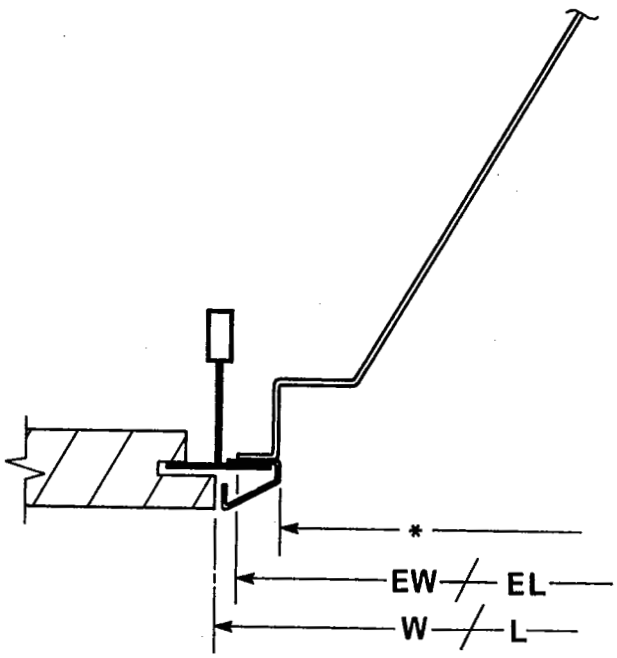
A plus (+) tolerance of 1/8 inch on edge width (EW) is permitted only if edge length (EL) does not exceed (L − 1/4 inch). A minus (−) tolerance of 1/8 inch is permitted.

Opening dimensions of regressed splay, as indicated in Figure 3-5 by an asterisk (*), must be such as to permit full opening of luminaire door.

NEMA Standard 1-21-1987.

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Figure 3-5
CROSS SECTION OF TYPE GR—HID

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3.7 TYPE NFG (NARROW FACED GRID)

A Type NFG luminaire, as shown in Figure 3-6, is similar to a Type G luminaire, having edges which rest on, and are supported by, exposed inverted tees configured in a grid pattern. T-bar clips integral with, or furnished with, the luminaire shall be field secured to the inverted ceiling tees, and the luminaire shall be centered within the opening. All dimensions are in inches, and maximum dimensions include out-of-square tolerance.

In Figure 3-6:

L = Modular length dimension center-to-center of T-bar

W = Modular width dimension center-to-center of T-bar

EL = Luminaire edge length, equal to (L − 1/4 inch)

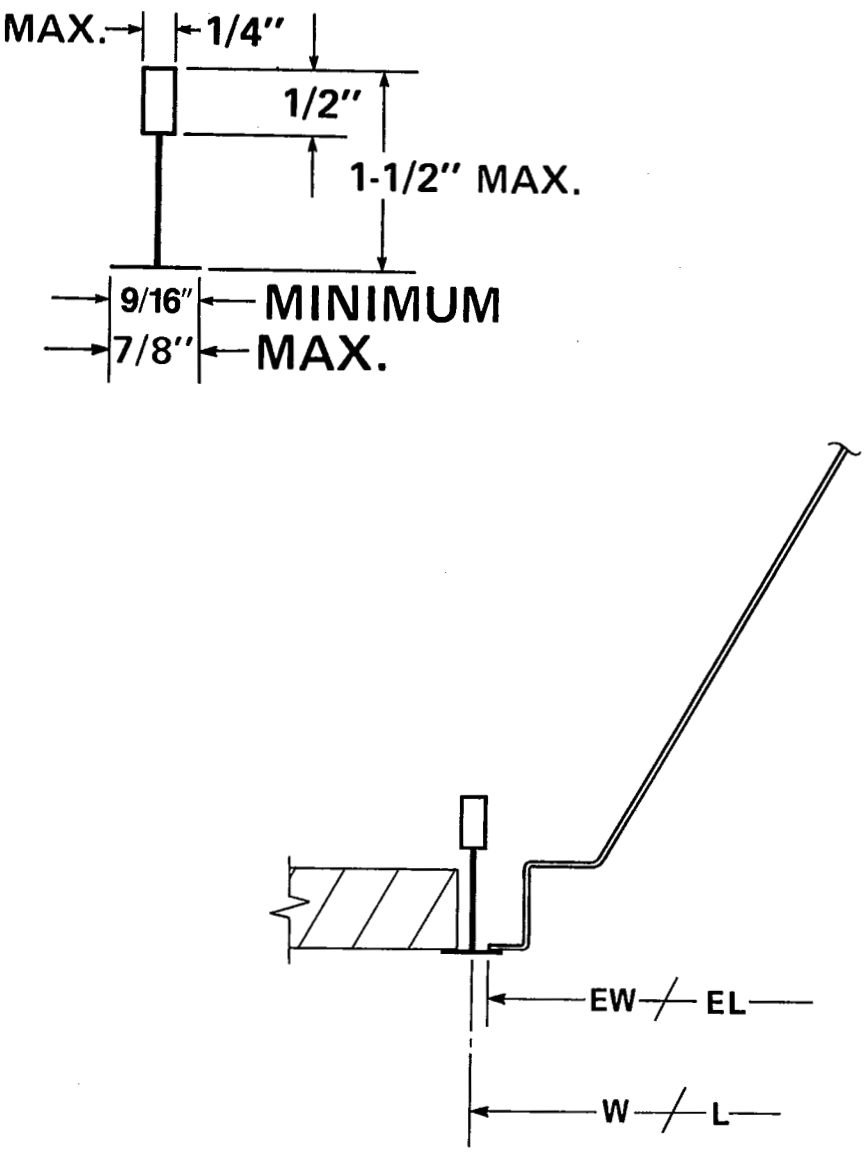
A plus (+) tolerance of 3/32 inch on edge length (EL) is permitted only if edge width (EW) does not exceed (W − 1/4 inch). A minus (−) tolerance of 3/16 inch is permitted.

EW = Luminaire edge width, equal to (W − 1/4 inch)

A plus (+) tolerance of 1/8 inch on edge width (EW) is permitted only if edge length (EL) does not exceed (L − 1/4 inch). A minus (−) tolerance of 3/16 inch is permitted.

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Figure 3-6
CROSS SECTION OF TYPE NFG—HID

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3.8 TYPE NFSG (NARROW FACED SLOT GRID)

A Type NFSG luminaire, as shown in Figure 3-7 is similar to Type G luminaire, having edges which rest on, and are supported by, exposed inverted tees configured in a grid pattern.

NEMA Standard 1-21-1987.

Additional luminaire support may be provided through the use of support clips furnished by the ceiling manufacturer.

Authorized Engineering Information 1-21-1987.

T-bar clips integral with, or furnished with, the luminaire shall be field secured to the inverted ceiling tees, and the luminaire shall be centered within the opening. All dimensions are in inches, and maximum dimensions include out-of-square tolerance.

In Figure 3-7:

L = Modular length dimension center-to-center of T-bar

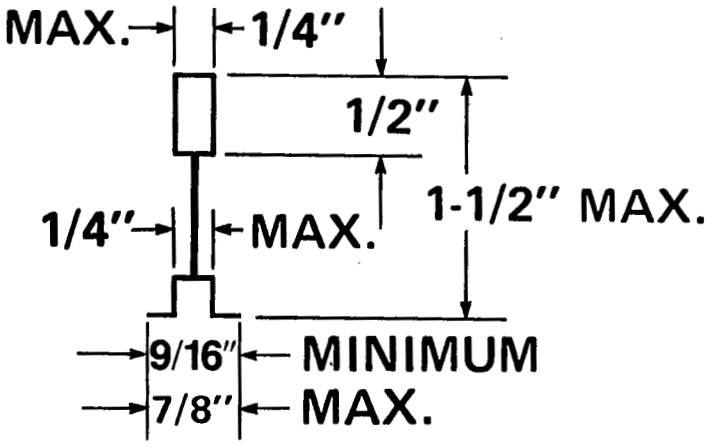
W = Modular width dimension center-to-center of T-bar

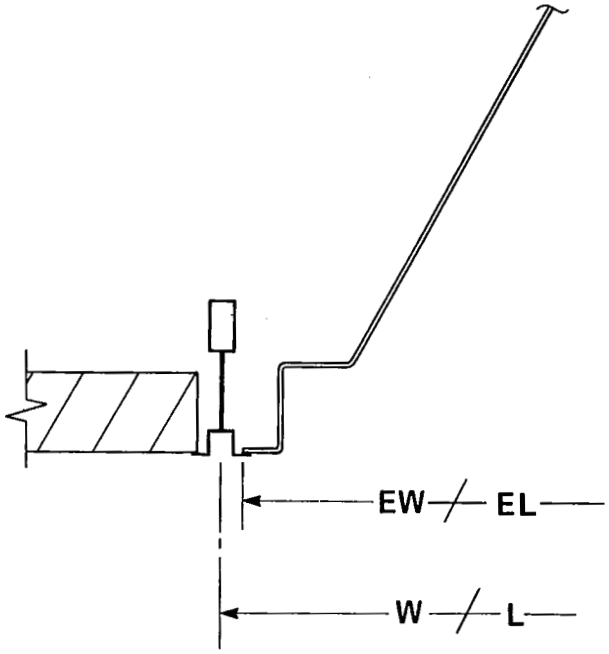
EL = Luminaire edge length, equal to (L − 1/4 inch)
A plus (+) tolerance of 0/0 inch on edge length (EL) is permitted. A minus (−) tolerance of 3/16 inch is permitted.

EW = Luminaire edge width, equal to (W − 1/4 inch)
A plus (+) tolerance of 0/0 inch on edge width (EW) is permitted. A minus (−) tolerance of 3/16 inch is permitted.

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Figure 3-7
CROSS SECTION OF TYPE NFSG—HID

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3.9 TYPE SS (SCREW SLOT)

A Type SS luminaire, as shown in Figures 3-8 and 3-9, is one having edges which rest on, and are supported by, exposed inverted tee's configured in a grid pattern. T-bar clips integral with, or furnished with, the luminaire shall be field secured to the inverted ceiling tees, and the luminaire shall be centered within the opening. All dimensions are in inches, and maximum dimensions include out-of-square tolerance.

In Figures 3-8 and 3-9:

L = Modular length dimension center-to-center of T-bar

W = Modular width dimension center-to-center of T-bar

EL = Luminaire edge length, equal to (L − 1/4 inch)

A plus (+) tolerance of 3/32 inch on edge length (EL) is permitted only if edge width (EW) does not exceed (W − 1/4 inch). A minus (−) tolerance of 3/16 inch is permitted.

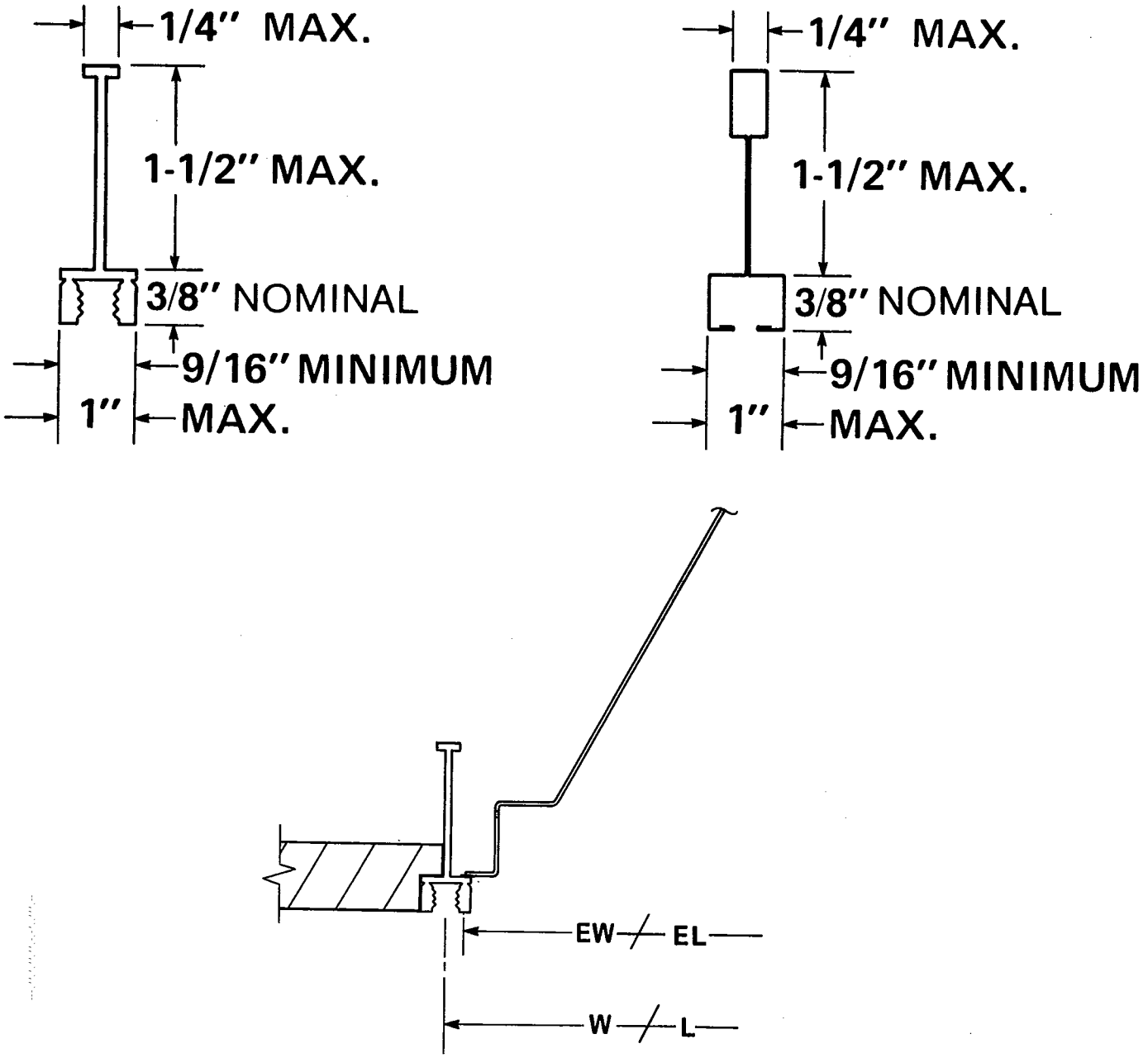
EW = Luminaire edge width, equal to (W − 1/4 inch)

A plus (+) tolerance of 1/8 inch on edge width (EW) is permitted only if edge length (EL) does not exceed (L − 1/4 inch). A minus (−) tolerance of 3/16 inch is permitted.

All dimensions shown in Figure 3-8, apply to Figure 3-9.

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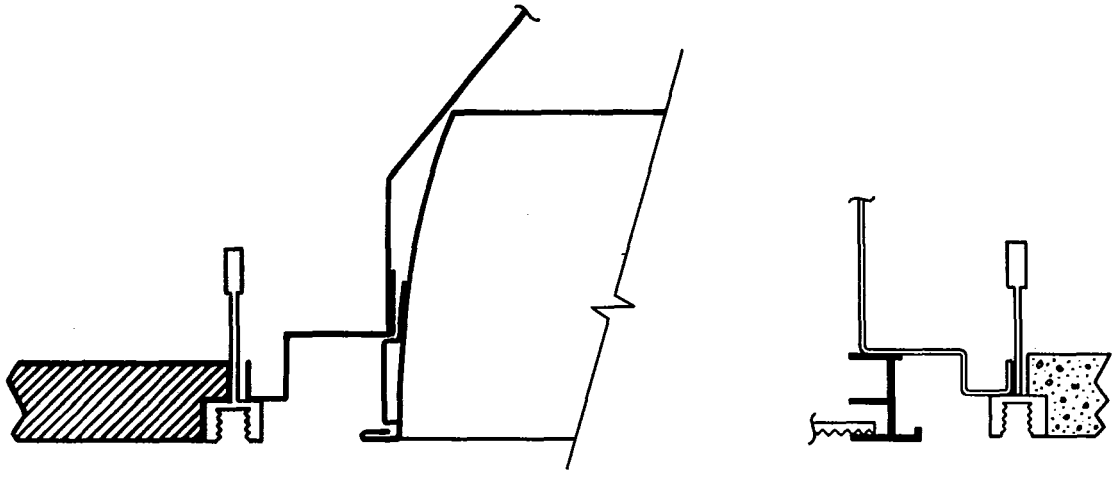
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Figure 3-8
CROSS SECTION OF TYPE SS—HID

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Note: Door extends below luminaire flange so as to be flush with ceiling tile.

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Figure 3-9
TYPE SS

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Section 4

TYPES OF RECESSED INCANDESCENT LUMINAIRES

4.1 GENERAL INFORMATION

All maximum dimensions shown for ceiling grid systems in Section 4 are stipulated for purposes of defining which systems NEMA-type recessed luminaires will fit into. Except where maximum or minimum dimensions are shown, all dimensions are nominal.

NEMA Standard 1-21-1987.

The manufacturing methods and processes required to produce recessed luminaires are such that they preclude precise dimensional tolerances. A slight bow or variation in overall dimensions is to be expected.

Authorized Engineering Information 1-21-1987.

4.2 TYPE G (GRID)

A Type G luminaire, as shown in Figure 4-1, is one having edges which rest on, and are supported by, exposed inverted tees configured in a grid pattern. If T-bar clips are integral with, or are furnished with the luminaire, they shall be field secured to the inverted ceiling tees. All dimensions are in inches and include out-of-square tolerance.

In Figure 4-1:

W = Modular width dimension center-to-center of T-bar

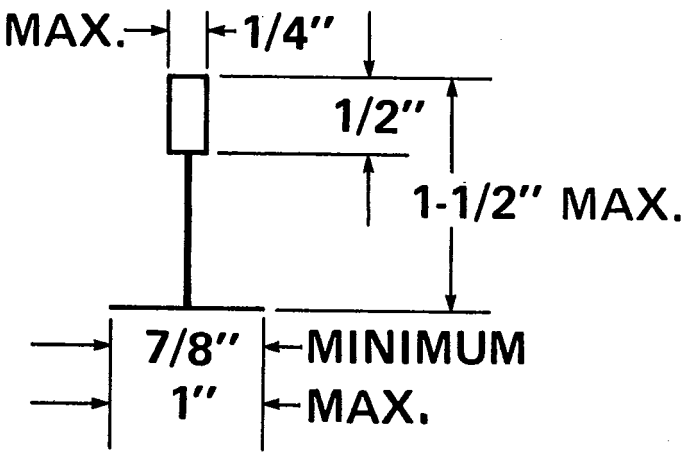
L = Modular width dimension center-to-center of T-bar

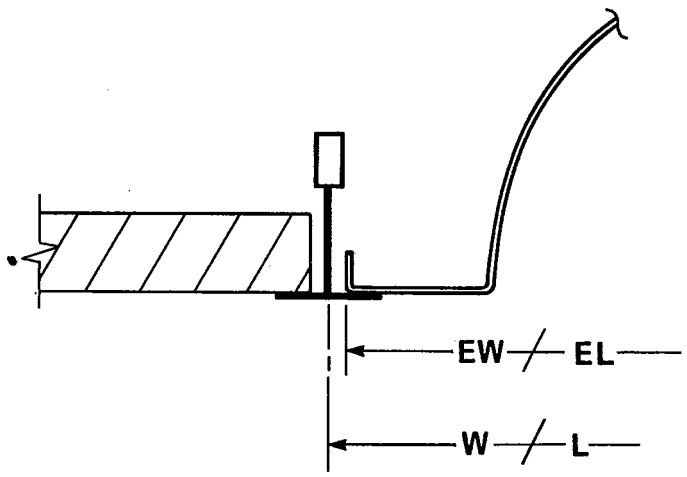
EL = Luminaire edge length, equal to (L − 1/4 inch)
A plus (+) tolerance of 3/32 inch on edge length (EL) is permitted only if edge width (EW) does not exceed (W − 1/4 inch). A minus (−) tolerance of 1/8 inch is permitted.

EW = Luminaire edge width, equal to (W − 1/4 inch)
A plus (+) tolerance of 1/8 inch on edge width (EW) is permitted only if edge length (EL) does not exceed (L − 1/4 inch). A minus (−) tolerance of 1/8 inch is permitted.

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Figure 4-1
CROSS SECTION OF TYPE G—INCANDESCENT

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NEMA STANDARDIZATION

The purpose of NEMA Standards, their classification and status, are set forth in certain clauses of the NEMA *Standardization Policies and Procedures* manual and are referenced below.

Purpose of Standards

National Electrical Manufacturers Association Standards are adopted in the public interest and are designed to eliminate misunderstandings between the manufacturer and the purchaser and to assist the purchaser in selecting and obtaining the proper product for its particular need. Existence of a National Electrical Manufacturers Association Standard does not in any respect preclude any member or nonmember from manufacturing or selling products not conforming to the standard. *(Standardization Policies and Procedures, p. 1)*

Definition of a Standard

A standard of the National Electrical Manufacturers Association defines a product, process, or procedure with reference to one or more of the following: nomenclature, composition, construction, dimensions, tolerances, safety, operating characteristics, performance, rating, testing, and the service for which they are designed.

(Standardization Policies and Procedures, p. 2)

Dimensions

Where dimensions are given for interchangeability purposes, alternate dimensions satisfying the other provisions of the standards publication may be capable of otherwise equivalent performance.

(Standardization Policies and Procedures, p. 9)

Classes of Standards

National Electrical Manufacturers Association Standards are of two classes:

1. NEMA Standard, which relates to a product commercially standardized and subject to repetitive manufacture, which standard has been approved by at least 90 percent of the members of the Subdivision eligible to vote thereon;
2. Suggested Standard for Future Design, which may not have been regularly applied to a commercial product, but which suggests a sound engineering approach to future development, which standard has been approved by at least two-thirds of the members of the Subdivision eligible to vote thereon.

(Standardization Policies and Procedures, pp. 8 & 17)

Authorized Engineering Information

Authorized Engineering Information consists of explanatory data and other engineering information of an informative character not falling within the classification of NEMA Standard or Suggested Standard for Future Design, which standard has been approved by at least two-thirds of the members of the Subdivision eligible to vote on the standard.

(Standardization Policies and Procedures, pp. 8 & 17)

Official Standards Proposal

An Official Standards Proposal is an official draft of a proposed standard which is formally recommended to an outside organization(s) for consideration, comment, and/or approval, and which has been approved by at least 90 percent of the members of the Subdivision eligible to vote thereon.

(Standardization Policies and Procedures, pp. 8 & 17)

Identification of Status

Standards in NEMA Standards Publications are identified in the foreword or following each standard as "NEMA Standard" or "Suggested Standard for Future Design." These indicate the status of the standard. These words are followed by a date which indicates when the standard was adopted in its present form by the Association.

The material identified as "Authorized Engineering Information" and "Official Standards Proposal" is designated similarly.

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