Floating Clouds

CEILING & WALL SOLUTIONS

Inspiring Great Spaces[®]

RAISING The Standard

Formations[™] Cloud Kits give you a great custom look using standard components - eliminating the hassle, cost, and risk associated with custom installations. Panel options offer great spot acoustics, too. Formations cloud kits make installing clouds quick and easy!



Creating a Cloud Kit



FORMATIONS[™] Circles

FORMATIONS™

for Drywall

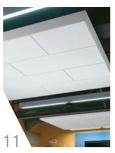


FORMATIONS™ Squares/ Rectangles



FORMATIONS[™] with Integrated Lighting

Formations[™] Clouds with ▶ ULTIMA[®] Tegular panels and Axiom[®] 4" Classic trim



FORMATIONS[™] Staggered



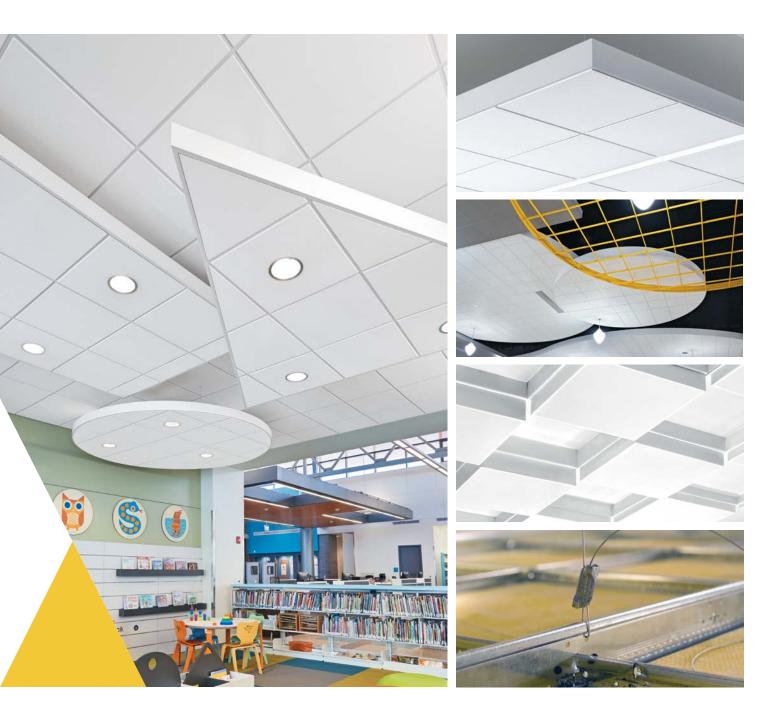
FORMATIONS™ with DC FLEXZONE[™]



FORMATIONS[™] Planks







For Every Space

With a wide variety of options – including configurations, panels, sizes, trim color, lighting, and applications – the possibilities are endless.

Great Acoustics

Formations cloud kits with acoustical panels provide greater sound absorption than a continuous ceiling of the same area.

Fewer Wires

Kits come complete with our proven StrongBack[™] carrying channel, which eliminates 40% of the cables – minimizing visible wires.

Faster Installation

Aircraft cable allows for easy floor level installation – kits assemble and install up to 50% faster than stick built clouds.

FORMATIONS[™] Cloud Kits Formations Cloud Kits Make it Easy to Create Unique Ceiling Designs

1

Start by choos cloud type	ing the FORMAT	IONS cloud type that fits your design vision.
	FORMATIONS™ Curves	 Soften and quiet an open room design by adding a few curves. 16 suspension system/trim colors 3 standard trim heights 16 shapes and sizes
	FORMATIONS [™] Squares/Rectangles	 Create a bold, captivating ceiling design with outstanding sound absorption. 16 suspension system/trim colors 3 standard trim heights 15 shapes and sizes
	FORMATIONS [™] Staggered	 Create visually interesting clouds the easy way. 16 suspension system/trim colors 3 standard trim heights 78 shapes and sizes
e	FORMATIONS [™] Planks	 Reduce the amount of visible suspension and create a sleek, clean look. 16 suspension system/trim colors 3 standard trim heights 30 shapes and sizes
	FORMATIONS [™] for Drywall	Improved floating visual compared to field constructed track and channeled clouds.3 standard trim heights21 shapes and sizes
	FORMATIONS [™] with Integrated Lighting	 Distribute safe, low-voltage direct current electrical power through the acoustical ceiling suspension system (grid) for more efficient lighting. 2 standard trim heights 3 suspension systems 4 shapes and sizes
	FORMATIONS [™] with DC FLEXZONE [™]	 Distribute safe, low-voltage direct current (DC) electrical power through the acoustical ceiling suspension system (grid) for more efficient lighting. 2 standard trim heights 2 suspension systems 12 shapes and sizes

AXIOM® trims and transitions customer service is available to help with your project from start to finish. Call 1 800 840 8521.

View installation videos or download CAD, Revit®, and SketchUp® files at armstrongceilings.com/formations

FORMATIONS™ Cloud Kits

Select a ceiling panel that works with your cloud.

ACOUSTICAL PANELS Due to printing limitations, shade may vary from actual product.

Curves

OPTIMA®/ULTIMA® Tegular and Vector® Panels



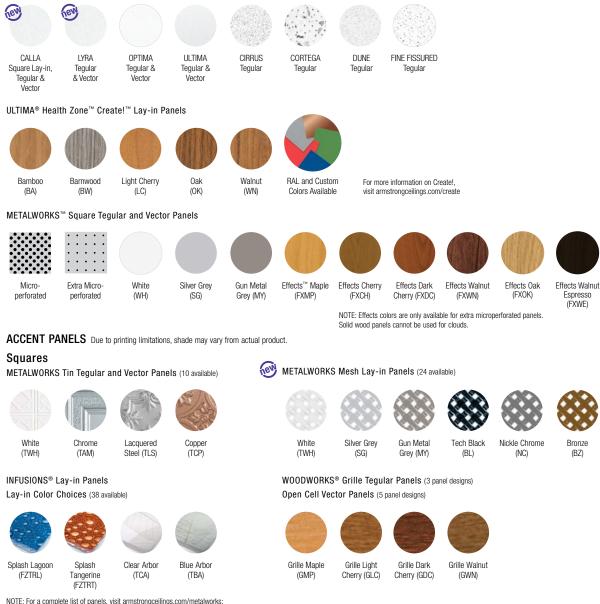
NOTE: ULTIMA and OPTIMA Vector are the only available factory-cut curved panels. Other 2' x 2' mineral fiber/fiberglass panels may be used but may require field cutting. For other non-standard acoustical options, see pages 20-21.

Staggered & Planks OPTIMA® Vector® Panels



Squares

CALLA®/LYRA®/OPTIMA/ULTIMA/CIRRUS®/CORTEGA®/DUNE™/FINE FISSURED™ Tegular, Vector®, and Square Lay-in Panels



Copper

(CP)

NOTE: For a complete list of panels, visit armstrongceilings.com/meta armstrongceilings.com/infusions; armstrongceilings.com/woodworks

Select your suspension system and trim colors.

 $\label{eq:color} \textbf{COLOR SELECTION} \hspace{0.1 cm} \text{Due to printing limitations, shade may vary from actual product.}$



AXIOM® Vector® for FORMATIONS™

AXIOM® TRIM TYPES

-	
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<u> </u>	
U	

2", 4", and 6" heights



Select your AXIOM® trim profile and height.

2", 4", and 6" heights

FORMATIONS[™] Vector[®] trim (available in 2", 4", and 6" heights)

AXIOM® Knife Edge® for FORMATIONS™



Tegular panel with AXIOM[®] for FORMATIONS[™] Knife Edge[®] for Vector® trim

View installation videos or download CAD, Revit®, and SketchUp® files at armstrongceilings.com/formations





Vector panel with AXIOM® for FORMATIONS[™] Knife Edge[®] for Vector® trim

7



AXIOM[®] for FORMATIONS[™] Vector[®] trim (available in 2", 4", and 6" heights)

AXIOM® trims and transitions customer service is available to help with your project from start to finish. Call 1 800 840 8521.



Tegular panel with inverted AXIOM® for FORMATIONS[™] Vector[®] trim (available in 2", 4", and 6" heights)





DC FLEXZONE™ SUPRAFINE® 9/16" suspension system



AXIOM[®] Knife Edge[®] Vector[®] for FORMATIONS[™]





PRELUDE® 15/16" suspension system included in all kits (except Drywall or DC FLEXZONE[™])



DC FLEXZONE[™] SILHOUETTE® 1/4" Reveal 9/16" suspension system



Edge			AXIOM [®] Vector [®]	AXIOM®	AXIOM® Knife Edge
Profile	Panel	AXIOM [®] Vector [®]	(Inverted)	Knife Edge®	Vector®
FORMATIONS	S™ Curves	Available in 2", 4", and 6" heights	Available in 2", 4", and 6" heights		
	Lay-in	-	•	-	-
	OPTIMA® Square Tegular	-	-	_	_
	OPTIMA [®] Vector [®] (Factory-cut)	٠	-	_	_
<u>ر</u>	ULTIMA® Beveled Tegular	-	٠	-	-
	ULTIMA® Vector (Factory-cut)	•	_	_	-
FORMATIONS	S™ Squares				
	Lay-in	-	•	•	-
<u> </u>	CALLA® Square Tegular	•	•	•	•
	CALLA® Vector (Factory-cut)	•	_	_	•
L	− LYRA® _ Square Tegular	•	•	•	•
	LYRA® Vector (Factory-cut)	•	-	_	•
L	OPTIMA® Square Tegular	•	٠	•	•
	OPTIMA [®] Vector (Factory-cut)	•	-	_	•
L	ULTIMA® Beveled Tegular	•	٠	•	•
[ULTIMA [®] Vector (Factory-cut)	•	-	-	•
۲	CIRRUS®/CORTEGA®/DUNE™/ FINE_FISSURED™ Angled Tegular	-	٠	•	-
	ULTIMA [®] Health Zone™ Create!™ Square Lay-in	_	٠	•	_
τ	METALWORKS™ Square Tegular	•	•	•	•
4	METALWORKS ™ Vector	•	_	_	•
	WOODWORKS® Grille Tegular	•	•	•	•
_	WOODWORKS [®] Open Cell Vector	٠	_	_	_
	INFUSIONS® Lay-in	•	•	•	٠
FORMATIONS	S™ Planks & Staggered				
	− OPTIMA® Vector	•	_	_	-
FORMATIONS	S™ for Drywall				
	N/A		iece Drywall Trim		
FORMATIONS	S™ with DC FLEXZONE™ / with I		g		
<u> </u>	− OPTIMA® Square Tegular −	•*	_	_	_
<u>ــــــــــــــــــــــــــــــــــــ</u>	ULTIMA® Beveled Tegular	•*	_	-	-

* 2" trim height not available with DC FLEXZONE $^{\scriptscriptstyle \rm TM}$

FORMATIONS[™] Curves Cloud Kits

Specify kits, colors, and panel selections.

Cloud

Curves

6'

6' x 8'

6' x 10

6' x 12'

6' x 14'

8' x 8'

8' x 10'

8' x 12'

8' x 14'

10' x 10'

10' x 12'

10' x 14'

12' x 12'

12' x 14'

14' x 14'

14'

11'-5"

10'

8'

Size

HOW TO SPECIFY Based on the cloud size

and shape you choose, you

need to specify and order the

suspension and trim kit item number, the special factory-cut

and any extra cartons of the

infill panels you may need. Standard circle and rounded

square clouds feature 15/16"

PRELUDE® suspension system and your choice of 2", 4", or

6" high AXIOM® Vector® trim.

C4VES 0606C

6' x 6'

Cloud

Curves Panel Kit: 3970

system options.

Kit item number.

Custom options available

* If specifying a color other than

White, remember to add the color

suffix at the end of the Suspension

that include a wide range of AXIOM® trim and suspension

Also order OPTIMA® Vector®

Color

Suffix*

EXAMPLE:

4" High

AXIOM®

Vector

Trim

curved Vector® panel kit number,

VISUAL SELECTION

Circle

Oval

Oval

Oval

Oval

Circle

Circle

Circle

Circle

Rounded Square

DANEL OF FOTION

Suspension

(Axiom Trim & Suspension System)

C_VES0606C__

C _ VES0608 _ _

C _ VES0610 _ _

C _ VES0612 _ _

C _ VES0808C _ _

C _ VES0808 _ _

C _ VES0810 _ _

C _ VES0812 _ _

C _ VES0814 _ _

C_VES1010C__

C_VES1010__

C_VES1012__

C _ VES1014 _ _

C _ VES1212C _ _

C _ VES1212 _ _

C _ VES1214 _ _

C _ VES1414C _ _

C_VES1414__

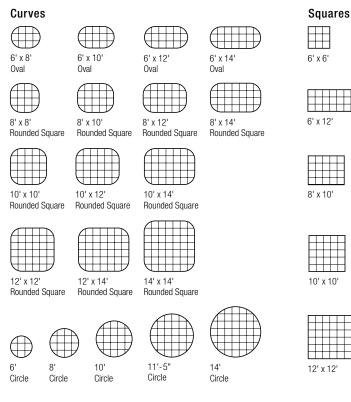
C VES0614

15/16" Prelude

Item No.

Factor	A® Vecto y-cut i Panels	r®	ULTIMA® Vector® Factory-cut Curved Panels		
Item No.	Cartons Required	Required Extra Item 3900 2' x 2' (Ctns)	Item No.	Cartons Required	Required Extra Iter 1920 2' x 2' (Ctns
3970	1	0	1970	1	0
3971	1	1	1971	1	1
3971	1	1	1971	1	1
3971	1	1	1971	1	1
3971	1	1	1971	1	1
3973	1	1	1973	1	1
3972	1	1	1972	1	1
3972	1	1	1972	1	1
3972	1	1	1972	1	1
3972	1	2	1972	1	2
3974	2	1	1974	2	1
3972	1	2	1972	1	2
3972	1	2	1972	1	2
3972	1	2	1972	1	2
3975	2	2	1975	2	2
3972	1	2	1972	1	2
3972	1	3	1972	1	3
3976	2	3	1976	2	3
3972	1	4	1972	1	4

CLOUD SHAPE AND SIZE SELECTION



6' x 8'

+







8' x 14'

			_				
10	•		10)' :	x 1	2	

8' x 12'



12' x 14'	14' x 14'



FORMATIONS[™] Square/Rectangle Cloud Kits

5 Specify kits, colors, and panel selections.

HOW TO SPECIFY

VISUAL SELECTION

PANEL SELECTION

Based on the cloud size and shape you choose, you need to specify and order the suspension and trim kit item number and the panel item number you select. Standard square and rectangle clouds feature 15/16" PRELUDE® suspension system and your choice of 2", 4", or 6" high AXIOM® Vector® trim, AXIOM® Knife Edge® Tegular or Vector® trim. EXAMPLE: <u>C4VEA</u> 0606 _ _ 4" High 6' x 6' Color AXIOM® Cloud Suffix* Vector

Trim Also order OPTIMA® Vector® Squares Panel Kit: 3900 (2' x 2' panels – 1 carton).

Custom options available that include a wide range of AXIOM[®] trim and suspension system options.

* If specifying a color other than White, remember to add the color suffix at the end of the Suspension Kit item number.



Cloud Size	AXIOM® Profile	Suspension Item No. (AXIOM® Trim & Suspension System)	OPTIMA® Vector Panels	ULTIMA® Vector® Panels	OPTIMA® Tegular Panels	ULTIMA Tegular Panels
Squares	s/Rectangles	15/16" Prelude	Item 3900 (Ctns)	Item 1920 (Ctns)	Items 3250, 3354, 3253 (Ctns)	Item 1911 (Ctns)
• 6' x 6'	Vector [®]	C _ VEA0606	1	1	1*	1*
	Knife Edge® Tegular	CKETA0606	_	-	1	1
	Knife Edge® Vector	CKEVA0606	1	1	_	_
6' x 8'	Vector®	C_VEA0608	1	1	1*	1*
	Knife Edge® Tegular	CKETA0608	_	_	1	1
	Knife Edge® Vector	 CKEVA0608	1	1	_	_
6' x 10'	Vector®	C _ VEA0610	2	2	1*	2*
	Knife Edge® Tegular	CKETA0610	_	_	1	2
	Knife Edge® Vector	CKEVA0610	2	2	_	_
6' x 12'	Vector®	C _ VEA0612	2	2	1*	2*
	Knife Edge® Tegular	CKETA0612	_	_	1	2
	Knife Edge® Vector	CKEVA0612	2	2	_	_
	Vector®	C _ VEA0614	2	2	1*	2*
		CKETA0614	_	_	1	2
	Knife Edge® Vector	CKEVA0614	2	2	_	_
8' x 8'	Vector®	C _ VEA0808	2	2	1*	2*
0 / 0	Knife Edge® Tegular	CKETA0808	_	_	1	2
	Knife Edge® Vector	CKEVA0808	2	2	_	_
8' x 10'	Vector®	C _ VEA0810	2	2	1*	2*
0 X 10		CKETA0810		_	1	2
	Knife Edge® Vector	CKEVA0810	2	2	_	_
8' x 12'	Vector®	C_VEA0812	2	2	1*	2*
0 1 12		CKETA0812	_	_	1	2
	Knife Edge® Vector	CKEVA0812	2	2		
8' x 14'	Vector®	C _ VEA0814	2	2	1*	3*
0 1 14		CKETA0814	_	_	1	3
	Knife Edge® Vector	CKEVA0814	2	2		
10' x 10'	· · · · · · · · · · · · · · · · · · ·	C _ VEA1010	2	3	2*	3*
				_	2	3
	Knife Edge [®] Tegular Knife Edge [®] Vector	CKETA1010	2	3	2	5
10' x 12'	ő	C _ VEA1012	3	3	2*	3*
10 1 12				_	2	3
	Knife Edge® Tegular	CKETA1012	3	3		-
10' x 14'	Knife Edge® Vector	CKEVA1012			2*	
10 X 14			3	3		3*
	Knife Edge® Tegular	CKETA1014		-	2	3
101101	Knife Edge® Vector	CKEVA1014	3	3	-	-
12' x 12'		C_VEA1212	3	3	2*	3*
	Knife Edge® Tegular	CKETA1212	-	-	2	3
101.0441	Knife Edge® Vector	CKEVA1212	3	3		-
12' x 14'		C_VEA1214	4	4	2*	4*
	Knife Edge® Tegular	CKETA1214		-	2	4
	Knife Edge® Vector	CKEVA1214	4	4	-	-
14' x 14'		C _ VEA1414	5	5	3*	5*
	Knife Edge® Tegular	UKE1A1414	-	-	3	5

* These items use AXIOM[®] for FORMATIONS[™] Vector[®] trim (inverted).

MORE PANEL OPTIONS

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Place these panel orders with Armstrong Customer Service - 1 877 276 7876

Panel options featured on pg. 7
CALLA®
CIRRUS®
CORTEGA®
DUNE™
FINE FISSURED [™]
LYRA® / LYRA® Vector®
ULTIMA [®] Health Zone [™] Create!™
METALWORKS [™] Tegular
METALWORKS [™] Vector [®]
METALWORKS [™] Tin
METALWORKS [™] Mesh
INFUSIONS®
WOODWORKS [®] Grille
WOODWORKS [®] Open Cell

FORMATIONS[™] Staggered Cloud Kits

5 Specify kits, colors, and panel selections.

HOW TO SPECIFY Based on the cloud size and shape you choose, you need to specify and order the suspension and trim kit item number and the panel item numbers you select.

Standard staggered clouds feature 15/16" PRELUDE® suspension system and your choice of 2", 4", or 6" high AXIOM® Vector® trim. EXAMPLE:

 OGOO
 V2A
 1222V

 6'x6'
 2" High
 1'x2'

 Cloud
 AXIOM®
 2'x2'

 Vector
 OPTIMA®

 Trim
 Vector

 Panels

Also order OPTIMA® Vector® Staggered Panel Kits: 3903 (1' x 2' panels – 1 carton) and 3900 (2' x 2' panels – 1 carton).

 Formations[™] Staggered Cloud Kits are available in white only.
 For colors, contact customer service at 1 800 840 8521.



VISUAL SELECTION		PANEL SELECTIO	N	
Cloud Size	Suspension Item No. (AXIOM® Trim & Suspension System)	OPTIMA® Vector® Panels		
Staggered	15/16" Prelude	1' x 2' / 2' x 2' Item 3903 / 3900 (Ctns)	2' x 2' / 2' x 4' Item 3900 / 3908 (Ctns)	2' x 4' / 2' x 8' Item 3908 / 3907 (Ctns)
6' x 6'	0606V _ A V	1/1	1/1	-
6' x 8'	0608V _ A V	1 / 1	1 / 1	-
6' x 10'	0610V _ A V	1/1	1/1	_
6' x 12'	0612V _ A V	1 / 1	1/1	_
6' x 14'	0614V _ A V	1/1	1/1	-
6' x 16'	0616V _ A V	2/2	1/1	-
8' x 6'	0806V _ A V	1/1	1/1	_
8' x 8'	0808V _ A V	1/1	1/1	_
8' x 10'	0810V _ A V	1/1	1/1	_
8' x 12'	0812V _ A V	2/2	2/2	_
8' x 14'	0814V _ A V	2/2	2 / 1	-
8' x 16'	0816V _ A V	2/2	2 / 1	_
10' x 6'	1006V _ A V	1/1	1/1	_
10' x 8'	1008V _ A V	1/1	1/1	_
10' x 10'	1010V _ A V	2 / 2	2 / 1	-
10' x 12'	1012V _ A V	2 / 2	2/2	-
10' x 14'	1014V _ A V	2 / 2	2/2	-
10' x 16'	1016V _ A V	2/2	2/2	_
12' x 6'	1206V _ A V	1 / 1	1/1	-
12' x 8'	1208V _ A V	2 / 2	1 / 1	-
12' x 10'	1210V _ A V	2 / 2	2/2	-
12' x 12'	1212V _ A V	2 / 2	2/2	-
12' x 14'	1214V _ A V	2 / 2	2/2	_
12' x 16'	1216V _ A V	3 / 3	2/2	_
16' x 6'	1606V _ A V	2 / 2	2/2	1 / 1
16' x 8'	1608V _ A V	2 / 2	2/2	2/2
16' x 10'	1610V _ A V	2/2	3 / 2	2/2
16' x 12'	1612V _ A V	3/3	3 / 2	2/2
16' x 14'	1614V _ A V	3/3	3 / 2	2/2
16' x 16'	1616V _ A V	3 / 3	1/1	2/2

AXIOM[®] trims and transitions customer service is available to help with your project from start to finish. Call 1 800 840 8521.

View installation videos or download CAD, $Revit^{\circledast},$ and $SketchUp^{\circledast}$ files at armstrongceilings.com/formations

FORMATIONS[™] Staggered Cloud Kits

STAGGERED CLOUD SHAPE AND SIZE SELECTION

6' x 10'

8' x 10'

10' x 10'

12' x 10'

14' x 10'

16' x 10'

1' x 2' / 2' x 2'	Panels
6' x 6'	6' x 8'
8' x 6'	8' x 8'
10' x 6'	10' x 8'
12' x 6'	12' x 8'
14' x 6'	14' x 8'
16' x 6'	16' x 8'

2' x 2' / 2' x 4' Panels

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6' x 6'	6' x 8'
8' x 6'	8' x 8'
10' x 6'	10' x 8'
12' x 6'	12' x 8'
14' x 6'	14' x 8'

16' x 6'

16' x 8'

6' x 10'
8' x 10'
10' x 10'
12' x 10'
14' x 10'

8' x 10'
10' x 10'
12' x 10'
14' x 10'

12' x 10'
14' x 10'

0'		
10		
0'		

16' x 10'	

6' x 12'	6' x 14'
8' x 12'	8' x 14'
10' x 12'	10' x 14'

12	2' x	12	2'	
-	_		-	

4' :	(12	ı	

16' x 12'	

16' x 14'

		Ι	Ι		Ι
6' x	14	l,			
		_	_	_	

6' x 12'

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8' x 12'

10' x 12'

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12' x 12'

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14' x 12'

16' x 12'

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12' x 14'

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14' x 14'

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8'	x 1	4				

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10' x 14'

TTT

12' x 14'

14' x 14'

16' x 14'

6' x 16'

		_		_	_	
8'	х	16	6'			

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10' x 16'

12	x 1	6'

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14' x 16'



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C 1		10				

6' x 16'

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8' x 16'

10' x 16'



12' x 16'

14' x 16'

x 16'

2' x 4' / 2' x 8' Panels

6' x 16'	

8' x 16'



10' x 16'



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14' x 16'



16' x 16'

-	16
	2

FORMATIONS[™] Planks Cloud Kits

5 Specify kits, colors, and panel selections.

HOW TO SPECIFY Based on the cloud size

and shape you choose, you

need to specify and order

the suspension and trim kit item number and the panel item number you select.

VISUAL SELECTION C.... С Š Р 8'

Standard plank clouds feature 15/16" PRELUDE® suspension system and your choice of 2", 4", or 6" high AXIOM® Vector[®] trim.

EXAMPLE:

<u>1210 V4P 26V</u> 12' x 10' 4" High 2' x 6' Cloud AXIOM® OPTIMA® Vector Vector Trim Panels

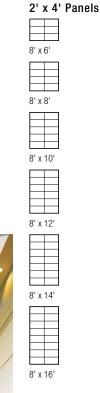
Also order OPTIMA® Vector® Plank Panel Kit: 3906 (2' x 6' - 1 carton).

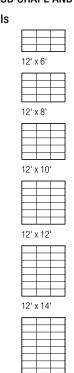
* Formations[™] Planks Cloud Kits are available in white only. For colors, contact customer service at 1 800 840 8521.

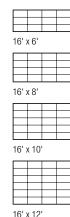
Cloud Size	Suspension Item No. (AXIOM® Vector® Trim & Suspension System)	OPTIMA® Vector® Panels			
		2' x 4'	2' x 6'	2' x 8'	
Planks	15/16" Prelude	Item 3908 (Ctns)	Item 3906 (Ctns)	Item 3907 (Ctns)	
8' x 6'	0806V _ P24V	1	-	-	
8' x 8'	0808V _ P24V	1	-	-	
8' x 10'	0810V _ P24V	1	-	-	
8' x 12'	0812V _ P24V	2	-	-	
8' x 14'	0814V _ P24V	2	-	-	
8' x 16'	0816V _ P24V	2	-	-	
12' x 6'	1206V _ P V	1	2	1	
12' x 8'	1208V _ P V	2	2	2	
12' x 10'	1210V _ P V	2	2	2	
12' x 12'	1212V _ P V	2	3	2	
12' x 14'	1214V _ P V	2	3	2	
12' x 16'	1216V _ P V	3	3	3	
16' x 6'	1606V _ P V	2	-	2	
16' x 8'	1608V _ P V	2	-	2	
16' x 10'	1610V _ P V	2	_	2	
16' x 12'	1612V _ P V	3	-	3	
16' x 14'	1614V _ P V	3	_	3	
16' x 16'	1616V _ P V	3	-	3	

PANEL SELECTION

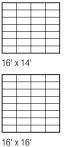
PLANKS CLOUD SHAPE AND SIZE SELECTION

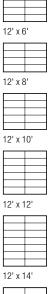






16' x 12'





2' x 6' Panels



2' x 8' Panels







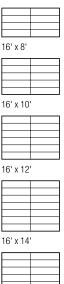
16' x 16'



AXIOM® trims and transitions customer service is available to help with your project from start to finish. Call 1 800 840 8521.

12' x 16'

View installation videos or download CAD, Revit®, and SketchUp® files at armstrongceilings.com/formations



FORMATIONS[™] Drywall Cloud Kits

5 Specify kits.

HOW TO SPECIFY Based on the cloud size and shape you choose, you need to specify and order the suspension and trim kit item number. FORMATIONS[™] drywall cloud kits are only compatible with 5/8" thick drywall. Standard drywall cloud kits

feature your choice of 2", 4", or 6" high unfinished AXIOM® drywall trim for easy on-site painting. EXAMPLE:

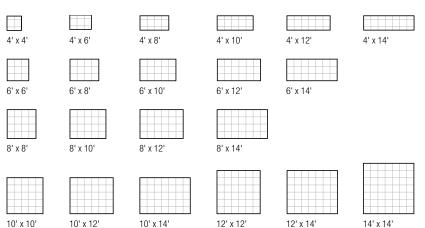
0404D A1P6UF 4' x 4' 6" High Drywall AXIOM® Cloud One-piece Drywall

Trim Unfinished

VISUAL SELECTION

Cloud Size	Suspension Item No. (AXIOM® Trim & Suspension System)	Cloud Size	Suspension Item No. (AXIOM® Trim & Suspension System)
Drywall	1-1/2" Drywall Grid	Drywall	1-1/2" Drywall Grid
4' x 4'	0404DA1P_UF	8' x 8'	0808DA1P_ UF
4' x 6'	0406DA1P_UF	8' x 10'	0810DA1P_ UF
4' x 8'	0408DA1P_ UF	8' x 12'	0812DA1P_ UF
4' x 10'	0410DA1P_UF	8' x 14'	0814DA1P_ UF
4' x 12'	0412DA1P_ UF	10' x 10'	1010DA1P_ UF
4' x 14'	0414DA1P_ UF	10' x 12'	1012DA1P_ UF
6' x 6'	0606DA1P_UF	10' x 14'	1014DA1P_ UF
6' x 8'	0608DA1P_UF	12' x 12'	1212DA1P_ UF
6' x 10'	0610DA1P_UF	12' x 14'	1214DA1P_ UF
6' x 12'	0612DA1P_ UF	14' x 14'	1414DA1P_ UF
6' x 14'	0614DA1P_ UF		

DRYWALL CLOUD SHAPE AND SIZE SELECTION





FORMATIONS[™] with Integrated Lighting

Specify kits, colors, and panel selections. 5

Cloud

6' x 8'

8' x 8'

8' x 10'

10' x 10'

Size

VISUAL SELECTION

HOW TO SPECIFY

Based on the cloud size and shape you choose, you need to specify and order the suspension and trim kit item number, the panel item number, and the Philips Ledalite light fixture you select.

<u>L0608T</u>	<u>* A</u>	<u>/</u>	
6' x 8' Cloud	Susp. Svstem	6" or 8"	Color Suffix
	oyotom	AXION Vector	1®
* PD = Prelu SF = Supra	afine 9/16"	height	

EXAMPLE:

LD = Interlude 9/16

All clouds come in the color White.

All clouds have a 4" wide opening in the center specifically designed for the integration of a Philips Ledalite TruGroove LED fixture.

	7
	1
PRFLUDF® - 15/	16"



ł 2

INTERLUDE® XL®	HRC - 9/16"

PLANKS CLOUD SHAPE AND SIZE SELECTION

Suspension

(AXIOM® Vector® Trim &

L0608T__AV___

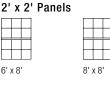
L0808T_ _AV_

L0810T__AV_

L1010T__AV_

Suspension System)

Item No.





6' x 8'





30" x 30" Panels

ULTIMA® Beveled

Tegular Panels

2' x 2

30" x 30'

15/16"

1911

1911

1911

15/16"

9/16'

1912

1912

1912

9/16"

1905

CALLA® Beveled

Tegular Panels

2' x 2'

30" x 30"

_

15/16"

2822

2822

2822

9/16"

2824

2824

2824

LYRA[®] Square

Tegular Panels

2' x 2'

30" x 30'

_

9/16"

8361

8361

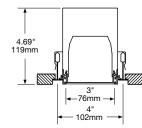
15/16"

8360

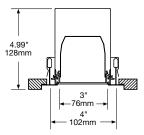
8360



CEILING PANEL / SUSPENSION SYSTEM / LIGHT FIXTURE INTERFACE



Armstrong[®] SUPRAFINE[®] 9/16" suspension system with Philips Ledalite TruGroove LED Light



PANEL SELECTION

OPTIMA® Square

Tegular Panels

2' x 2

30" x 30'

15/16"

3354

3354

3354

15/16"

3258

9/16'

3251

3251

3251

9/16"

3259

Armstrong® PRELUDE® 15/16" suspension system with Philips Ledalite TruGroove LED Light



AXIOM® trims and transitions customer service is available to help with your project from start to finish. Call 1 800 840 8521.

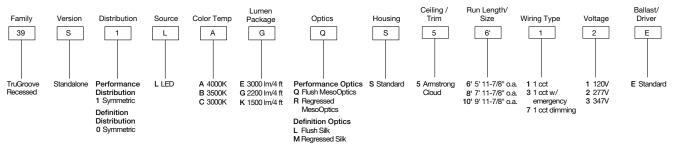
FORMATIONS[™] with Integrated Lighting

PHILIPS LEDALITE - TRUGROOVE LED RECESSED LIGHTING OVERVIEW



The epitome of simple sophistication – TruGroove LED lighting provides unrivaled performance and a truly innovative design, making a definitive statement in any architectural space.

SPECIFY YOUR COMPATIBLE LEDALITE LIGHTING FIXTURE



Contact your Philips lighting representative to order. For questions about lighting specifications:

Call: Philips Ledalite quotations at 604.888.6811 or

Email: quotes.ledalight@philips.com (Reference: Armstrong Clouds)

SPECIFY YOUR COMPATIBLE LEDALITE LIGHTING FIXTURE

Example based on 2200 Im (nominal per 4'), 4000K

Total Output	2187 lm
Efficacy	78.4 lm/W
CCT	4039K
CRI	84
R9	17
Distribution	0% Up / 100% Down
Spacing Criteria (0/90/180°)	1.41/1.75/NA

Meets RP-1-04 recommendations for VDT-Normal spaces

TRUGROOVE PHYSICAL DATA

Housing

Die-formed 20 gauge cold-rolled steel. Multiple upper wire entrances available for continuous row mounting of fixtures.

Weight

Maximum 3.5 lbs/ft.

Optical System

Performance version: White light emitted from the LED sources is internally reflected and laterally redirected by a biconvex lens. Light is then reflected by Miro-Silver panels and exits through the optical lens assembly. This assembly contains acrylic extrusion profiles to retain a layer of MesoOptics film, creating both an uninterrupted continuum of light and an optical batwing distribution.

Definition version: Light passes through a diffuse white acrylic lens to deliver a highly uniform luminous continuum.

Standard Driver

Dimming: 0-10V, 5-100%. Output is Class 2 rated.

Lumen Maintenance

At an ambient temperature of 25°C in non-insulated contact applications, the LED lumen maintenance expectation for each lumen package is:

K: L80 (12k) 71,000 hrs

G: L80 (12k) 68,000 hrs

E: L80 (12k) 54,000 hrs

Mounting

Mounting brackets on housing sides support T-Grid installation. 1/16" diameter aircraft cable with self-locking, tamper-resistant, miniature cable gripper provides vertical adjustment for drywall. Aircraft cable, crimp, and gripper independently tested to meet stringent safety requirements.

Values per 4 ft unit

Fixture photometry has been conducted by an NVLAP accredited testing laboratory in accordance with IESNA LM-79:2008

Lumen maintenance of the LEDs has been tested by the manufacturer in accordance with IESNA LM-80:2008

IES files for this and other photometric options can be downloaded online at www.ledalite.com

TRUGROOVE ELECTRICAL SPECIFICATIONS

Input Voltage	120V	277V
Input Voltage	27.9W	27.9W
Input Current	0.237A	0.115A
Power Factor	0.983	
Total Harm. Distortion	16.5%	

Tested values – contact technical support for rated values. Off-state power zero unless certain controls are specified.

Joints

Self-aligning joining system with handsfree pre-joining wire access.

Electrical Factory pre-wired to section ends with quick-wire connectors.

Approvals

Certified to UL, CSA, and IES standards. Insulation Contact (IC) rated.

Finish

Extruded aluminum trim and die-cast endplates coated with electrostatically applied and thermally cured polyester powder coat paint finish.

Environment

Rated for dry or damp locations in operating ambient temperatures 0-40°C (32-104°F).

FORMATIONS[™] with DC FlexZone[™]

Specify kits, colors, and panel selections.

HOW TO SPECIFY

VISUAL SELECTION

Based on the cloud size and shape you choose, you need to specify and order the suspension and trim kit item number, the panel item number you select, and any lighting or control options you choose to include.

Standard DC FLEXZONE[™] clouds feature DC FLEXZONE[™] 9/16" SUPRAFINE® or SILHOUETTE® 1/4" Reveal suspension system and your choice of 4" or 6" high AXIOM® Vector® trim.

EXAMPLE:

DC1014 TSL AV4 10' x 14' SILHOUETTE® 4" High Cloud 1/4" Reveal AXIOM® Vector Trim

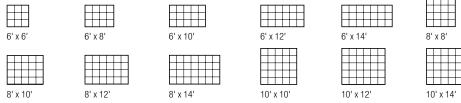
Also order ULTIMA Panel Kit: 1912 (2' x 2' - 3 cartons). Order compatible lighting, power supply, cables, and controls through DC FLEXZONE™

partner sites.

Cloud Size	Suspension Item No. (AXIOM® Trim & Suspension System)		OPTIMA® Tegular Panels	ULTIMA® Tegular Panels
DC FLEXZONE™	9/16" SILHOUETTE® 1/4" Reveal	9/16" SUPRAFINE®	Item 3251 (Ctns)	Item 1912 (Ctns)
6' x 6'	DC0606TSLAV _	DC0606TSFAV _	1	1
6' x 8'	DC0608TSLAV _	DC0608TSFAV _	1	1
6' x 10'	DC0610TSLAV _	DC0610TSFAV _	1	2
6' x 12'	DC0612TSLAV _	DC0612TSFAV _	1	2
6' x 14'	DC0614TSLAV _	DC0614TSFAV _	1	2
8' x 8'	DC0808TSLAV _	DC0808TSFAV _	1	2
8' x 10'	DC0810TSLAV _	DC0810TSFAV _	1	2
8' x 12'	DC0812TSLAV _	DC0812TSFAV _	1	2
8' x 14'	DC0814TSLAV _	DC0814TSFAV _	2	3
10' x 10'	DC1010TSLAV _	DC1010TSFAV _	1	3
10' x 12'	DC1012TSLAV _	DC1012TSFAV _	2	3
10' x 14'	DC1014TSLAV	DC1014TSFAV	2	3

PANEL SELECTION

DC FLEXZONE CLOUD SHAPE AND SIZE SELECTION



SYSTEM OVERVIEW

DC FLEXZONE[™] Suspension System

- DC FLEXZONE[™] suspension system is a "Power Distribution Platform"
- Each main beam becomes its own electrical circuit 24VDC, 100 Watts, "Safe to Touch", Class 2 Powered main beam: SUPRAFINE® has 1 circuit
- SILHOUETTE® has 2 circuits
- · Only the main beams receive power, all other ceiling and suspension components are standard
- DC FLEXZONE[™] suspension system is installed like any other acoustical ceiling; electricians simply "wire up" the grid instead of every light fixture
- At least 2.0 watts/SF of power is delivered through the ceiling, more than enough for lighting and other plenum-based electrical devices like sensors

Power Supply

- · A power supply connects to the building's AC power and converts it to 24 Volt direct current (DC)
- · Optional for the power supply to be directly connected to a renewable on-site source, like solar

Power Cables

- Power cables bring power from the power supply to the DC FLEXZONE[™] suspension system via special connector slots on the grid
- · Each main beam receives power so it's available wherever you need it



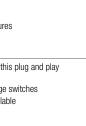
- Device cables bring power from the DC FLEXZONE[™] suspension system to devices anywhere along
- the main beam just "plug and play" · Compatible fixtures from lighting companies include:
- Recessed 24" x 24" and 24" x 48", Pendant, and Downlight fixtures
- Compact Fluorescent, Fluorescent, and LED lighting technology

Controls

- · Standard off the shelf controls can be used that are separate from this plug and play DC power infrastructure
- · Typically 0-10v control circuits will be used or relays and low voltage switches
- DC FLEXZONE[™] compatible wireless control solutions are also available











FORMATIONS[™] Cloud Kits

DC FLEXZONE[™] COMPATIBLE POWER SUPPLY, CABLES, LIGHTING, AND CONTROLS

Cloud Size	Power Supply ¹	Power Cables ²	Lights ³	Controls
DC FlexZone	(Qty)	(Qty)		
6' x 6'	1	2	1	Design by Others
6' x 8'	1	2	1	Design by Others
6' x 10'	1	2	2	Design by Others
6' x 12'	1	2	2	Design by Others
6' x 14'	1	2	2	Design by Others
3' x 8'	1	2	2	Design by Others
3' x 10'	1	2	2	Design by Others
3' x 12'	1	2	2	Design by Others
8' x 14'	1	3	3	Design by Others
10' x 10'	1	2	2	Design by Others
10' x 12'	1	4	4	Design by Others
10' x 14'	1	4	4	Design by Others



- 1 Recommend specifying a Roal Electronics 4 channel Safe Energy Server.
- 2 Recommend specifying TE Connectivity 10' power feed cable assemblies.
- 3 Recommend specifying this quantity of lighting fixtures, each with a 5' TE load device cable assembly.
- * All electrical devices shall be ordered from the electrical manufacturer and through normal electrical distribution channels.

All electrical items and quantities are strictly recommendations. All electrical devices shall be Armstrong[®] DC FLEXZONE[™] compatible. Armstrong World Industries does not warrant, and assumes no liability for the accuracy, completeness, or performance of another manufacturer's product. The specifier is advised to consult with a duly licensed engineering or lighting designer in the particular locale of the installation to assume compliance with all legal requirements for the electrical design and layout.

For sample DC FLEXZONE[™] for FORMATIONS[™] layouts with compatible lighting and controls, visit www.armstrongceilings.com/dcflexzone

DC FLEXZONE[™] COMPATIBLE PARTNERS

Products from each of the categories below need to be specified and ordered separately for a complete DC FLEXZONE[™] Formations[™] Cloud. Armstrong provides the DC FLEXZONE[™] suspension system and ceiling panels.

The other product categories are provided by our DC FLEXZONE[™] compatible partners through their normal electrical channels. For more information on DC FLEXZONE[™] compatible partners' products, visit www.armstrongceilings.com/dcflexzone.

Power Distribution and Controls



Lighting Options



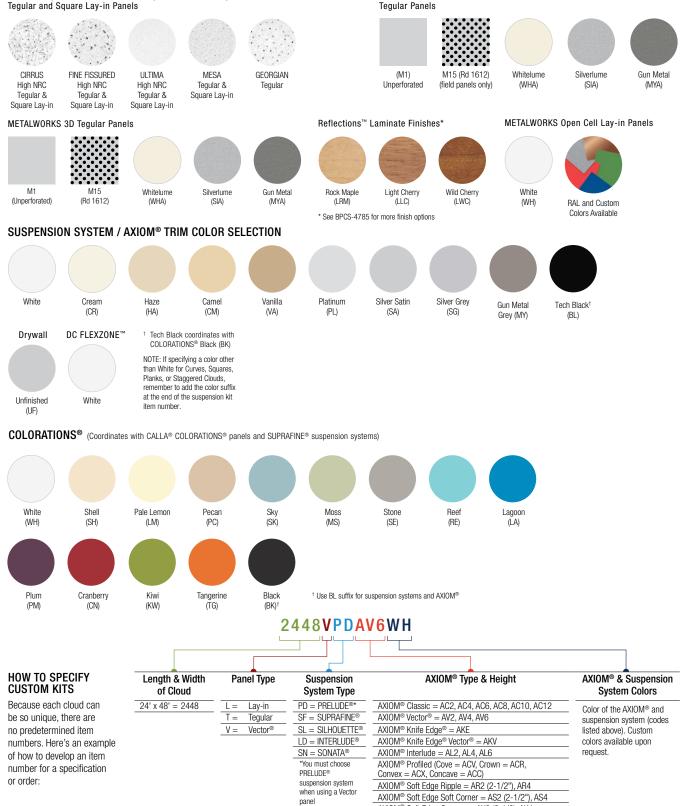
View installation videos or download CAD, Revit $^{\otimes}$, and SketchUp $^{\otimes}$ files at armstrongceilings.com/formations

FORMATIONS[™] Custom Cloud Kits

Size, panels, color, suspension, and trim - it's all up to you!

CEILING PANELS Due to printing limitations, shade may vary from actual product.

CIRRUS® High NRC/FINE FISSURED[™] High NRC/ULTIMA[®] High NRC/MESA[™]/GEORGIAN[™] Tegular and Square Lay-in Panels



METALWORKS[™] TechZone[®]

AXIOM[®] Soft Edge Convex = AX2 (2-1/2), AX4

TAKE THE NEXT STEP



1 877 276 7876

Customer Service Representatives 7:45 a.m. to 5:00 p.m. EST Monday through Friday

TechLine – Technical information, detail drawings, CAD design assistance, installation information, other technical services – 8:00 a.m. to 5:30 p.m. EST, Monday through Friday. FAX 1 800 572 8324 or email: techline@armstrongceilings.com

armstrongceilings.com/commercial

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Standard and custom product information

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CAD, Revit®, SketchUp® files

A Ceiling for Every Space® Visual Selection Tool

Product literature and samples – express service or regular delivery

Contacts - reps, where to buy, who will install

YOU INSPIRE[™] SOLUTIONS CENTER

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Design Assistance

Collaborative design Detail drawings Specifications Planning and budgeting

Pre-construction Assistance

Layout drawings for standard and premium products Project installation recommendations

Contractor installation assistance

you inspire[™] solutions center

helping to bring your one-of-a-kind ideas to life

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