### FocalPoint™ Instructions and Assembly Guides

Clicking on size or page number below will take you to that particular assembly guide.

3 NTSC Format	•				
Image Area	Image Area	Overall Size	Overall Size		
(Inches)	(cm)	(Inches)	(cm)	Diagonal	
60" X 80"	152 X 203	68" X 92"	173 x 234	100"	
72" x 96"	183 x 244	80" x 104"	203 x 264	150"	
90" x 120"	229 x 305	98" x 128"	249 x 325	150"	
108" x 144"	274 x 366	116" x 152"	295 x 386	180"	
126" x 168"	320 x 427	134" x 176"	340 x 447	210"	
144" x 192"	366 x 488	152" x 200"	386 x 508	240"	
162" x 216"	411 x 549	170" x 224"	432 x 569	270"	
180" x 240"	457 x 610	188" x 248"	478 x 630	300"	
:9 HDTV Forma	at				
45" x 80"	114 x 203	56" x 92"	142 x 234	92"	
54" x 96"	137 x 244	62" x 104"	157 x 264	110"	
67½" x 120"	171 x 305	80" x 128"	203 x 325	138"	
81" x 144"	206 x 366	92" x 152"	234 x 386	165"	
94½" x 168"	240 x 427	104" x 176"	264 x 447	193"	
108" x 192"	274 x 488	116" x 200"	295 x 508	220"	
121½" x 216"	309 x 549	134" x 224"	340 x 569	248"	
135" x 240"	343 x 610	146" x 248"	371 x 630	275"	
:10 Format					
50" x 80"	127 x 203	62" x 92"	157 x 234	94"	
60" x 96"	152 x 244	68" x 104"	173 x 264	113"	
75" x 120"	191 x 305	86" x 128	218 x 325	142"	
90" x 144"	229 x 366	98" x 152"	249 x 386	170"	
105" x 168"	267 x 427	116" x 178"	295 x 447	198"	
120" x 192"	305 x 488	128" x 200"	325 x 508	226"	
135" x 216"	343 x 549	146" x 224"	371 x 569	255"	
150" x 240"	381 x 610	158" x 248"	401 x 630	283"	



#### **Assembly Instructions**

### FocalPoint™ Projection Screen by Draper

#### Patent Pending

#### ⚠ Caution

- Read instructions through completely before proceeding; retain for future reference.
- ① Handle viewing surface with care; do not allow it to come in contact with sharp or dirty objects.
- These instructions are based on assembly by a minimum of two people.
- 4 Make sure screen is level.
- ⑤ Do not write on viewing surface.
- © The ideal temperature range for assembling folding screens to prevent damaging the surface is 68°-78° F (20°-26° C). Assembling below recommended temperatures may damage surface and void warranty.
- ① Do not permit screen fabric to contact border material or loops when folded. Store in pouch provided.

#### Frame/Screen Assembly

- ① Remove tarp from case and place on the ground.
- Remove frame pieces from case and place in the appropriate locations on the tarp.

Please Note: For screens with Viewing areas of 18' or larger Draper ships a special corner labeled "Large Screen corner". If you did not order a complete screen do not use the standard "corner" for the large screens. Contact Draper if needed.

Please Note: Each piece is color-coded: refer to FocalPoint™ Assembly Map included with screen for correct layout (see reverse side).

Please Note: Frame pieces should be placed with "forks" running counter-clockwise and DuraLoop Attachment Lugs facing out.



Figure 1

③ Assemble frame by inserting "forks" of each piece into extrusions on the adjoining piece (see Fig. 1). Tighten by turning color-coded attachment knobs (see Fig. 2).



Figure 2

- ④ Remove leg pieces from case and place in the appropriate locations on the tarp.
- S Assemble leg according to color-coded assembly map by inserting "forks" of front extension into extrusion on the leg base and tighten color-coded attachment knobs. Also, attach vertical frame members in the same manner. Do not yet attach the back extension to the leg base (see Fig. 3).
- © Place the screen frame on top of the legs (see Fig. 4).

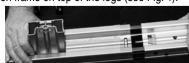


Figure 3





Figure 4







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- ① Attach legs to frame (see Fig. 4) using provided Leg Cranks as follows: Package A-3 cranks per leg; Package B-4 cranks per leg; and Package C-5 cranks per leg. Leg Cranks should be placed as follows: 1 at the lowest attachment point, 1 at the highest attachment point, and the rest evenly spaced between the two.
- Attach viewing surface to frame (see Fig. 5).





Figure 5

Raise FocalPoint into place (this step requires at least two people, depending on screen size) (see Fig. 6).



Figure 6

Attach the back extensions to the leg bases (see Fig. 7).



Figure 7

If provided, attach Anti-Sway Stabilizers to the frame and legs. First, unhook the viewing surface from the bottom of the frame near the attachment points. Attach ends with threaded hole through the square extrusion to the fifth visible hole in from each end of the screen. Attach end with metal extension to the closest leg extrusion hole (see Fig. 8).





Figure 8

Please Note: You may need to use the built-in adjustment knob to shorten or lengthen the Anti-Sway Stabilizer so it will reach holes (see Fig. 9).



Figure 9

If provided, attach HD Leg Braces to frame and legs. Attach ends with threaded hole through the square extrusion to the frame. Attach end with metal extension to the back foot extrusion (see Fig. 10).



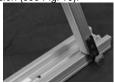
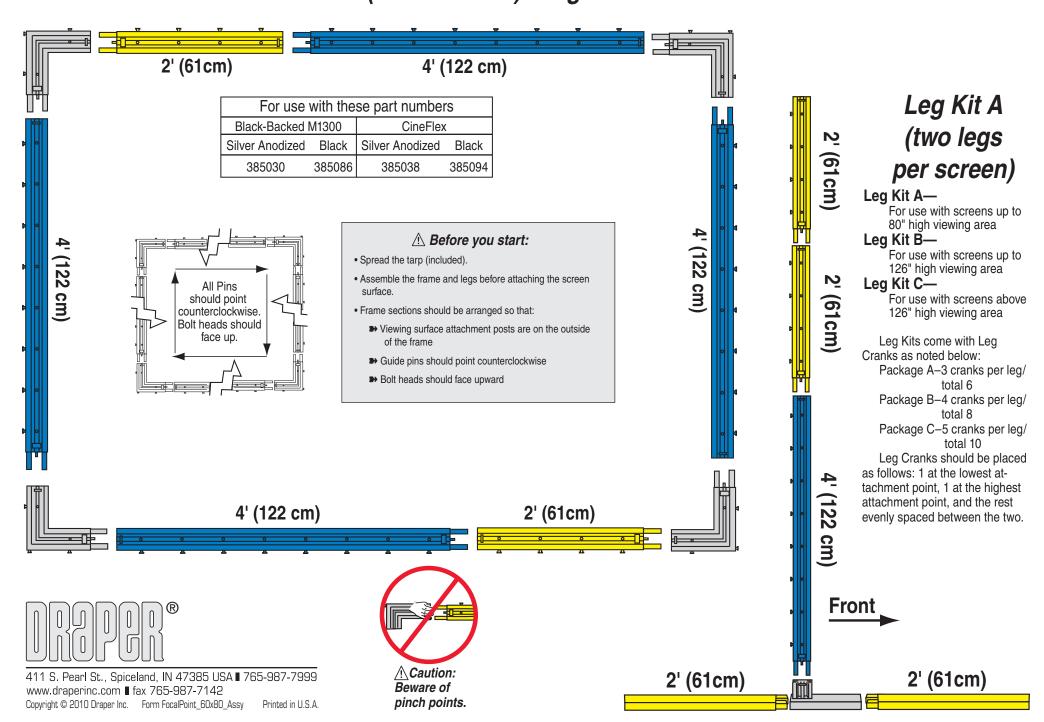


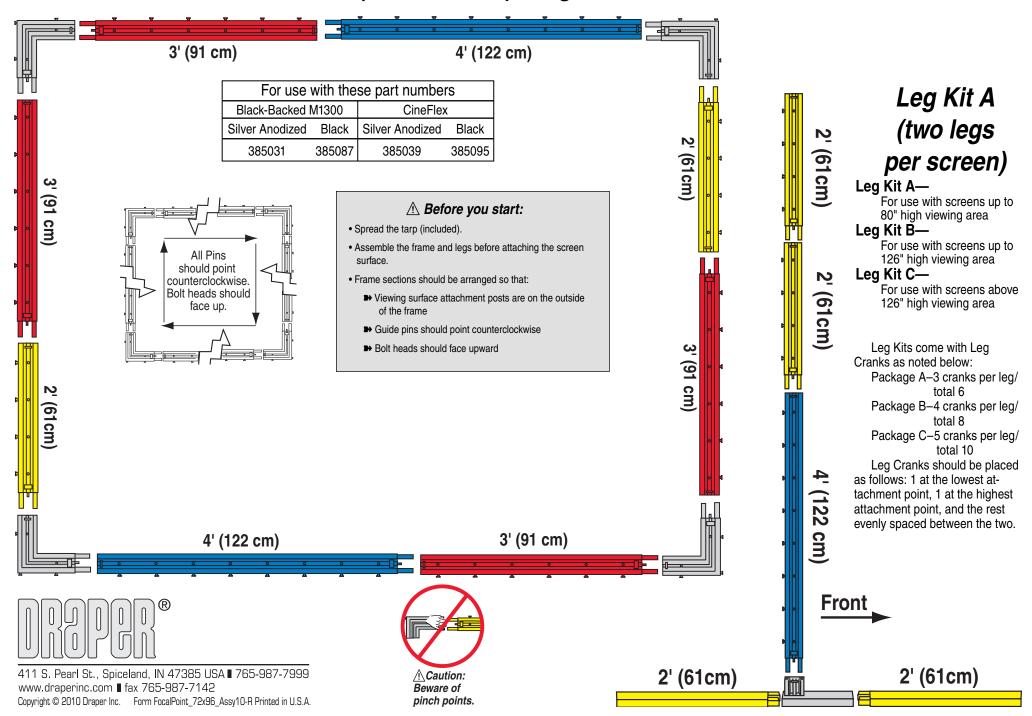
Figure 10

⚠ Warning: This product is intended for indoor use only. Failure to follow warning may result in product damage or personal injury due to unforeseen acts of nature.

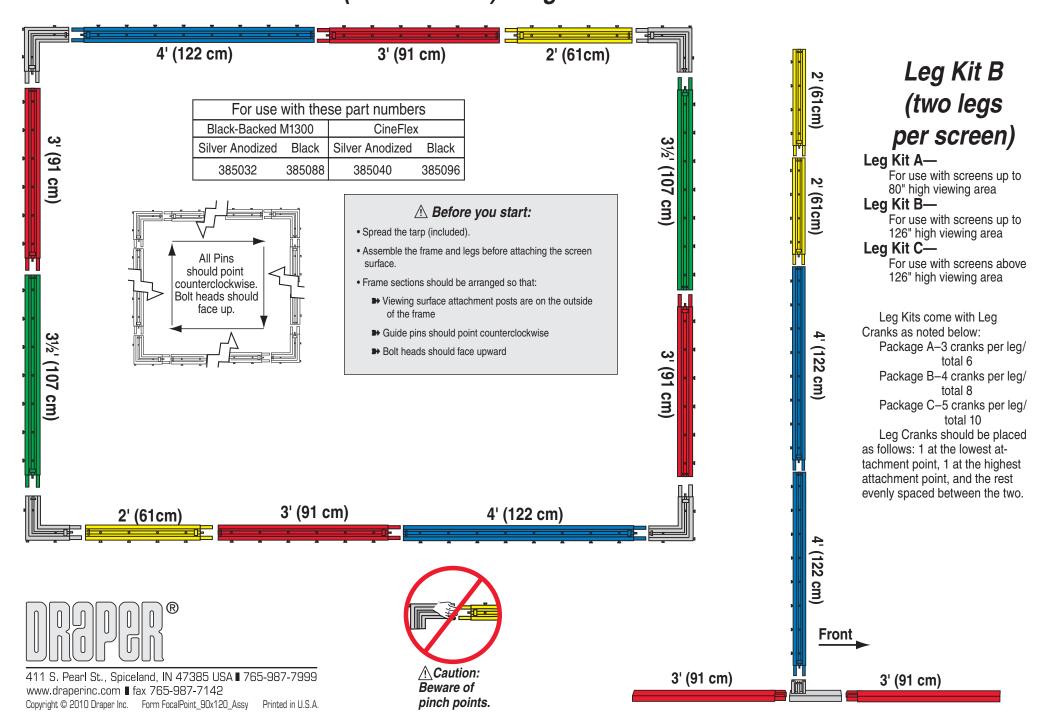
### FocalPoint™ Projection Screen by Draper—Assembly Map 60" x 80" (152 x 203 cm) Image Area—4:3 Format



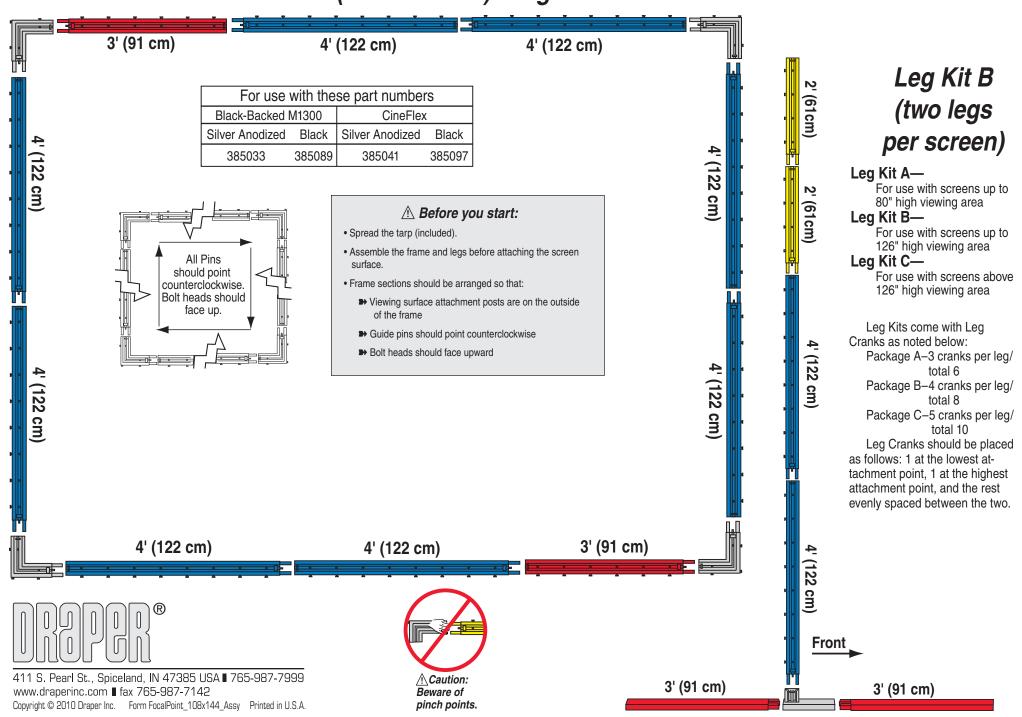
## FocalPoint™ Projection Screen by Draper—Assembly Map 72" x 96" (183 x 244 cm) Image Area—4:3 Format



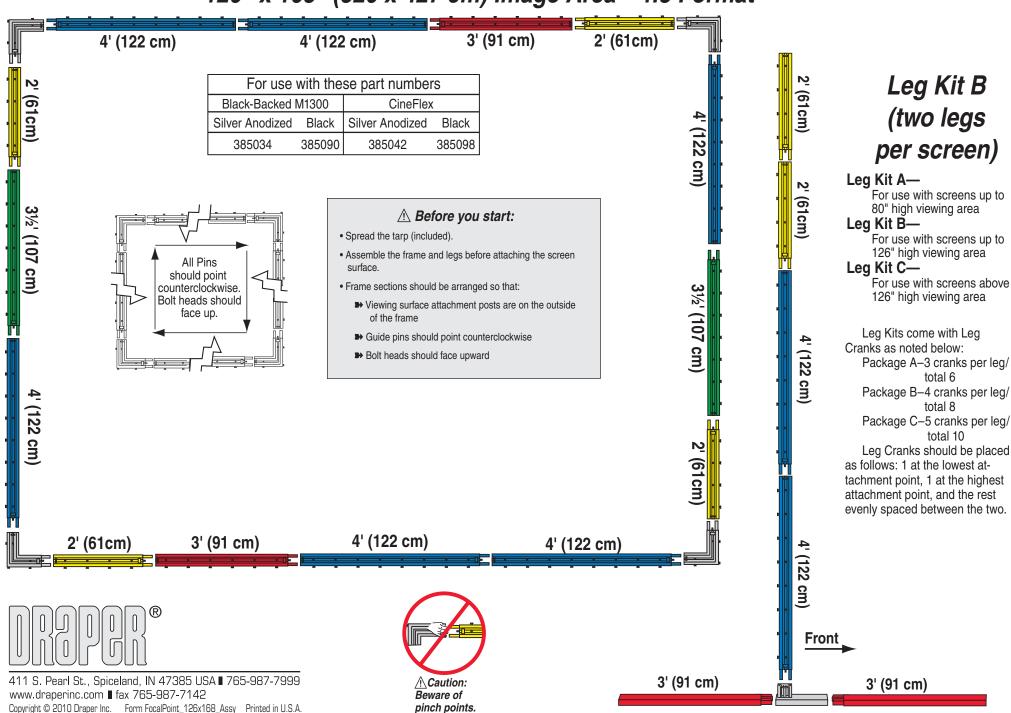
### FocalPoint™ Projection Screen by Draper—Assembly Map 90" x 120" (229 x 305 cm) Image Area—4:3 Format



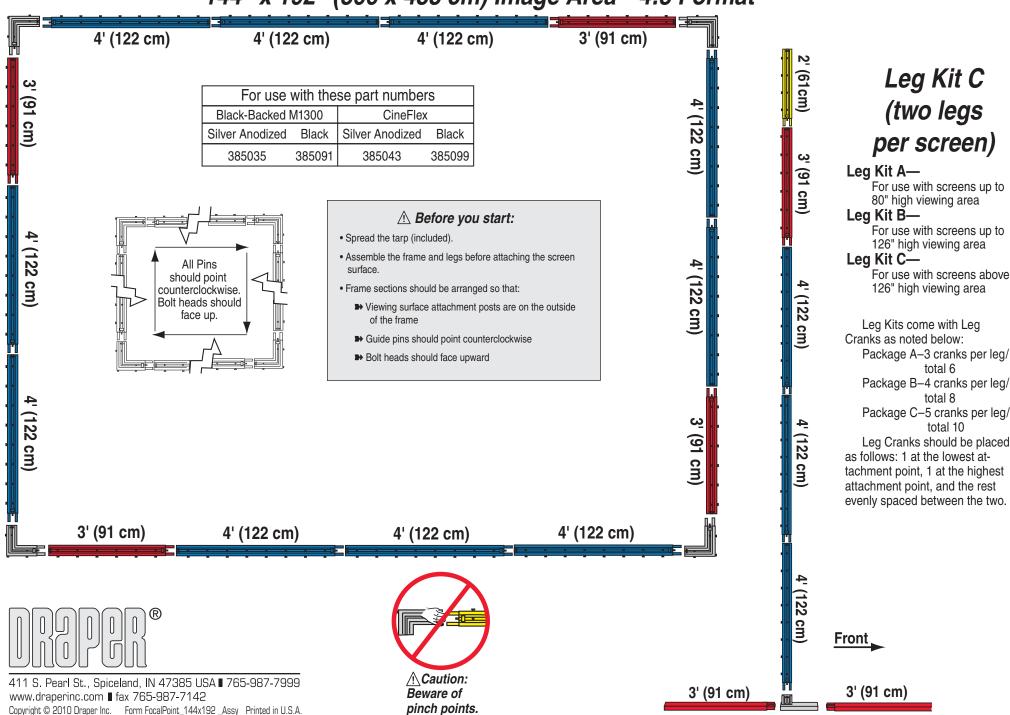
## FocalPoint™ Projection Screen by Draper—Assembly Map 108" x 144" (274 x 366 cm) Image Area—4:3 Format



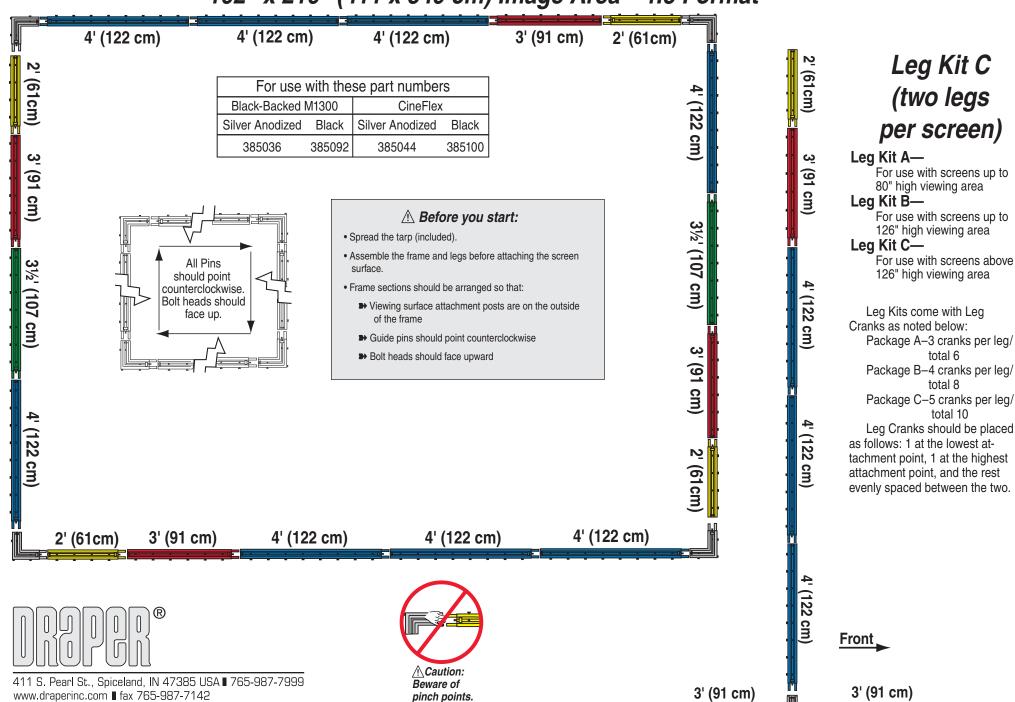
### FocalPoint™ Projection Screen by Draper—Assembly Map 126" x 168" (320 x 427 cm) Image Area—4:3 Format



### FocalPoint™ Projection Screen by Draper—Assembly Map 144" x 192" (366 x 488 cm) Image Area—4:3 Format



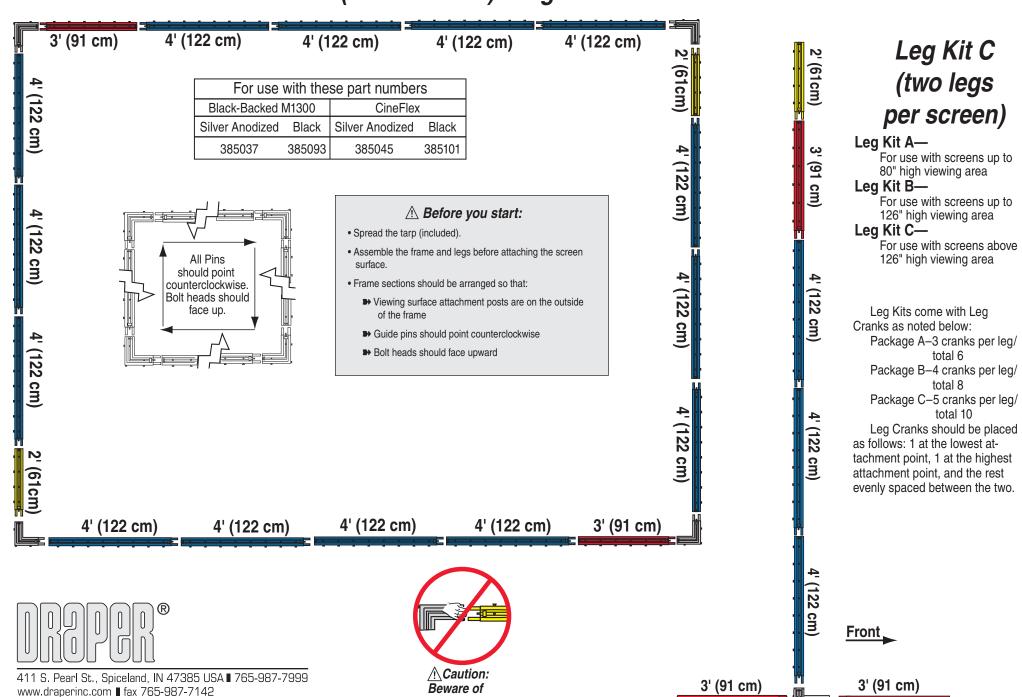
### FocalPoint™ Projection Screen by Draper—Assembly Map 162" x 216" (411 x 549 cm) Image Area—4:3 Format



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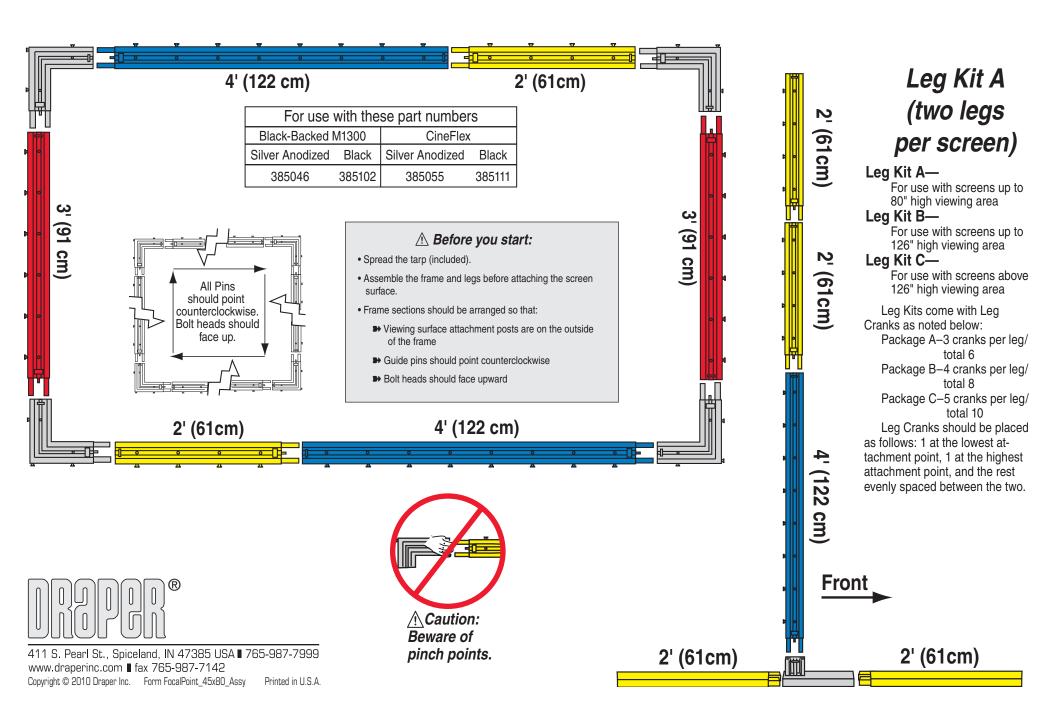
### FocalPoint™ Projection Screen by Draper—Assembly Map 180" x 240" (457 x 610 cm) Image Area—4:3 Format



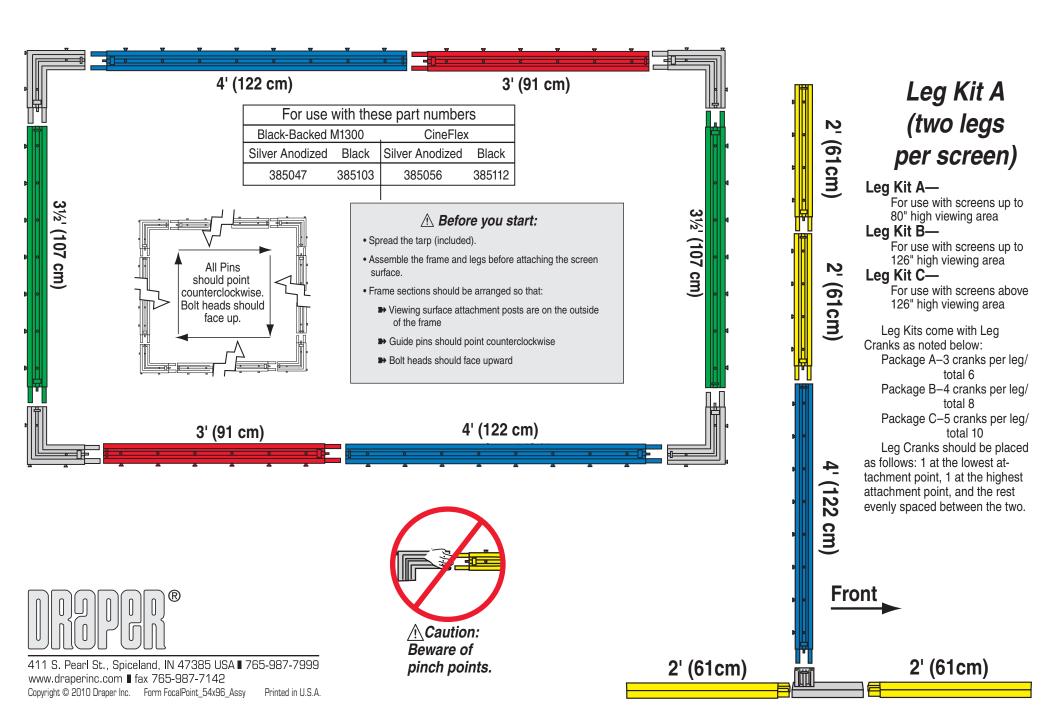
pinch points.

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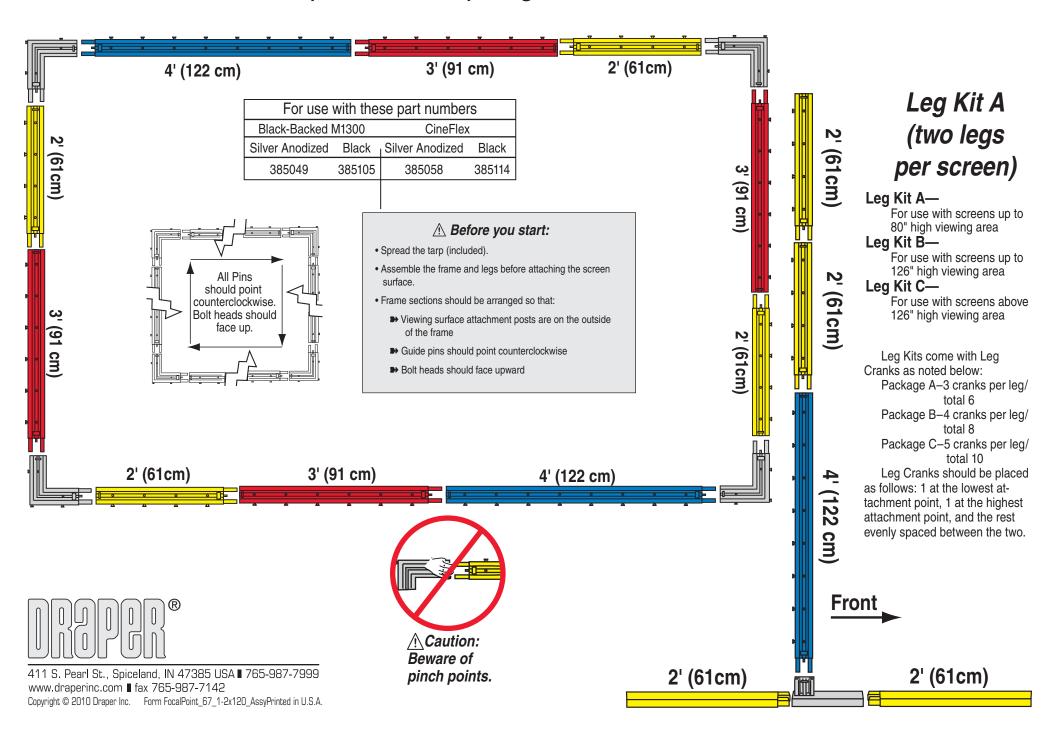
## FocalPoint™ Projection Screen by Draper—Assembly Map 45" x 80" (114 x 203 cm) Image Area—16:9 HDTV Format



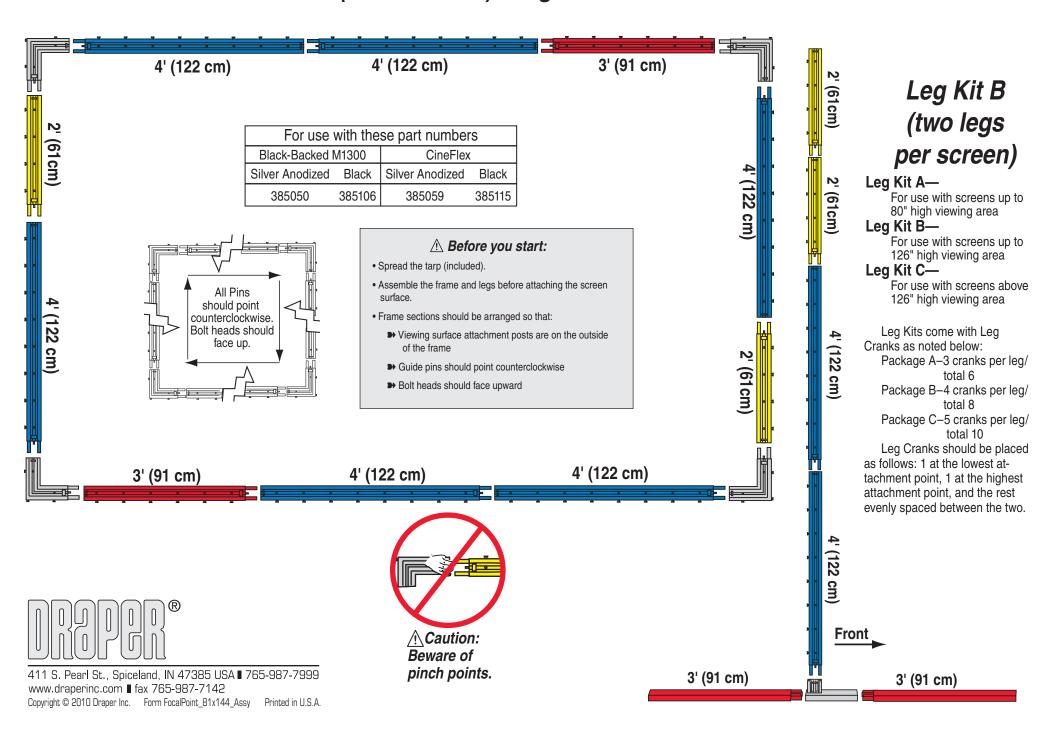
## FocalPoint™ Projection Screen by Draper—Assembly Map 54" x 96" (137 x 244 cm) Image Area—16:9 HDTV Format



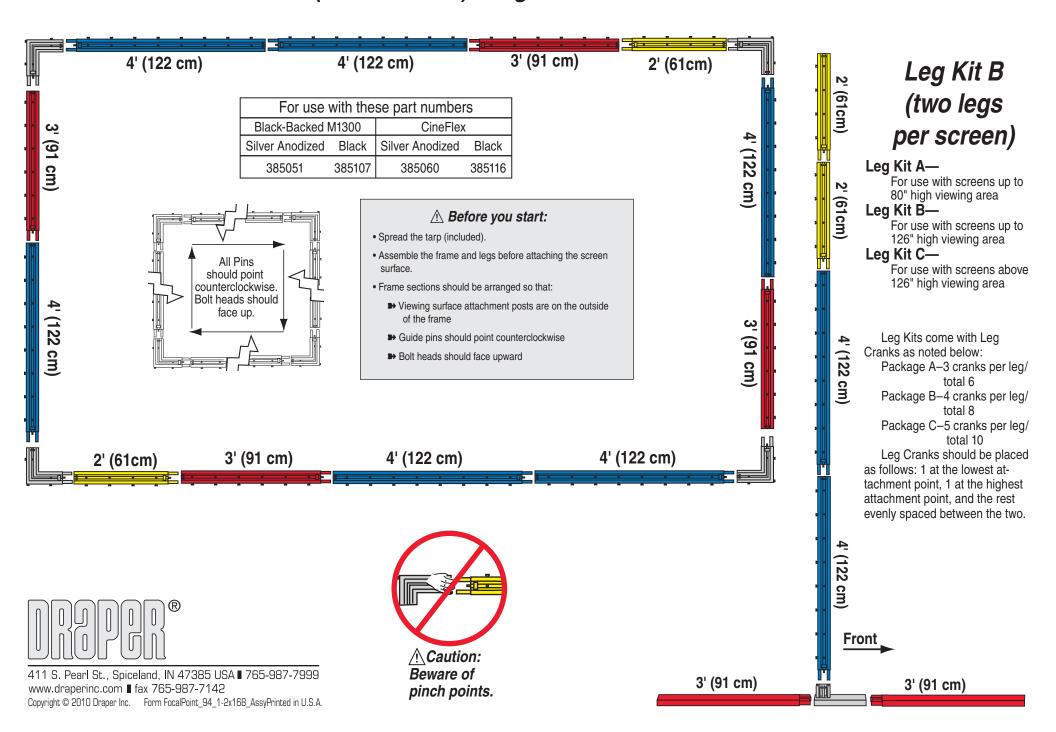
## FocalPoint™ Projection Screen by Draper—Assembly Map 67½" x 120" (1471 x 305 cm) Image Area—16:9 HDTV Format



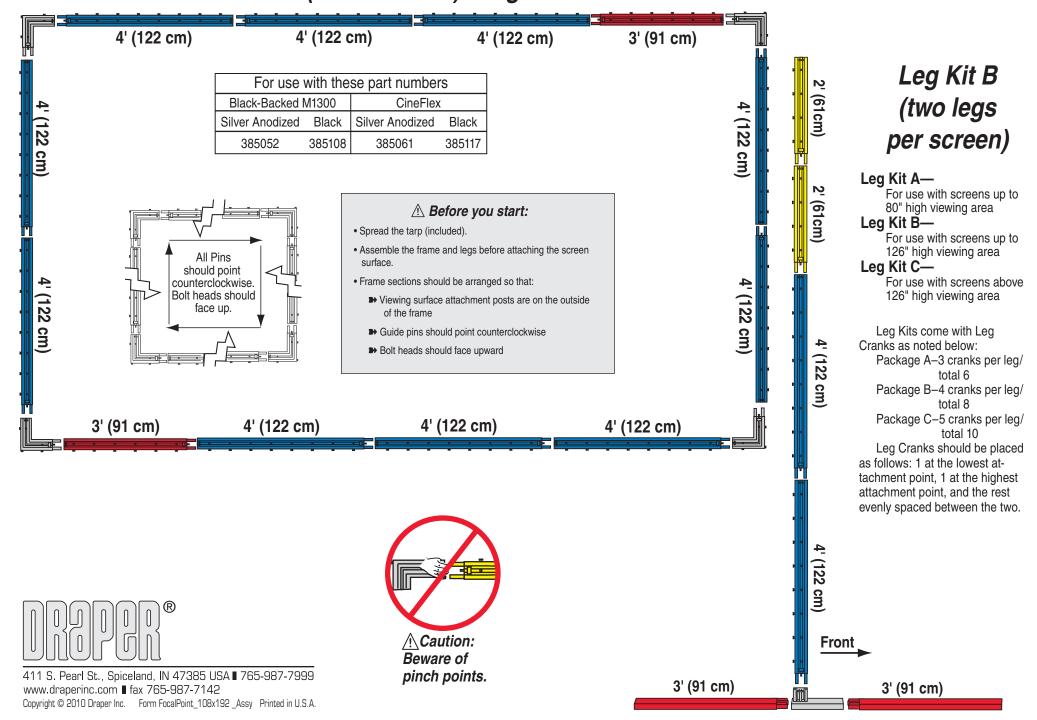
## FocalPoint™ Projection Screen by Draper—Assembly Map 81" x 144" (206 x 366 cm) Image Area—16:9 Format



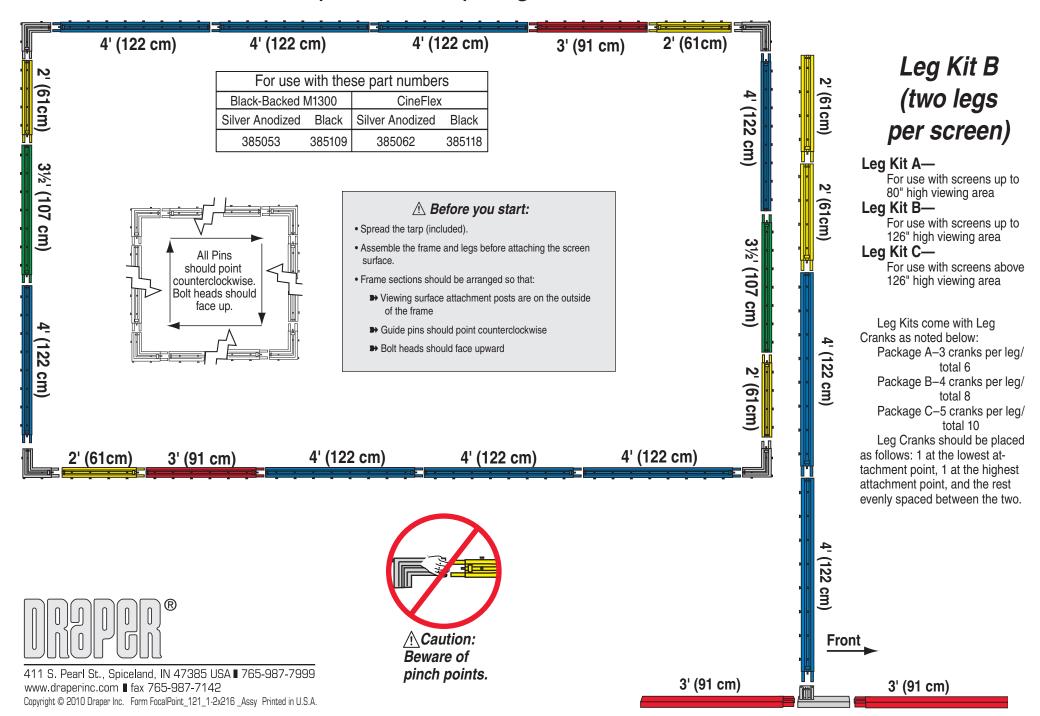
### FocalPoint™ Projection Screen by Draper—Assembly Map 94½" x 168" (239 x 427 cm) Image Area—16:9 HDTV Format



### FocalPoint™ Projection Screen by Draper—Assembly Map 108" x 192" (274 x 488 cm) Image Area—16:9 HDTV Format

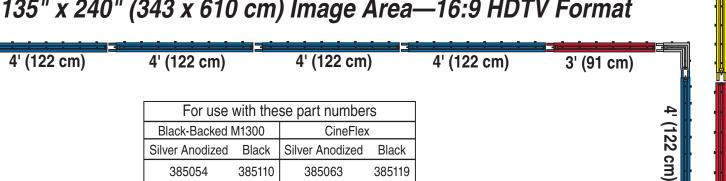


## FocalPoint™ Projection Screen by Draper—Assembly Map 121½" x 216" (309 x 549 cm) Image Area—16:9 HDTV Format

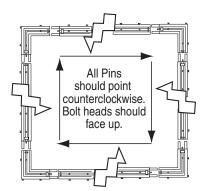


### FocalPoint™ Projection Screen by Draper—Assembly Map

135" x 240" (343 x 610 cm) Image Area—16:9 HDTV Format



CineFlex Black-Backed M1300 Silver Anodized Silver Anodized Black Black 385054 385110 385063 385119



4' (122 cm)

#### **⚠** Before you start:

- · Spread the tarp (included).
- Assemble the frame and legs before attaching the screen surface.
- Frame sections should be arranged so that:
  - >> Viewing surface attachment posts are on the outside of the frame
  - ➡ Guide pins should point counterclockwise
  - ⇒ Bolt heads should face upward

Leg Kit C (two legs per screen)

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#### Leg Kit A—

(61cm)

' (91 cm)

4' (122 cm)

(122 cm)

4' (122 cm)

3½<u>'</u>

(107 cm)

3' (91 cm)

For use with screens up to 80" high viewing area

#### Leg Kit B—

For use with screens up to 126" high viewing area

#### Leg Kit C—

For use with screens above 126" high viewing area

Leg Kits come with Leg Cranks as noted below:

Package A-3 cranks per leg/ total 6

Package B-4 cranks per leg/ total 8

Package C-5 cranks per leg/ total 10

Leg Cranks should be placed as follows: 1 at the lowest attachment point, 1 at the highest attachment point, and the rest evenly spaced between the two.

4' (122 cm) 4' (122 cm) 4' (122 cm)



3' (91 cm)

3' (91 cm)

3½' (107 cm

4' (122 cm)

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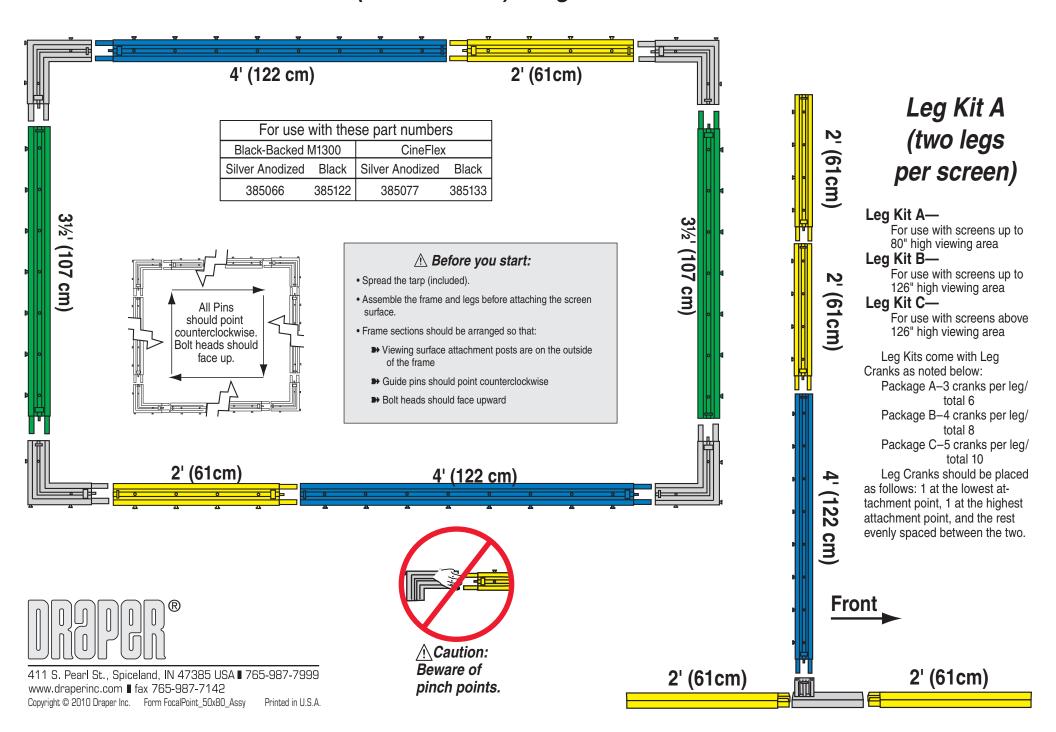
⚠ Caution: Beware of pinch points.

3' (91 cm)

Front

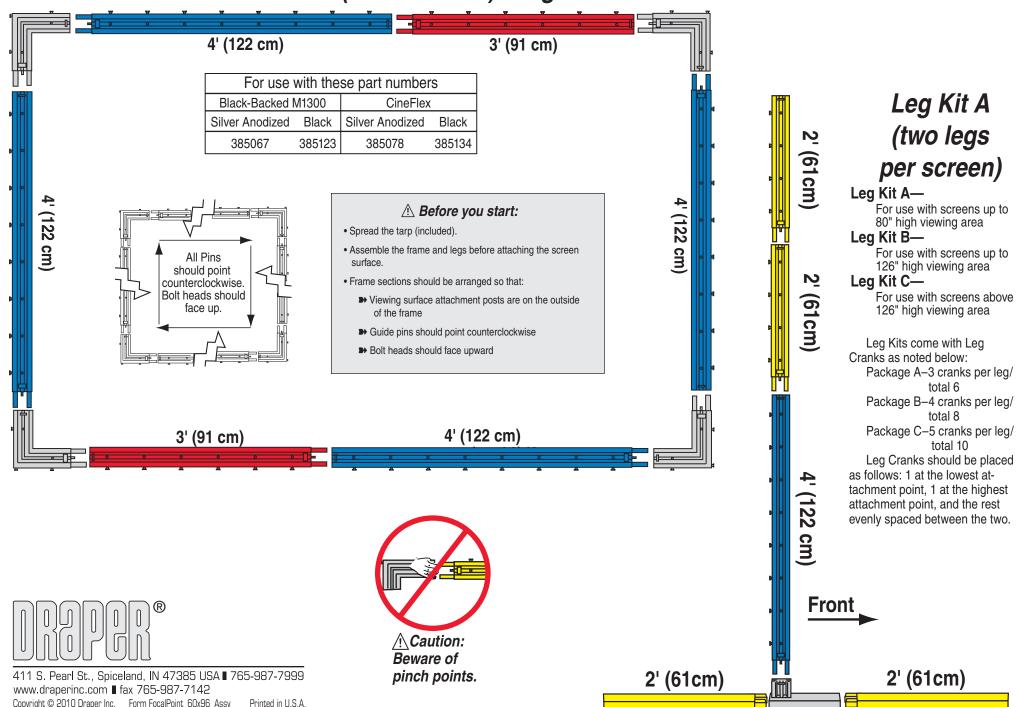
3' (91 cm)

### FocalPoint™ Projection Screen by Draper—Assembly Map 50" x 80" (127 x 203 cm) Image Area—16:10 Format

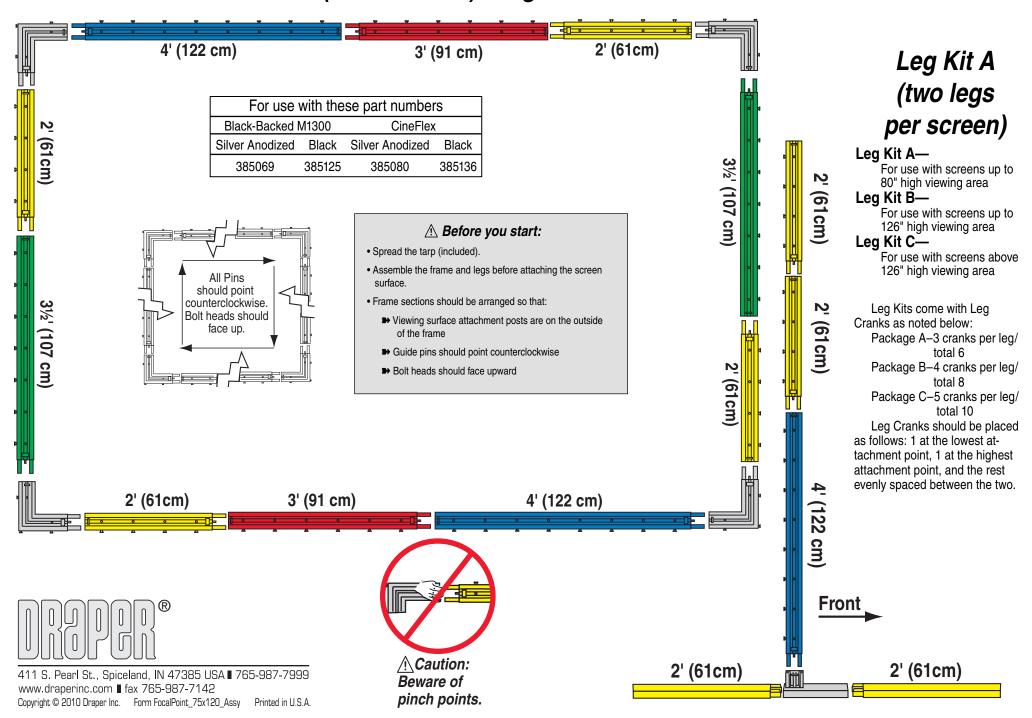


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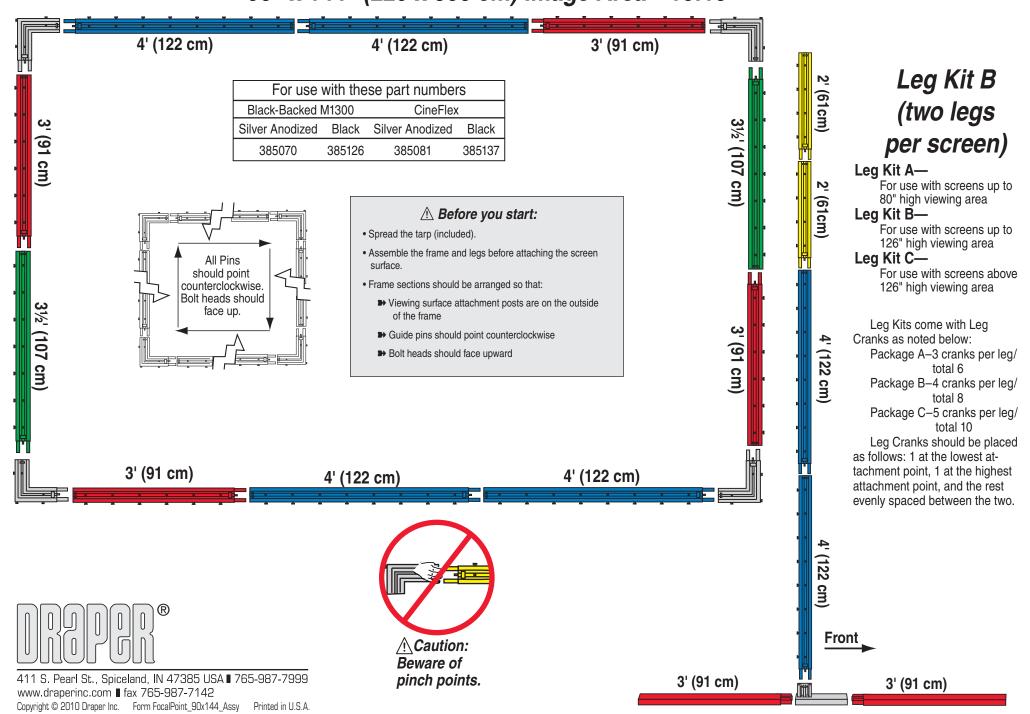
### FocalPoint™ Projection Screen by Draper—Assembly Map 60" x 96" (152 x 244 cm) Image Area—16:10 Format



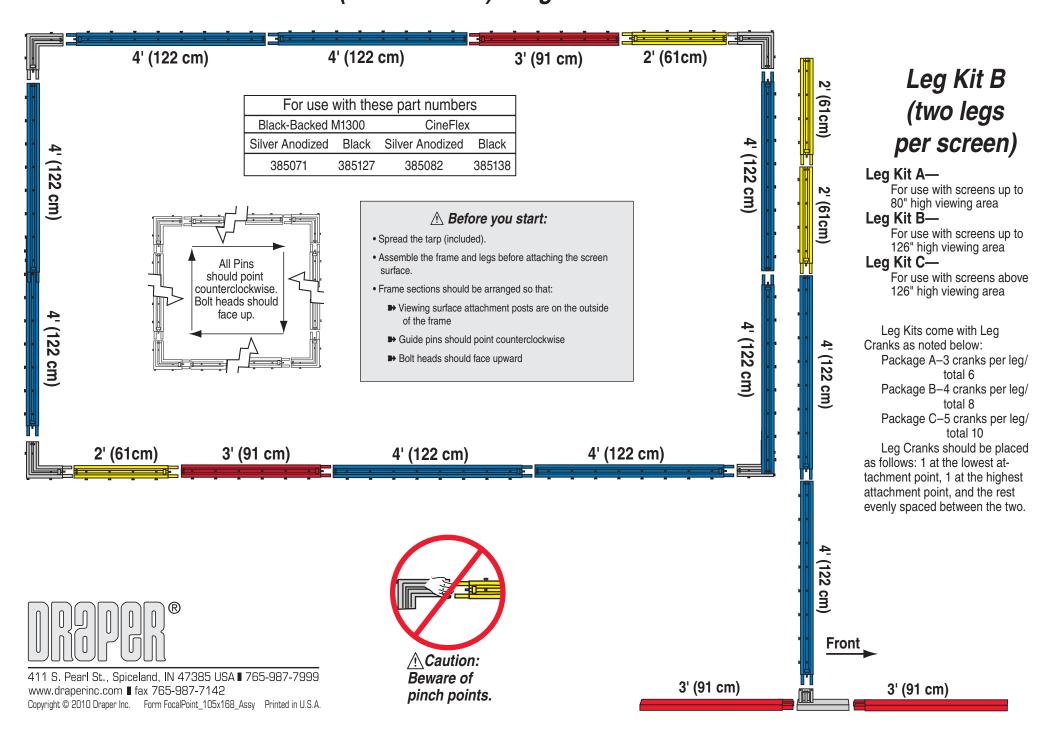
## FocalPoint™ Projection Screen by Draper—Assembly Map 75" x 120" (191 x 305 cm) Image Area—16:10 Format



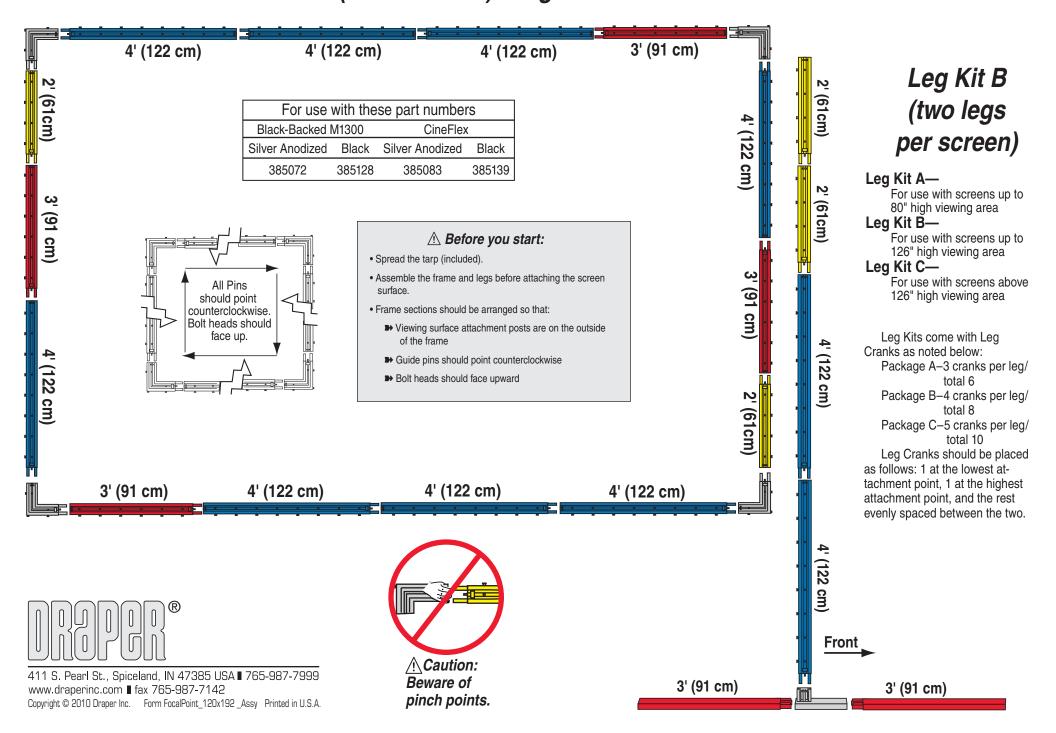
## FocalPoint™ Projection Screen by Draper—Assembly Map 90" x 144" (229 x 366 cm) Image Area—16:10



## FocalPoint™ Projection Screen by Draper—Assembly Map 105" x 168" (267 x 427 cm) Image Area—16:10 Format

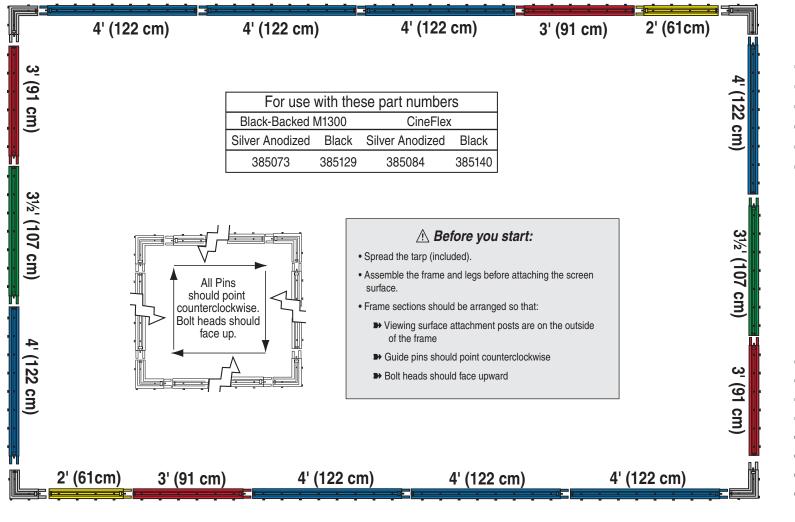


### FocalPoint™ Projection Screen by Draper—Assembly Map 120" x 192" (305 x 488 cm) Image Area—16:10 Format



### FocalPoint™ Projection Screen by Draper—Assembly Map

135" x 216" (343 x 549 cm) Image Area—16:10 Format



Leg Kit C (two legs per screen)

Page 25

Leg Kit A—

2' (61cm)

3' (91 cm)

4' (122 cm)

(122 cm)

(122 cm)

For use with screens up to 80" high viewing area

Leg Kit B—

For use with screens up to 126" high viewing area

Leg Kit C—

For use with screens above 126" high viewing area

Leg Kits come with Leg Cranks as noted below:

Package A–3 cranks per leg/ total 6

Package B–4 cranks per leg/ total 8

Package C-5 cranks per leg/ total 10

Leg Cranks should be placed as follows: 1 at the lowest attachment point, 1 at the highest attachment point, and the rest evenly spaced between the two.

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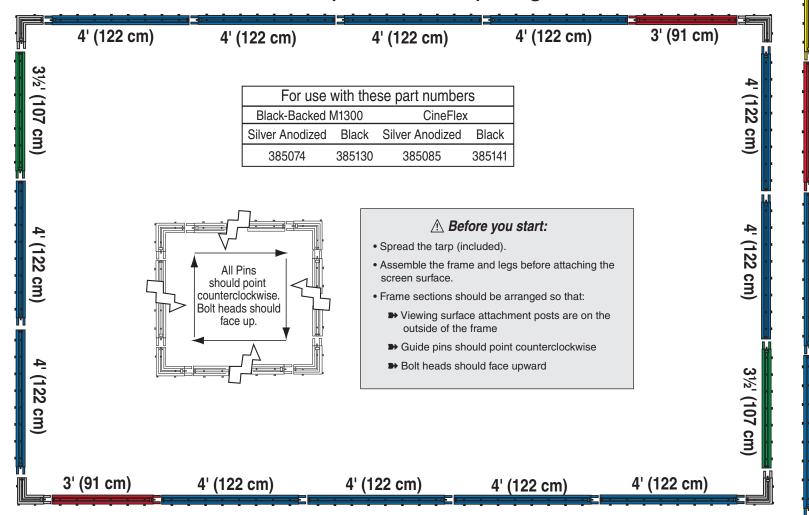
3' (91 cm)

Front

3' (91 cm)

### FocalPoint™ Projection Screen by Draper—Assembly Map

150" x 240" (381 x 610 cm) Image Area—16:10 Format



### Leg Kit C (two legs per screen)

Page 26

#### Leg Kit A—

2' (61cm)

(<u>9</u>

Cm

(122

SE

(122

(122 cm)

For use with screens up to 80" high viewing area

#### Leg Kit B—

For use with screens up to 126" high viewing area

#### Leg Kit C—

For use with screens above 126" high viewing area

Leg Kits come with Leg Cranks as noted below:

> Package A–3 cranks per leg/ total 6

> Package B–4 cranks per leg/ total 8

Package C-5 cranks per leg/ total 10

Leg Cranks should be placed as follows: 1 at the lowest attachment point, 1 at the highest attachment point, and the rest evenly spaced between the two.



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∴ Caution: Beware of pinch points.

3' (91 cm)

Front\_

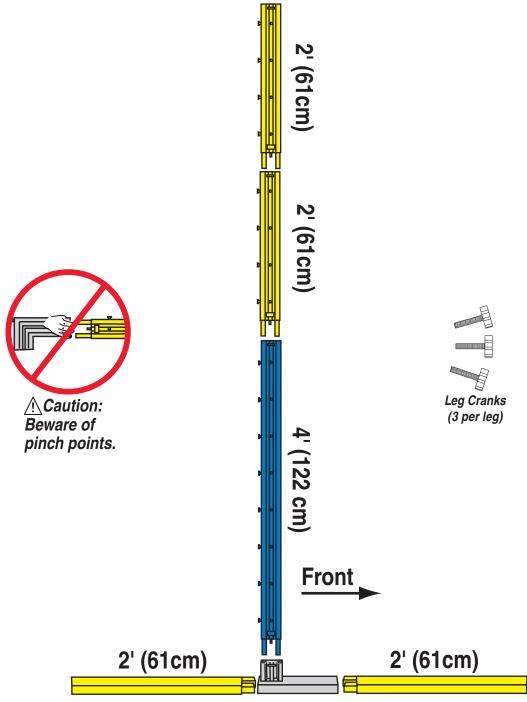
3' (91 cm)

### FocalPoint™ Projection Screen by Draper—Assembly Map for Leg Kits

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### Leg Kit A

For use with screens up to 80" high viewing area



Leg Kits come with Leg Cranks as noted below:

Package A-3 cranks per leg/total 6

Package B-4 cranks per leg/total 8

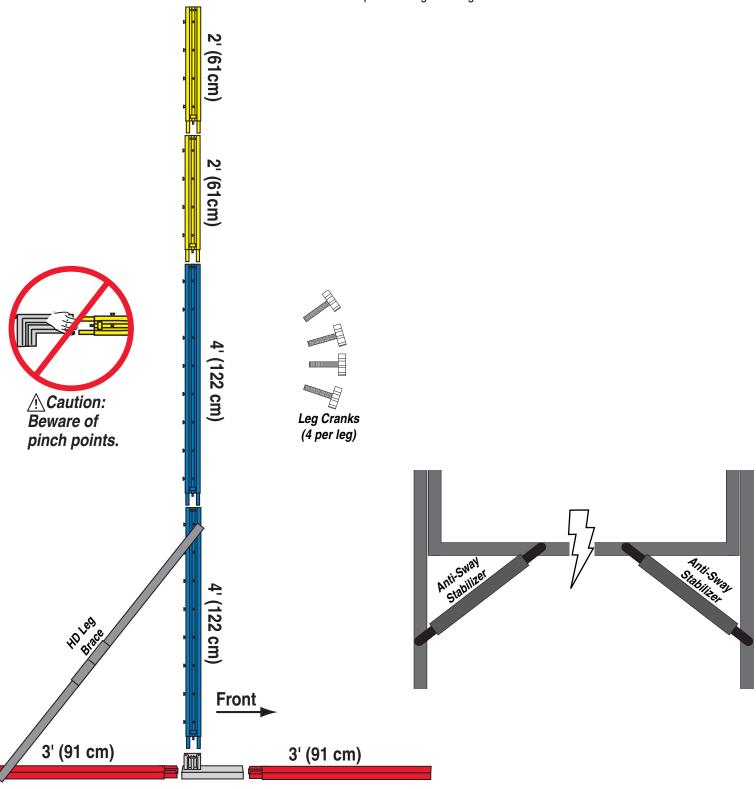
Package C-5 cranks per leg/total 10

Leg Cranks should be placed as follows: 1 at the lowest attachment point, 1 at the highest attachment point, and the rest evenly spaced between the two.



## FocalPoint™ Projection Screen by Draper—Assembly Map for Leg Kits Leg Kit B

For use with screens up to 126" high viewing area





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Leg Kits come with Leg Cranks as noted below:

Package A-3 cranks per leg/total 6

Package B-4 cranks per leg/total 8

Package C–5 cranks per leg/total 10

Leg Cranks should be placed as follows: 1 at the lowest attachment point, 1 at the highest attachment point, and the rest evenly spaced between the two.

# For use with screen above 126" high viewing area

3' (91 cm) 4' (122 cm) **⚠** Caution: Leg Cranks (5 per leg) Beware of pinch points. Anti-Sway Anti-Sway **Front** 3' (91 cm) (91 cm Leg Kits come with Leg Cranks as noted below: Package A-3 cranks per leg/total 6 Package B-4 cranks per leg/total 8

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Package C-5 cranks per leg/total 10

Leg Cranks should be placed as follows: 1 at the lowest attachment point, 1 at the highest attachment point, and the rest evenly spaced between the two.