

FAB ALUMINUM - Face Lit

PRODUCT STANDARDS

LAY-PS-8
revised 1/7/2025
by Jenna Weiers

Removable Face (Shoebox)

Letters					Bottom Stud		Bars	
Depth	Min Size	Max Size	Min Stroke & Serif	Max Stroke	Min Punctuation	Max Size	Max One Piece	Max Area sq. in.
2" No LED	12"	48"	2"	12"	2.75"	30"	48"	2,304
3" *	12"	60"	2"	12"	2.75"	48"	48"	3,600
3.5" *	12"	60"	2"	12"	2.75"	48"	60"	3,600
4"	12"	60"	2"	12"	2.75"	48"	60"	3,600
5"	12"	60"	2"	12"	2.75"	48"	60"	3,600
6"	12"	60"	3"	12"	2.75"	48"	60"	3,600

*16" high & up recommended 4" depth

Removable Can

Letters					Bottom Stud		Bars	
Depth	Min Size	Max Size	Min Stroke & Serif	Max Stroke	Min Punctuation	Max Size	Max One Piece	Max Area sq. in.
2" No LED	12"	48"	2"	12"	2.75"	30"	48"	2,304
3" *	12"	48"	2"	12"	2.75"	48"	48"	2,304
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4"	12"	48"	2"	12"	2.75"	48"	60"	2,304
5"	12"	48"	2"	12"	2.75"	48"	60"	2,304
6"	12"	48"	3"	12"	2.75"	48"	60"	2,304

*16" high & up recommended 4" depth

Sheet Info

Horizontal Brushed

42"h x 72"w or 119"h x 36"w
+100" will not have clear coat

Vertical Brushed

72"h x 42"w or 36"h x 119"w
+100" will not have clear coat

Painted

59"h x 100"w

Prep for paint

59" x 119"

Returns (Alum)

Grain runs front to back
(Short Direction)

Face Material

* 0.5" minimum stroke
required for assembly

Material Gauge

Face	.09"
Returns	.063"

Miscellaneous

No Custom Stud Placements

Logos exceeding max letter size
will require added stiffeners

Panels over max letter size
will warp

Removable Can or Face
required on 40"+

Face Outline

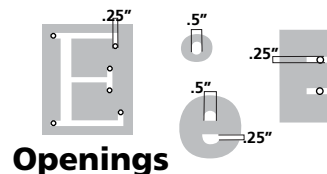
Up to 48" H .75"

49" H and above 1"

In all the cases when the
stroke is 10" and above the
outline needs to be 1"

Rails - Painted or Raw

	Size H x W	Length
C-Chan	1" x 2"	96"
C-Chan	.5" x 1.5"	96"
C-Chan	1" x 3"	96"
C-Chan	.5" x 1"	96"
C-Chan	1" x 1.5"	96"
Angle	1" x 2"	96"



Openings

Straight Return .25"

Curved Return .5"

This is a general rule and
depends largely on the
shape of the opening.

Recessed Insert

	Outside Depth	Inside Depth	Stroke
Min	3"	0.5"	1.75"
Max	4"	1"	1.75"

Acrylic Insert

Inline .25"

Fillet Inside & Outside .025"

Thickness .187"

INTRANET LINKS

[Fabricated Aluminum](#)

[UL & LED Info](#)

LED

Wire hole .375"

Standard LED .5" x 1.8"

RGB LED .625" x 2.75"

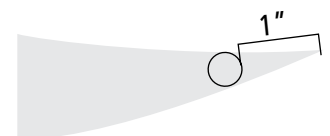
Cable 10' Long Standard

RGB LEDs (Face Lit)

Min Stroke	Min Size	Min Return	Min punctuation
3"	16"	3"	3"

Swoosh

Pointed Tip



.6" stroke needed 1" in from tip
-return will have a slight inset-

-OR-

Round Tip



Outside Corners .3" Fillet

No more than 3/4" overhang on
inset swoosh