

ALG3

Align is an easily specifiable and highly configurable lighting system designed to accommodate the changing needs of any space. Multi-award winning luminaire system.

Magnetic modules¹ come with multiple light and mounting options. Tool-free installation and removal capabilities.¹

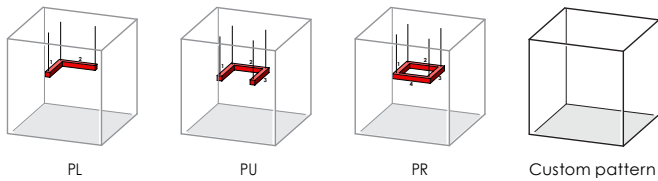
¹ALTA 65 is a non magnetic module.



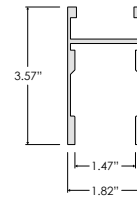
Performance

LH HIGH			
Distribution	Delivered Lumen Output	DC Load	Efficacy
ALTA 45 - 18°	1,141 lm	13.3 W	85 lm/W
ALTA 45 - 38°	1,083 lm	13.3 W	80 lm/W
ALTA 55 - 25°	1,394 lm	18.2 W	75 lm/W
ALTA 55 - 35°	1,298 lm	18.2 W	70 lm/W
ALTA 65 - 15°	2746 lm	31.0 W	89 lm/W
ALTA 65 - 25°	2739 lm	31.0 W	87 lm/W
ALTA 65 - 42°	2668 lm	31.0 W	72 lm/W
ALTA 65 - 57°	2679 lm	31.0 W	70 lm/W
STRIDE SQ - REGULAR	518 lm/ft	11.1 W/ft	47 lm/W
STRIDE SQ - DROPPED	534 lm/ft	11.1 W/ft	49 lm/W
STRIDE RS - REGULAR	636 lm/ft	11.1 W/ft	58 lm/W
STRIDE RS - DROPPED	655 lm/ft	11.1 W/ft	60 lm/W
PACE 22°	1,367 lm	17 W	80 lm/W
PACE 55°	1,123 lm	17 W	66 lm/W
PACE HE TECH	544 lm	13 W	42 lm/W

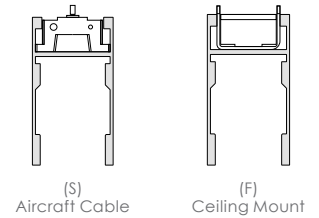
Configurations



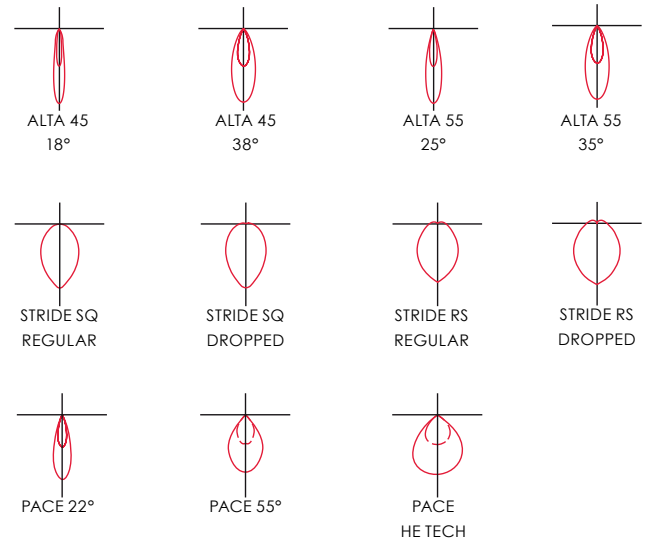
Dimensions

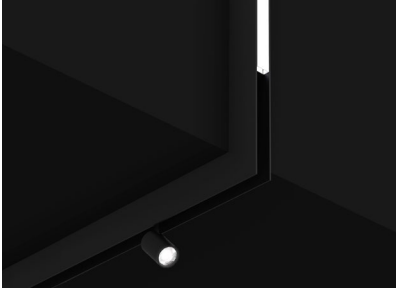


Mounting



Photometric





Need help?
Don't see what you need?
We know that having so many options can be overwhelming. Please reach out to our factory for any specific request or questions you have.

Our Design Assist team
(designassist@alights.com)
is here to make the process move smoothly.

ALG3					
SERIES	POWER SOURCE		LENGTH OR PATTERN TYPE		MOUNTING
ALG3	RJ IJ	Recessed J-Box with cover plate Profile Integrated J-Box	— PL_ PU_ PR_ CP	Nominal Length "L" Shape ¹ "U" Shape ¹ Rectangle/Square ¹ Custom Pattern ²	IT IX "T" Intersection "X" Intersection
					U Universal 120V-277V
					S F Aircraft cable Surface mount
					¹ Standard 48" field adjustable cable, specify length to nearest inch if over 48"

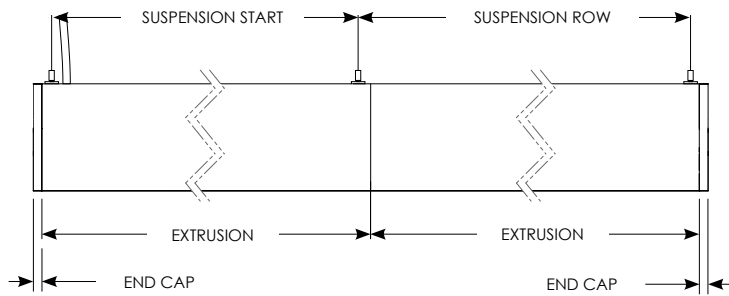
EXTERIOR FINISH ¹	DIRECT DIMMING	ALTA 45 MODULES				ALTA 55 MODULES			
B Black W White	D Standard 0-10V ¹ 1% Dimming standard unless otherwise specified ² Two 0-10V dimming outputs for separate up/down control. Remote drivers available with separate up/down dimming and switching. Inline driver available with separate up/down dimming and combined/single switching. Reference install sheets.	A41SB_ ALTA 45 18° LS Black ¹ A43SB_ ALTA 45 38° LS Black ¹ A41HB_ ALTA 45 18° LH Black ¹ A43HB_ ALTA 45 38° LH Black ¹	A41SW_ ALTA 45 18° LS White ¹ A43SW_ ALTA 45 38° LS White ¹ A41HW_ ALTA 45 18° LH White ¹ A43HW_ ALTA 45 38° LH White ¹			A52SB_ ALTA 55 25° LS Black ¹ A53SB_ ALTA 55 35° LS Black ¹ A52HB_ ALTA 55 25° LH Black ¹ A53HB_ ALTA 55 35° LH Black ¹	A52SW_ ALTA 55 25° LS White ¹ A53SW_ ALTA 55 35° LS White ¹ A52HW_ ALTA 55 25° LH White ¹ A53HW_ ALTA 55 35° LH White ¹		
¹ Inside of system is always black.		¹ Specify quantity (i.e. A41S6) ² Specify multiple modules if needed ³ Go to module page for photometric data				¹ Specify quantity (i.e. A52S3) ² Specify multiple modules if needed ³ Go to module page for photometric data			

ALTA 65 MODULES				PACE MODULES ¹		STRIDE MODULES		DIRECT CCT		CRI	
A61SB_	ALTA 65 15° LS Black ¹	A61SW_	ALTA 65 15° LS White ¹	P2S_	Pace 22° LS ²	SR1_	Stride Rounded Lens 1 ¹¹	27	2700K	—	CRI 80
A62SB_	ALTA 65 25° LS Black ¹	A62SW_	ALTA 65 25° LS White ¹	P2H_	Pace 22° LH ²	SR2_	Stride Rounded Lens 2 ¹¹	30	3000K	CRI	CRI 90+ ¹
A64SB_	ALTA 65 42° LS Black ¹	A64SW_	ALTA 65 42° LS White ¹	P5S_	Pace 55° LS ³	SR3_	Stride Rounded Lens 3 ¹¹	35	3500K		
A65SB_	ALTA 65 57° LS Black ¹	A65SW_	ALTA 65 57° LS White ¹	P5H_	Pace 55° LH ²	SR4_	Stride Rounded Lens 4 ¹¹	40	4000K		
A61HB_	ALTA 65 15° LH Black ¹	A61HW_	ALTA 65 15° LH White ¹	PHS_	Pace HE LS ²	SS1_	Stride Suared Lens 1 ¹¹				
A62HB_	ALTA 65 25° LH Black ¹	A62HW_	ALTA 65 25° LH White ¹	PHH_	Pace HE LH ²	SS2_	Stride Suared Lens 2 ¹¹				
A64HB_	ALTA 65 42° LH Black ¹	A64HW_	ALTA 65 42° LH White ¹			SS3_	Stride Suared Lens 3 ¹¹				
A65HB_	ALTA 65 57° LH Black ¹	A65HW_	ALTA 65 57° LH White ¹			SS4_	Stride Suared Lens 4 ¹¹				
				¹ All Pace modules only available in Black finish. ² Specify quantity (i.e. A41S6). Specify multiple modules if needed. Go to module page for photometric data		¹ Specify quantity and finish. W for White and B for Black. (i.e. SS3B, SR4BW) ² Specify multiple modules if needed ³ For 0-10V dimming Strides, output can be adjusted with potentiometer on top of module.				¹ Standard offering is 80+ CRI.	
¹ Specify quantity (i.e. A41S6). Specify multiple modules if needed. Go to module page for photometric data											

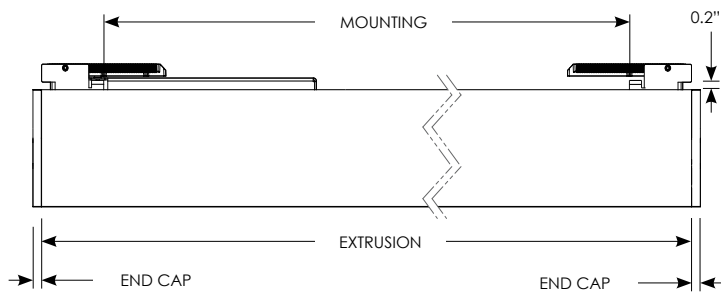
Recessed J-box: ø9.3" cover plate with recessed driver box. Standard is white. Recessed j-boxes are suitable for many kinds of ceiling and leave more space for accessories in the system. The profile integrated J-box is 8.3" long at every integrated power segments. It makes it easier to install in

the field and requires minimal intervention on the installation environment. For patterns with multiple mounting options, please contact Design Assist.

Nominal Length Aircraft Cable



Nominal Length Surface Mount



DIMENSIONS			
		Aircraft Cable	Surface Mount
Nominal 2'	Suspension Start	23.42"	22.65"
	Suspension Row	24.00"	23.25"
	Extrusion	24.00"	24.00"
Nominal 4'	Suspension Start	47.42"	46.65"
	Suspension Row	48.00"	47.25"
	Extrusion	48.00"	48.00"
Nominal 6'	Suspension Start	71.42"	70.65"
	Suspension Row	72.00"	71.25"
	Extrusion	72.00"	72.00"
Nominal 8'	Suspension Start	95.42"	94.65"
	Suspension Row	96.00"	95.25"
	Extrusion	96.00"	96.00"

End Cap	0.30"
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For more information on mounting lengths, go to the aircraft cable mounting length segment on page 6.

Maximum Module Qty. Per Driver

Maximum quantity of modules per driver are calculated by dividing the maximum DC load (96W) by the DC power consumption per module. For example, a maximum of 7 "ALIGN ALTA 45" at high output can be powered by a single power feed: $96W \div 13.5W = 7$ units. A variety of different modules are available and combining several modules is possible and recommended.



Need several power drops for more modules or rows? Have questions? We know that having so many options can be overwhelming. Please reach out to our factory for any specific requests or questions you have. Our talented Design Assist team is here to help.

Output	Module	DC Power	Max Qty.
LH HIGH OUTPUT	PACE (22°-55°)	17.0 W	5
	PACE HE TECH	13.0 W	7
	ALTA 45	13.3 W	7
	ALTA 55	18.2 W	5
	ALTA65	31.0 W	3
	STRIDE (RS - SQ)	11.1 W/ft	8 ft
LS STANDARD OUTPUT	PACE (22°-55°)	10.0 W	10
	PACE HE TECH	7.00 W	14
	ALTA 45	6.4 W	15
	ALTA 55	10.5 W	9
	ALTA 65	24.0 W	3
	STRIDE (RS - SQ)	11.1 W/ft	8 ft

MAGNETIC SYSTEM
ALG
Maximum DC load 96W (per driver)

MAGNETIC SYSTEM											
PACE (22°, 55°)		PACE HE TECH		ALTA 45		ALTA 55		ALTA 65		STRIDE (SQ, RS)	
LH 17.0W	LS 10.0W	LH 13.5W	LS 7.0W	LH 13.3W	LS 6.4W	LH 18.2W	LS 10.5W	LH 31.0W	LS 24.0W	LH 11W/FT	



Here is how you determine if and when you need an extra power source :

1. The total DC load (W) of installed light sources exceeds 96W.
2. The total length of indirect lighting exceeds 24' If your system exceeds either of these conditions (96W or 24'), an additional power source must be added in a M 'mid segment'.

ALTA Performance at 4000K

ALTA 45				ALTA 55				ALTA 65			
Optic	Output	DC Load	Efficacy	Optic	Output	DC Load	Efficacy	Optic	Output	DC Load	Efficacy
18°	LH	13.3W	85 lm/W	25°	LH	18.2W	77 lm/W	15°	LH	31.0W	89 lm/W
	LS	6.4W	90 lm/W		LS	10.5W	86 lm/W		LS	24.0W	93 lm/W
38°	LH	13.3W	85 lm/W	35°	LH	18.2W	75 lm/W	25°	LH	31.0W	87 lm/W
	LS	6.4W	90 lm/W		LS	10.5W	82 lm/W		LS	24.0W	92 lm/W
								42°	LH	31.0W	72 lm/W
									LS	24.0W	90 lm/W
								57°	LH	31.0W	70 lm/W
									LS	24.0W	90 lm/W

Based on static white 4000K. For the complete photometric data of this fixture go to Light loss factors table.



To specify your ALTA module's beam angle, output and quantity, please go to the ALG2, ALG3, and ALG5 system pages.
If you have a question or need more information on the possibilities of our modules and systems, please consult our Design Assist team.

Light loss factors (LLF)

OUTPUT	CCT	CRI 80+ (STANDARD)								CRI 90+							
		ALTA 45		ALTA 55		ALTA 65				ALTA 45		ALTA 55		ALTA 65			
		18°	38°	25°	35°	15°	25°	42°	57°	18°	38°	25°	35°	15°	25°	42°	57°
LH (high)	4000K	1153 lm	1094 lm	1408 lm	1342 lm	2773 lm	2766 lm	2694 lm	2705 lm	1030 lm	977 lm	1257 lm	1198 lm	2343 lm	2339 lm	2277 lm	2285 lm
	3500K	1141 lm	1083 lm	1394 lm	1329 lm	2746 lm	2739 lm	2668 lm	2679 lm	987 lm	936 lm	1205 lm	1149 lm	1979 lm	1976 lm	1923 lm	1930 lm
	3000K	1115 lm	1058 lm	1362 lm	1298 lm	2692 lm	2685 lm	2616 lm	2626 lm	965 lm	916 lm	1178 lm	1123 lm	2209 lm	2205 lm	2146 lm	2154 lm
	2700K	1080 lm	1025 lm	1319 lm	1257 lm	2585 lm	2578 lm	2511 lm	2521 lm	921 lm	874 lm	1125 lm	1072 lm	2120 lm	2117 lm	2060 lm	2068 lm
LS (standard)	4000K	576 lm	977 lm	880 lm	866 lm	2222 lm	2216 lm	2158 lm	2167 lm	514 lm	514 lm	786 lm	773 lm	1877 lm	1874 lm	1825 lm	1830 lm
	3500K	570 lm	936 lm	871 lm	857 lm	2200 lm	2194 lm	2137 lm	2146 lm	493 lm	493 lm	753 lm	741 lm	1585 lm	1583 lm	1542 lm	1546 lm
	3000K	557 lm	916 lm	851 lm	837 lm	2157 lm	2151 lm	2095 lm	2104 lm	482 lm	482 lm	737 lm	725 lm	1769 lm	1766 lm	1720 lm	1725 lm
	2700K	540 lm	874 lm	825 lm	811 lm	2071 lm	2065 lm	2011 lm	2020 lm	460 lm	460 lm	703 lm	692 lm	1698 lm	1696 lm	1651 lm	1656 lm

ALTA Photometric Data

Distribution

Direct Symmetric

Output

ALTA 45
LH High output 13.3W
LS Standard output 6.4W

ALTA 55
LH High output 18.2W
LS Standard output 10.5W

ALTA 65
LH High output 31.0W
LS Standard output 24.0W

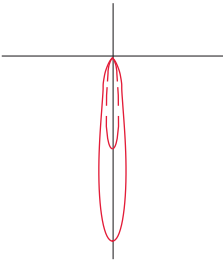
ALTA 45 Photometric Data

18° DIRECT SYMMETRIC

LH - 4000K

Lumens: 1135 lm
Input watts: 13.3 W
Efficacy: 85 lm/W

LH ———
LS - - - - -

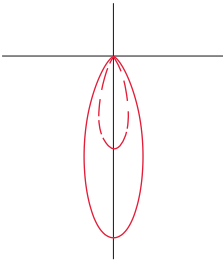


38° DIRECT SYMMETRIC

LH - 4000K

Lumens: 1094 lm
Input watts: 13.3 W
Efficacy: 85 lm/W

LH ———
LS - - - - -



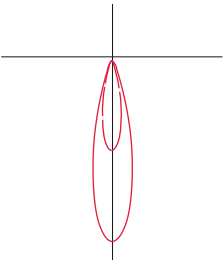
ALTA 55 Photometric Data

25° DIRECT SYMMETRIC

LH - 4000K

Lumens: 1408 lm
Input watts: 18.2 W
Efficacy: 77 lm/W

LH ———
LS - - - - -

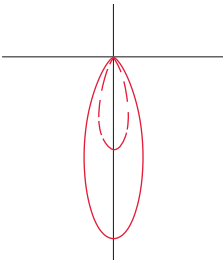


35° DIRECT SYMMETRIC

LH - 4000K

Lumens: 1342 lm
Input watts: 18.2 W
Efficacy: 77 lm/W

LH ———
LS - - - - -



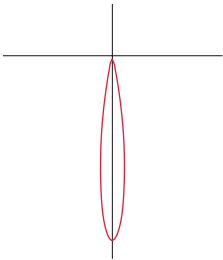
ALTA 65 Photometric Data

15° DIRECT SYMMETRIC

LH - 4000K

Lumens: 2746 lm
Input watts: 31.0 W
Efficacy: 89 lm/W

LH ———
LS - - - - -

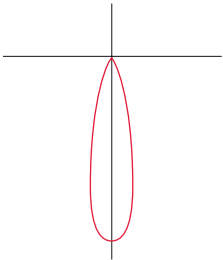


25° DIRECT SYMMETRIC

LH - 4000K

Lumens: 2739 lm
Input watts: 31.0 W
Efficacy: 88 lm/W

LH ———
LS - - - - -

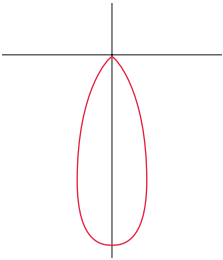


42° DIRECT SYMMETRIC

LH - 4000K

Lumens: 2667 lm
Input watts: 31.0 W
Efficacy: 86 lm/W

LH ———
LS - - - - -

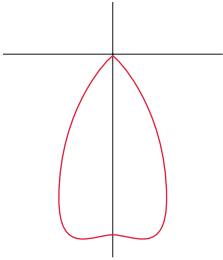


57° DIRECT SYMMETRIC

LH - 4000K

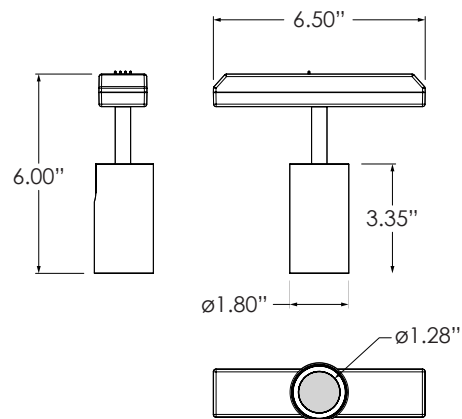
Lumens: 2678 lm
Input watts: 31.0 W
Efficacy: 86 lm/W

LH ———
LS - - - - -

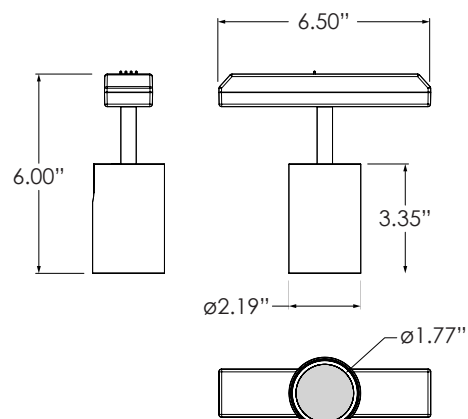


ALTA Dimensions

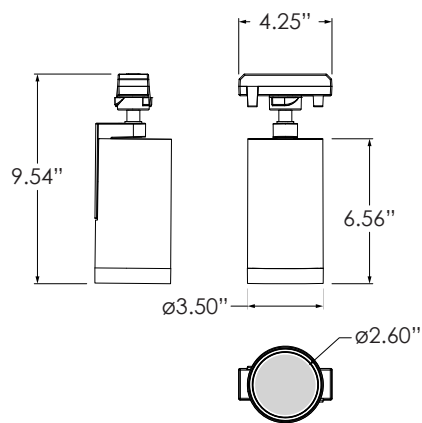
ALTA 45



ALTA 55



ALTA 65



Stride Performance

Optic	POSITION	DC LOAD	EFFICACY
SQ	Regular	11.1 W/ft	46 lm/W
	Dropped	11.1 W/ft	47 lm/W
RS	Regular	11.1 W/ft	57 lm/W
	Dropped	11.1 W/ft	58 lm/W

Based on static white 4000K. For the complete photometric data of this fixture go to Light loss factors table.



Light loss factors (LLF)

OUTPUT	CCT	CRI 80+ (STANDARD)				CRI 90+			
		SQ		RS		SQ		RS	
		Regular	Dropped	Regular	Dropped	Regular	Dropped	Regular	Dropped
LH (high)	4000K	529 lm/ft	545 lm/ft	650 lm/ft	669 lm/ft	467 lm/ft	481 lm/ft	574 lm/ft	591 lm/ft
	3500K	518 lm/ft	534 lm/ft	636 lm/ft	655 lm/ft	452 lm/ft	465 lm/ft	555 lm/ft	571 lm/ft
	3000K	498 lm/ft	513 lm/ft	612 lm/ft	630 lm/ft	427 lm/ft	440 lm/ft	525 lm/ft	540 lm/ft
	2700K	479 lm/ft	494 lm/ft	589 lm/ft	606 lm/ft	405 lm/ft	417 lm/ft	497 lm/ft	512 lm/ft

Stride Photometric Data

Distribution

Direct Symmetric

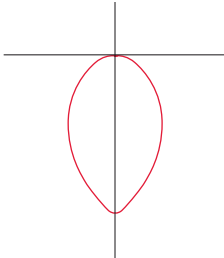
Output

LH High output 11.1W/ft

SQ Lens Photometric Data

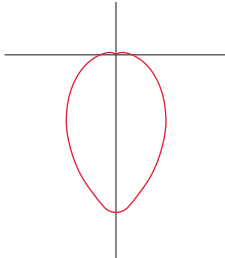
SQ DIRECT SYMMETRIC
LH - 4000K

Lumens: 529 lm/ft
Input watts: 11.1 W/ft
Efficacy: 46 lm/W



SQ DIRECT SYMMETRIC DROP LENS
LH - 4000K

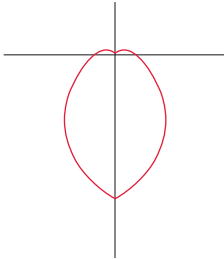
Lumens: 545 lm/ft
Input watts: 11.1 W/ft
Efficacy: 47 lm/W



RS Lens Photometric Data

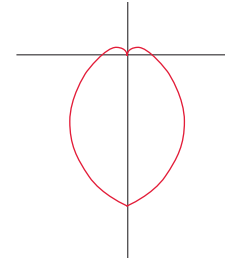
RS DIRECT SYMMETRIC
LH - 4000K

Lumens: 650 lm/ft
Input watts: 11.1 W/ft
Efficacy: 57 lm/W

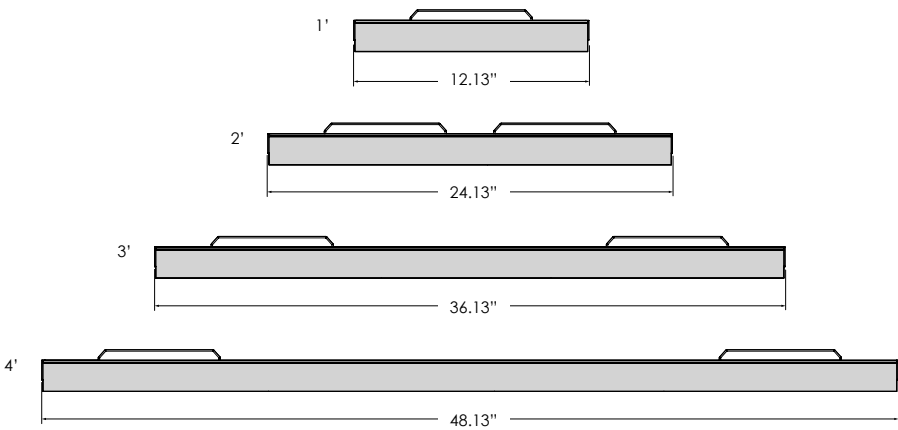
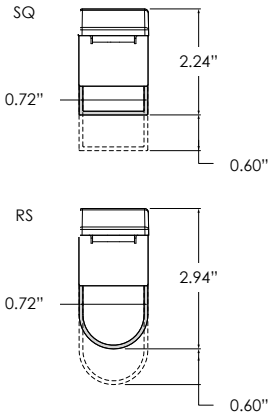


RS DIRECT SYMMETRIC DROP LENS
LH - 4000K

Lumens: 669 lm/ft
Input watts: 11.1 W/ft
Efficacy: 58 lm/W



Stride Dimensions



Pace Performance

Optic	OUTPUT	DC LOAD	EFFICACY
22°	LH	17.00 W	85 lm/W
	LS	10.00W	91 lm/W
55°	LH	17.00 W	67 lm/W
	LS	10.00 W	74 lm/W
HE TECH	LH	13.50 W	43 lm/W
	LS	7.00 W	48 lm/W

Based on static white 4000K. For the complete photometric data of this fixture go to Light loss factors table.



Baffled Optic
22 degrees



Baffled Optic
55 degrees



HE Tech™

Light loss factors (LLF)

OUTPUT	CCT	CRI 80+			CRI 90+		
		22°	55°	HE TECH	22°	55°	HE TECH
LH (high)	4000K	1,429 lm	1,174 lm	556 lm	1,163 lm	956 lm	491 lm
	3500K	1,367 lm	1,123 lm	544 lm	1,105 lm	908 lm	475 lm
	3000K	1,320 lm	1,085 lm	524 lm	1,053 lm	865 lm	449 lm
	2700K	1,297 lm	1,065 lm	504 lm	989 lm	813 lm	425 lm
LS (standard)	4000K	903 lm	735 lm	399 lm	735 lm	598 lm	352 lm
	3500K	864 lm	703 lm	391 lm	698 lm	568 lm	341 lm
	3000K	834 lm	679 lm	376 lm	665 lm	542 lm	322 lm
	2700K	819 lm	667 lm	361 lm	625 lm	509 lm	305 lm

Pace Photometric Data

Distribution

Direct Symmetric

Output

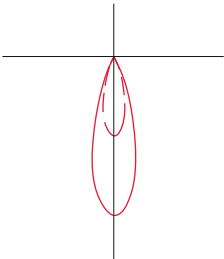
22°-55°
LH High output 17.0W
LS Standard output 10.0W/ft

HE Tech™
LH High output 13.5W/ft
LS Standard output 7.0W/ft

22° DIRECT ASYMMETRIC
LH - 4000K

Lumens: 1429 lm
Input watts: 17.0 W/ft
Efficacy: 85 lm/W

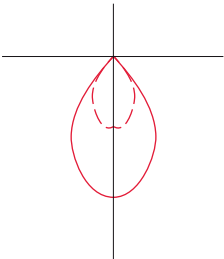
LH _____
LS - - - - -



55° DIRECT ASYMMETRIC
LH - 4000K

Lumens: 1174 lm/ft
Input watts: 17.0 W/ft
Efficacy: 67 lm/W

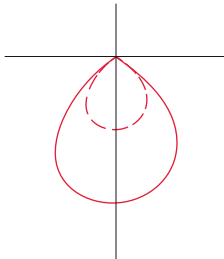
LH _____
LS - - - - -



HE TECH DIRECT ASYMMETRIC
LH - 4000K

Lumens: 556 lm/ft
Input watts: 13.5 W/ft
Efficacy: 43 lm/W

LH _____
LS - - - - -



Project name

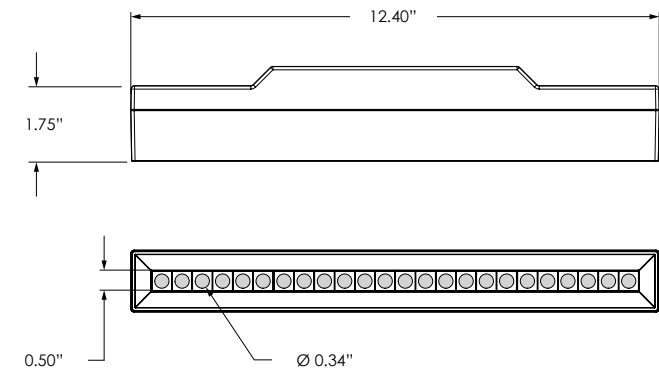
Type

Date

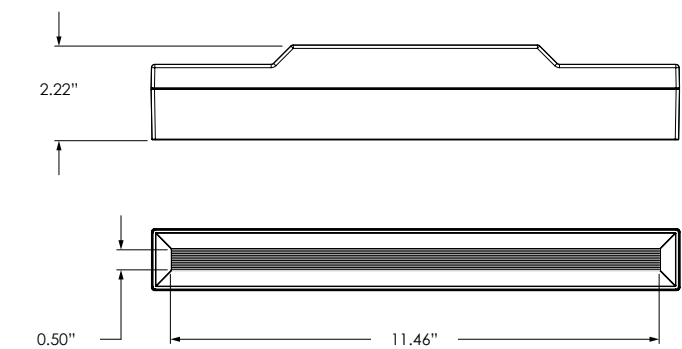
Quantities

Pace Dimensions

PACE 22°-55°



PACE HE



Pattern Typical Segment Breakdown

This section is to detail how each linear runs of your pattern will be divided in standard length segments.

To validate your runs and optimize your pattern and driver placements and configurations, please ask the factory for the detailed segment specsheets or contact our Design Assist team.

Run Length	Segments breakdown
2'- 4'- 6'- 8'	Single segment
10'	6' + 4'
12'	6' + 6'
14'	8' + 6'
16'	8' + 8'
18'	6' + 6' + 6'
20'	6' + 8' + 6'
22'	8' + 6' + 8'
24'	8' + 8' + 8'

Run Length	Segments breakdown
26'	8' + 4' + 6' + 8'
28'	8' + 6' + 6' + 8'
30'	8' + 6' + 8' + 8'
32'	8' + 8' + 8' + 8'
34'	8' + 8' + 4' + 6' + 8'
36'	8' + 8' + 4' + 8' + 8'
38'	8' + 8' + 6' + 8' + 8'
40'	8' + 8' + 8' + 8' + 8'
42'	8' + 8' + 4' + 6' + 8' + 8'
44'	8' + 8' + 6' + 6' + 8' + 8'
46'	8' + 8' + 8' + 6' + 8' + 8'
48'	8' + 8' + 8' + 8' + 8' + 8'
50'	8' + 8' + 8' + 4' + 6' + 8' + 8'
52'	8' + 8' + 8' + 6' + 6' + 8' + 8'
54'	8' + 8' + 8' + 8' + 6' + 8' + 8'
56'	8' + 8' + 8' + 8' + 8' + 8' + 8'
58'	8' + 8' + 8' + 4' + 6' + 8' + 8' + 8'

Run Length	Segments breakdown
60'	8' + 8' + 8' + 6' + 6' + 8' + 8' + 8'
62'	8' + 8' + 8' + 8' + 6' + 8' + 8' + 8'
64'	8' + 8' + 8' + 8' + 8' + 8' + 8' + 8'
66'	8' + 8' + 8' + 8' + 4' + 6' + 8' + 8' + 8'
68'	8' + 8' + 8' + 8' + 6' + 6' + 8' + 8' + 8'
70'	8' + 8' + 8' + 8' + 8' + 6' + 8' + 8' + 8'
72'	8' + 8' + 8' + 8' + 8' + 8' + 8' + 8' + 8'
74'	8' + 8' + 8' + 8' + 4' + 6' + 8' + 8' + 8' + 8'
76'	8' + 8' + 8' + 8' + 6' + 6' + 8' + 8' + 8' + 8'
78'	8' + 8' + 8' + 8' + 8' + 6' + 8' + 8' + 8' + 8'

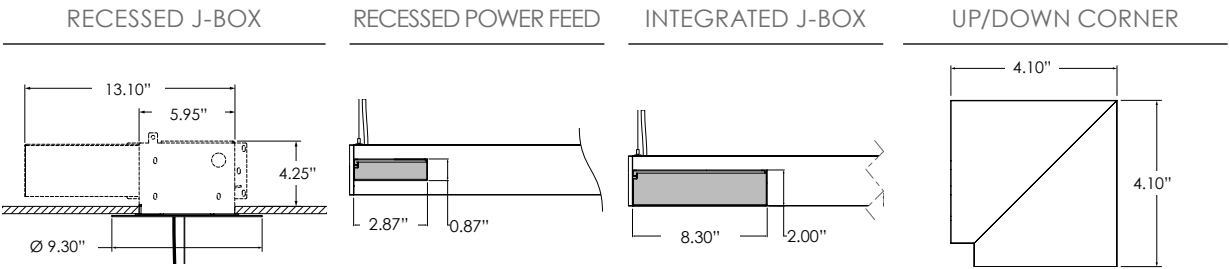
Available Space In Segments

This section is to detail how much space there is available in each segment for modules. To the right you will see the available space and the length each module occupies in the segment once installed.

Segment length	With integral power supplies (8.30")	With recessed power feed (3.87")
2' (24.00")	15.70"	20.13"
4' (48.00")	39.70"	44.13"
6' (72.00")	63.70"	68.13"
8' (96.00")	87.70"	92.13"

Module	Length occupied in segment
Alta 65	4.25"
Alta 45-55	6.50"
Pace 22-55-HE	12.40"
Stride 1'-2'-3'-4'	12.13" - 24.13" - 36.13" - 48.13"

Component Dimensions



Recessed j-box depth: 5.95"

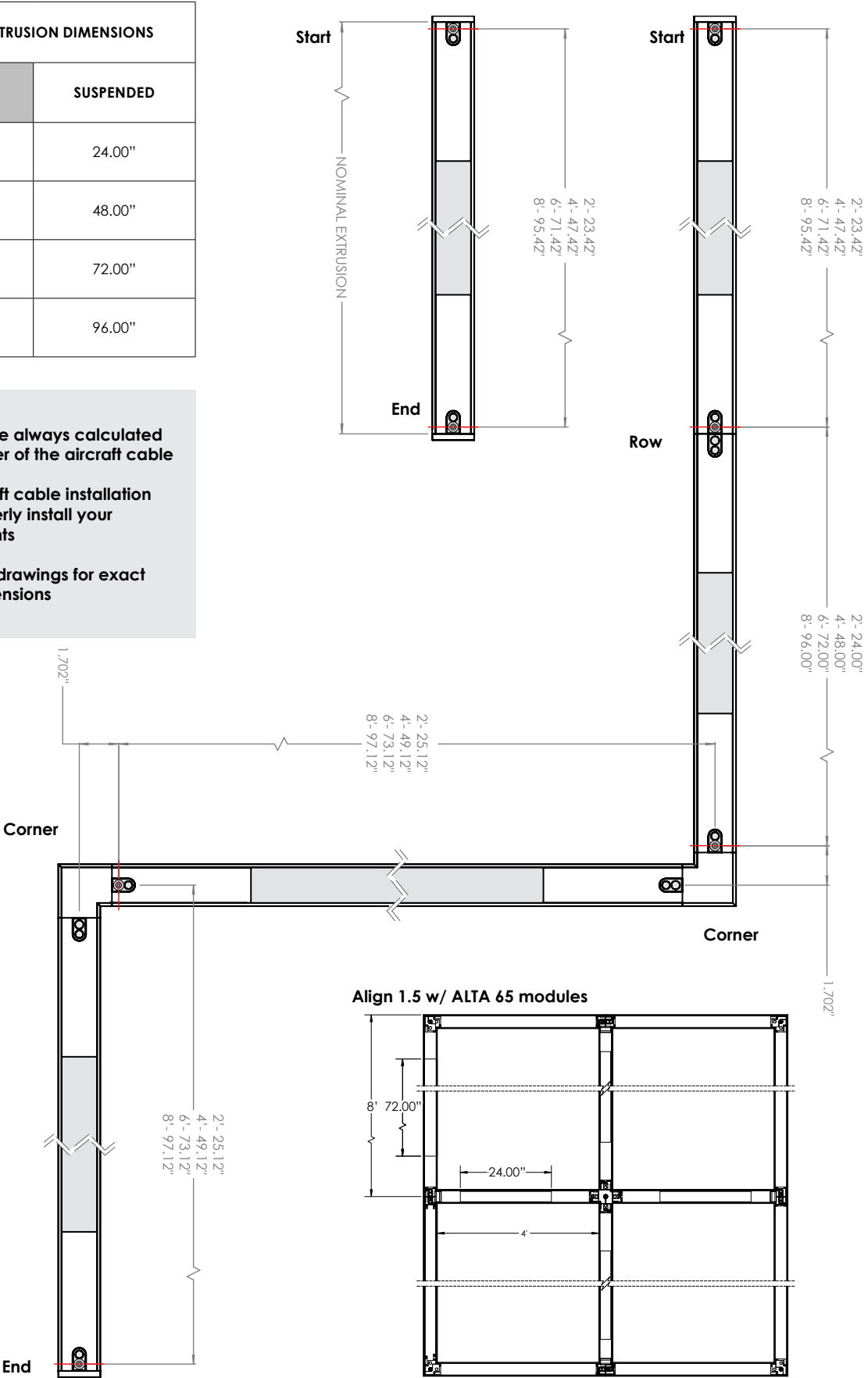
Patterns

NOMINAL EXTRUSION DIMENSIONS	
	SUSPENDED
NOMINAL 2'	24.00"
NOMINAL 4'	48.00"
NOMINAL 6'	72.00"
NOMINAL 8'	96.00"

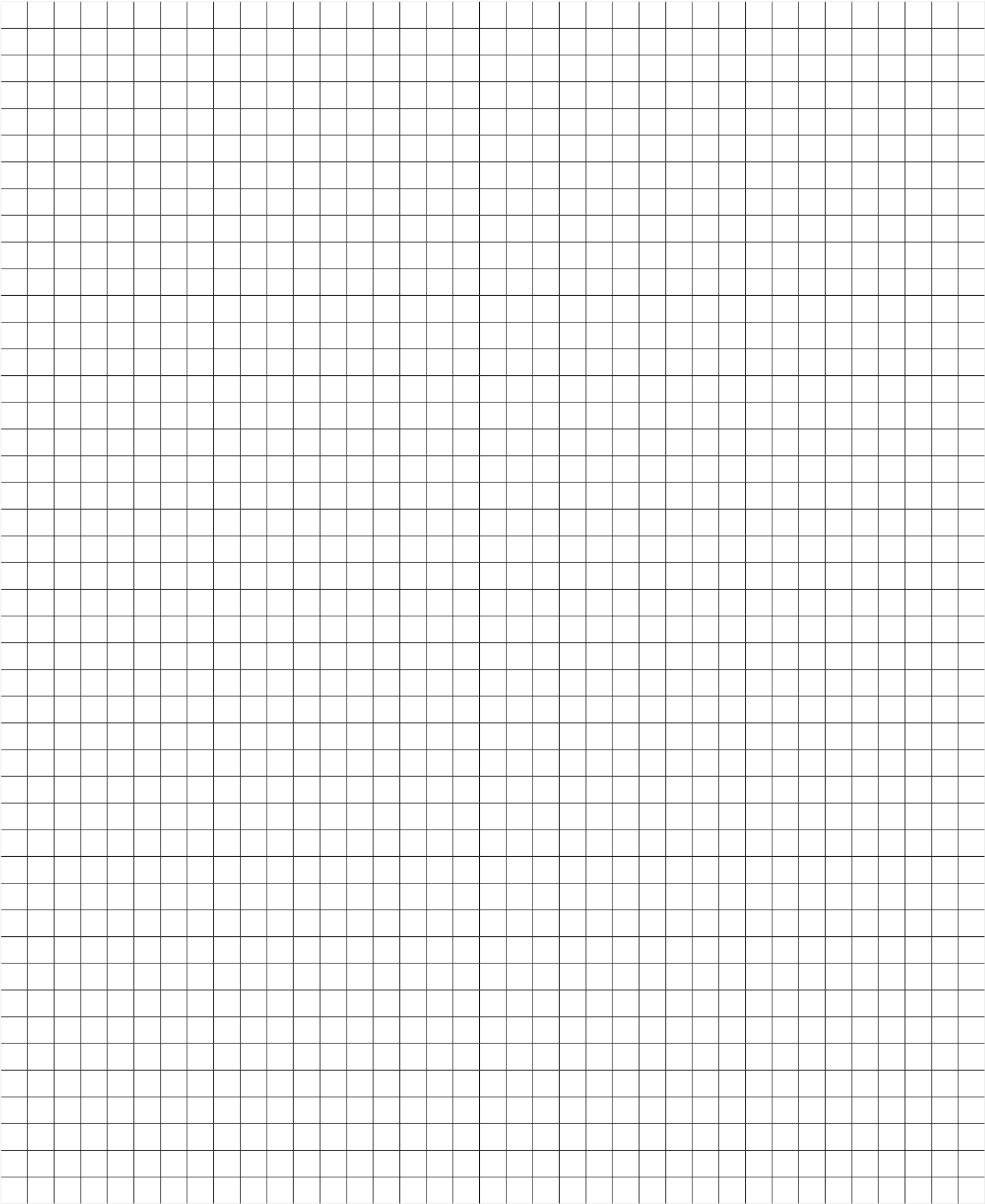
Dimensions are always calculated from the center of the aircraft cable

Refer to aircraft cable installation sheet to properly install your mounting points

Refer to shop drawings for exact segment dimensions



Pattern Sketch Grid



LINEAR DIMENSIONS

Align 3 - Nominal length in increments of 6 inches available as individual fixtures or joined to create continuous tracks (except for IX intersection type, where the minimum fixture length is 48 inches), minimum fixture length is 12 foot.

Alta 65 - Linear length of module is 4.25"

Alta 45-55 - Linear length of module is 6.50"

Pace - All pace modules are 12.40" long.

Stride - Stride is offered in 1', 2', 3' and 4' nominal length. Consult the factory for custom solutions.

OPTICS

Alta 65 - This Alta projector offers each beam angles Spot (15°), Narrow Flood (25°), Flood (42°) & Wide Flood (57°)

Alta 45-55 - Both Alta projectors offer one narrow and one wide beam angle.

Pace - Precise 0.5" baffled optics offer precise regressed lighting with a 22°,55° beam angle and A-light's proprietary HE Tech™ for a softer lambertian illumination.

Stride - Beautifully evenly diffused lens offered in 2 shapes, rounded and square, that can be dropped by half an inch on site without any tools.

LED LIGHT SOURCE

All LEDs in this system are Nichia® LED combined with a performance driven heat sink technology. Tested in accordance with LM79 and LM-80; L70>60,000hr; operated at reduced output for high efficacy and lumen maintenance. 3000K, 3500K, and 4000K with 80+ CRI standard; other color temperatures and 90+ CRI available upon request, contact factory. LED color variation maintained at a 3-step MacAdam ellipse (SDCM 3x). LEDs are available in Standard, and High outputs. Refer to photometry for delivered lumens.

LED DRIVER

Standard 48V constant voltage universal 120-277V electronic driver provide power to DC to DC drivers that control the individual light sources Max Driver life of 50,000 hrs with ambient operating temperature range of -20°C to 70°C, maximum case temperature of 90°C. Electrical specifications at maximum driver load: PF >0.90, THD <2.0%, 92% Efficiency. If the maximum load of 96W on a single driver is exceeded, performance issues might occur. If you have questions, contact our Design Assist team.

DIMMING CONTROLS

0-10V - The DC to DC drivers in each direct modules and indirect segment provide standard 0-10V dimming. Each Direct module can be individually tuned to set max output using graded potentiometer on top of fixtures.

MOUNTING

Pendant - Suspension with aircraft cables. Aircraft cable set includes 48" standard length 1/16" stainless steel adjustable aircraft cables with secure micro grippers to field set suspension length, comes factory installed in fixture. 4-1/2" x 4-1/2" square white canopies. Cord strain also included.

Surface - Die-cast mounting blocks are used to provide a firm and flexible mounting option in any orientation the system might be installed in.

FINISH

Electrostatically applied powder coat finish. Standard finish options include white and black, except on the Pace modules which is only available in black.

LISTING

UL/CUL rated for Damp Locations. Tested in accordance with UL 1598 and certified to CEC/CSA C22.1, NEC, ANSI/NFPA 70, and NOM-001-SEDE.

The ALG3 is assembled in the U.S.A. and complies with the Buy America(n) Act (BAA) government procurement requirements under FAR, DFARS, and DOT.

WARRANTY

Limited defect-free manufactured equipment warranty provided under normal use and proper storage for a period of one (1) year. LED products (LED boards and drivers) will be covered for a period of five (5) years. Please refer to full terms and conditions on our website : www.alights.com/downloads/warranty/