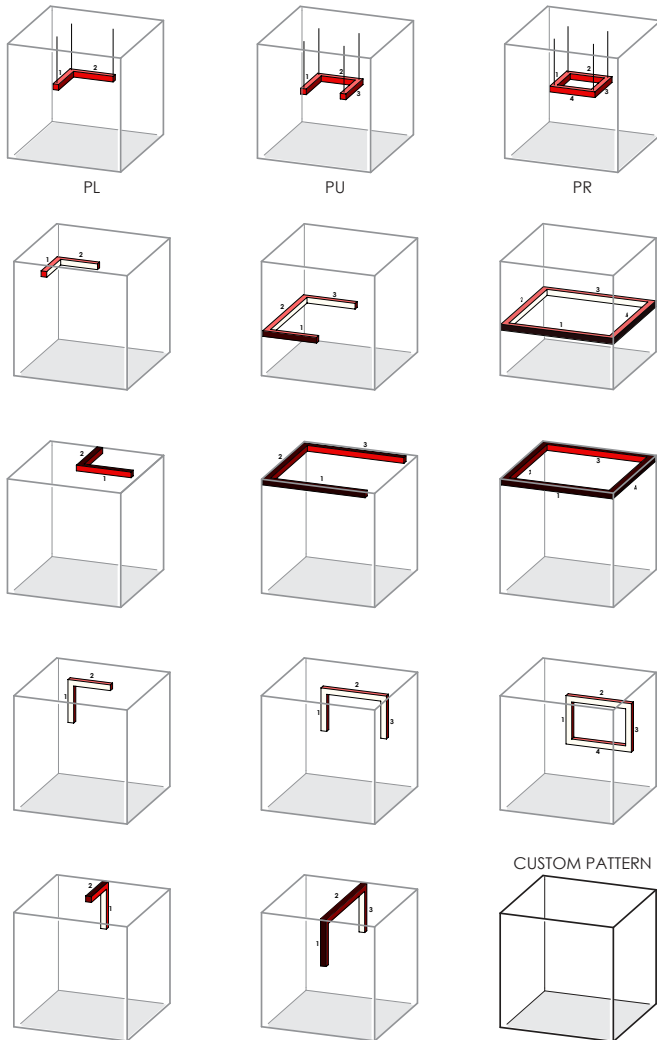




CONFIGURATIONS



ALG3

Magnetic Track System / DIRECT

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

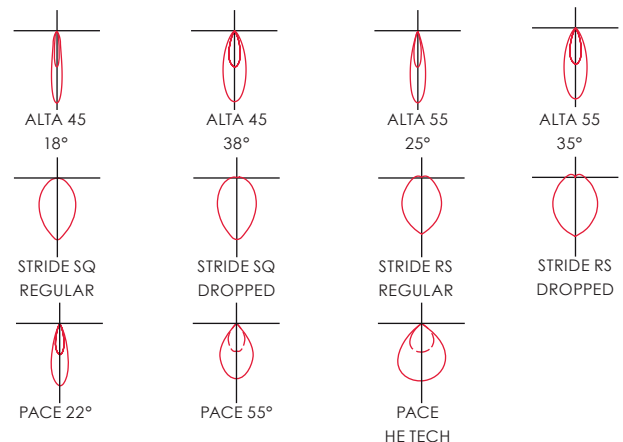
¹ALTA 65 is a non magnetic module.

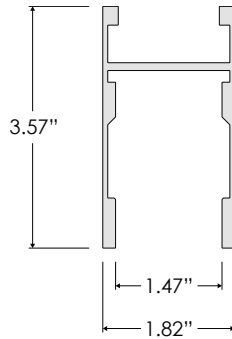
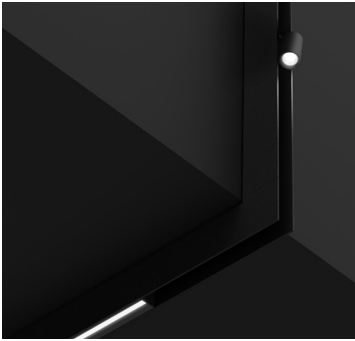
PERFORMANCE

OUTPUT	DISTRIBUTION	NOMINAL LUMEN OUTPUT	INPUT WATT	EFFICACY
	ALTA 45 - 18°	1,141 lm	13.5 W	85 lm/W
	ALTA 45 - 38°	1,083 lm	13.5 W	80 lm/W
	ALTA 55 - 25°	1,394 lm	18.5 W	75 lm/W
	ALTA 55 - 35°	1,298 lm	18.5 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
	ALTA 45 - 18°	570 lm	6.5 W	88 lm/W
	ALTA 45 - 38°	936 lm	6.5 W	144 lm/W
	ALTA 55 - 25°	871 lm	10.5 W	83 lm/W
	ALTA 55 - 35°	857 lm	10.5 W	82 lm/W
	ALTA 65 - 15°	2200 lm	24.0 W	93 lm/W
	ALTA 65 - 25°	2194 lm	24.0 W	92 lm/W
	ALTA 65 - 42°	2137 lm	24.0 W	90 lm/W
	ALTA 65 - 57°	2146 lm	24.0 W	90 lm/W
	PACE 22°	864 lm	10 W	86 lm/W
	PACE 55°	703 lm	10 W	70 lm/W
	PACE HE TECH	391 lm	7 W	56 lm/W

Based on static white 3500K. For the complete photometric data of this fixture go to page 7.

LENS OPTIONS





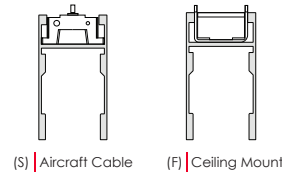
PROJECT INFORMATION

Project Info	Date
Type	Quantity
Ordering code	
ALG3	



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 talented Design Assist team is here to make the process move smoothly.



ALG3					
SERIES	POWER SOURCE	LENGTH OR PATTERN TYPE	INTERSECTION TYPE	VOLTAGE	MOUNTING
ALG3	RJ Recessed J-box with cover plate IJ Profile Integrated J-box	_ Nominal Length Straight* PL "L" Shape** PU "U" Shape** PR Rectangle / Square** CP Custom Pattern**** <small>*Specify in feet to the nearest inch (i.e. 6) **Specify in inches to the nearest inch (i.e. 6.5) ****Contact Design Assist</small>	IT "T" Intersection IX "X" Intersection	U Universal 120-277V	S Aircraft cable F Surface mount <small>*Standard 48" field adjustable cable, specify length to nearest inch if over 48"</small>

EXTERIOR FINISH*	DIRECT DIMMING	ALTA 45 MODULES	ALTA 55 MODULES
B Black W White	D Standard 0-10V* <small>*1% Dimming standard unless otherwise specified</small>	A41SB_ ALTA 45 18° LS Black A43SB_ ALTA 45 38° LS Black A41HB_ ALTA 45 18° LH Black A43HB_ ALTA 45 38° LH Black <small>*Specify quantity (i.e. A41S6) **Specify multiple modules if needed ***Go to module page for photometric data</small>	A52SB_ ALTA 55 25° LS Black A53SB_ ALTA 55 35° LS Black A52HB_ ALTA 55 25° LH Black A53HB_ ALTA 55 35° LH Black A52SW_ ALTA 55 25° LS White A53SW_ ALTA 55 35° LS White A52HW_ ALTA 55 25° LH White A53HW_ ALTA 55 35° LH White <small>*Specify quantity (i.e. A52S3) **Specify multiple modules if needed ***Go to module page for photometric data</small>

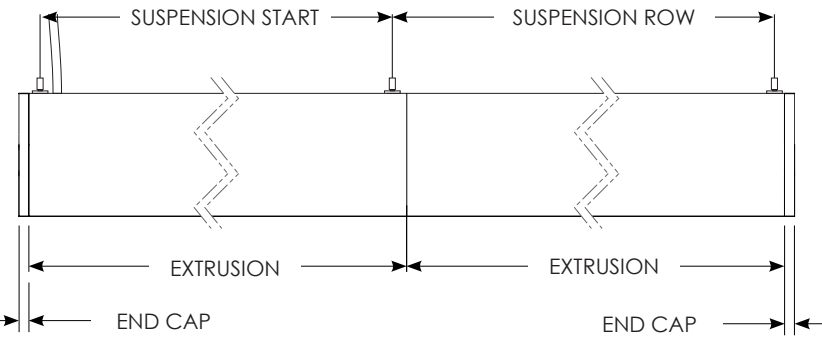
ALTA 65 MODULES	PACE MODULES¹	STRIDE MODULES	DIRECT CCT	LED CRI
A61SB_ ALTA 65 15° LS Black* A62SB_ ALTA 65 25° LS Black* A64SB_ ALTA 65 42° LS Black* A65SB_ ALTA 65 57° LS Black* A61HB_ ALTA 65 15° LH Black* A62HB_ ALTA 65 25° LH Black* A64HB_ ALTA 65 42° LH Black* A65HB_ ALTA 65 57° LH Black* <small>*Specify quantity (i.e. A41S6). Specify multiple modules if needed. Go to module page for photometric data</small>	A61SW_ ALTA 65 15° LS White* A62SW_ ALTA 65 25° LS White* A64SW_ ALTA 65 42° LS White* A65SW_ ALTA 65 57° LS White* A61HW_ ALTA 65 15° LH White* A62HW_ ALTA 65 25° LH White* A64HW_ ALTA 65 42° LH White* A65HW_ ALTA 65 57° LH White* <small>¹All Pace modules only available in Black finish. *Specify quantity (i.e. PHH3) **Specify multiple modules if needed ***Go to module page for photometric data</small>	P2S_ PACE 22° LS P2H_ PACE 22° LH P5S_ PACE 55° LS P5H_ PACE 55° LH PHS_ PACE HE LS PHH_ PACE HE LH <small>*Specify quantity and finish. W for White and B for Black. (i.e. SS3B, SR4BW) *Specify multiple modules if needed *For 0-10V dimming Strides, output can be adjusted with potentiometer on top of module.</small>	SR1_ STRIDE ROUNDED LENS 1** SR2_ STRIDE ROUNDED LENS 2** SR3_ STRIDE ROUNDED LENS 3** SR4_ STRIDE ROUNDED LENS 4** SS1_ STRIDE SQUARED LENS 1** SS2_ STRIDE SQUARED LENS 2** SS3_ STRIDE SQUARED LENS 3** SS4_ STRIDE SQUARED LENS 4**	27 2700K 30 3000K 35 3500K 40 4000K <small>Standard offering is 80+ CRI.</small>

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

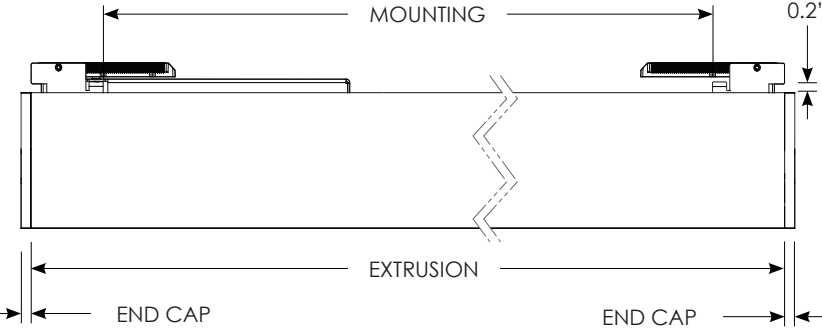
the field and requires minimal intervention on the installation environment.

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	47.40"	46.65"
	SUSPENSION ROW	48.00"	47.25"
	EXTRUSION	48.00"	48.00"
NOMINAL 6'	SUSPENSION START	71.40"	70.65"
	SUSPENSION ROW	72.00"	71.25"
	EXTRUSION	72.00"	72.00"
NOMINAL 8'	SUSPENSION START	95.40"	94.65"
	SUSPENSION ROW	96.00"	95.25"
	EXTRUSION	96.00"	96.00"
END CAP		0.30"	

For more information on mounting lengths, go to the surface and/or aircraft mounting length segment.

MAXIMUM MODULE QTY. PER DRIVER

Maximum quantity of modules per driver are calculated by dividing the maximum DC load (100W) 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: $100W \div 13.5W = 7$ 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



ALTA 45



ALTA 55



ALTA 65

PERFORMANCE AT 4000K

Optic	Output	DC Load	Efficacy
18°	LH	13.3W	85 lm/W
	LS	6.4W	90 lm/W
35°	LH	13.3W	85 lm/W
	LS	6.4W	90 lm/W

Optic	Output	DC Load	Efficacy
18°	LH	18.2W	77 lm/W
	LS	10.5W	86 lm/W
35°	LH	18.2W	75 lm/W
	LS	10.5W	82 lm/W

Optic	Output	DC Load	Efficacy
15°	LH	31.0W	89 lm/W
	LS	24.0W	93 lm/W
25°	LH	31.0W	87 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

LIGHT LOSS FACTOR (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

LIGHT DISTRIBUTION

DISTRIBUTION

Direct Symmetric

OUTPUT

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

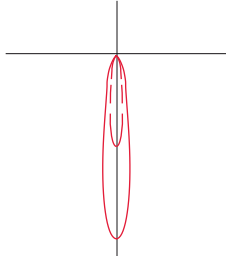
ALTA 55
LH High output 18.2W
LS Standard output 10.5W

ALTA 45 PHOTOMETRIC DATA

18° DIRECT SYMMETRIC
LH - 4000K

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

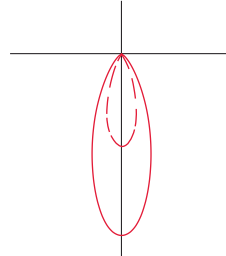
LH ———
LS - - - - -



38° DIRECT SYMMETRIC
LH - 4000K

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

LH ———
LS - - - - -

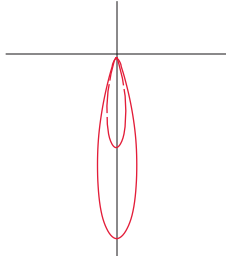


ALTA 55 PHOTOMETRIC DATA

25° DIRECT SYMMETRIC
LH - 4000K

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

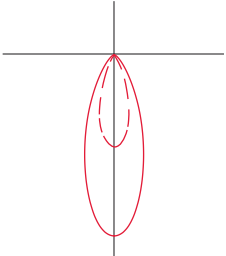
LH ———
LS - - - - -



35° DIRECT SYMMETRIC
LH - 4000K

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

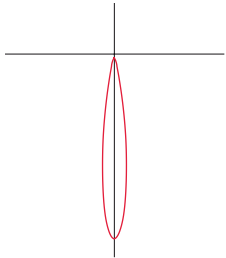
LH ———
LS - - - - -



ALTA 65 PHOTOMETRIC DATA

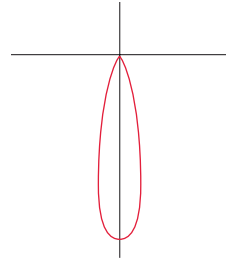
15° DIRECT SYMMETRIC
LH - 4000K

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



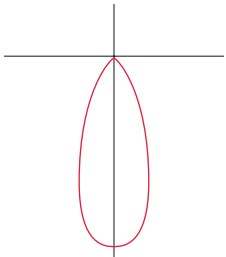
25° DIRECT SYMMETRIC
LH - 4000K

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



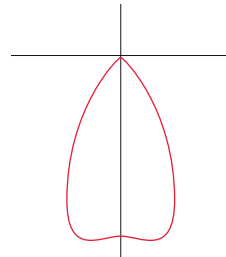
42° DIRECT SYMMETRIC
LH - 4000K

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



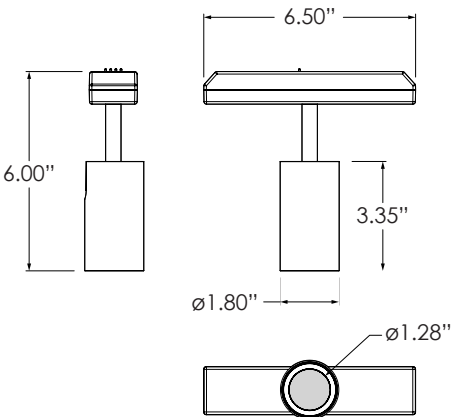
57° DIRECT SYMMETRIC
LH - 4000K

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

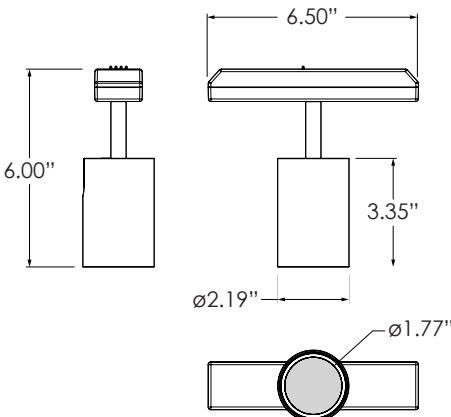


MODULE DIMENSIONS

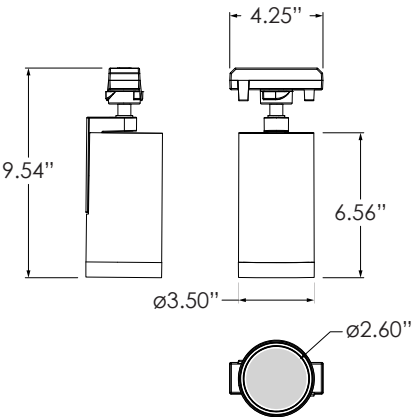
ALTA 45



ALTA 55



ALTA 45





STRIDE SQ



STRIDE RS

PERFORMANCE AT 4000K

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

LIGHT LOSS FACTOR (LLF)

OUTPUT	CCT	CRI 80+				CRI 90+			
		SQ		RS		SQ		RS	
		REGULAR	DROPPED	REGULAR	DROPPED	REGULAR	DROPPED	REGULAR	DROPPED
LH <small>(high)</small>	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

LIGHT DISTRIBUTION

DISTRIBUTION

Direct Symmetric

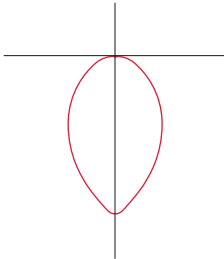
OUTPUT

LH High output 11.1W/ft

SQ LENS PHOTOMETRIC DATA

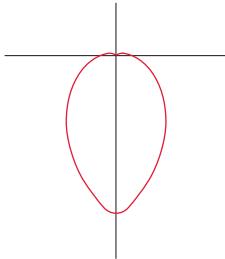
SQ DIRECT SYMMETRIC
LH - 4000K

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



SQ DIRECT SYMMETRIC DROP LENS
LH - 4000K

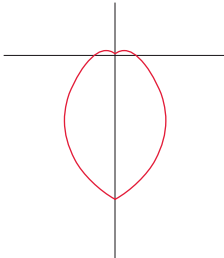
Lumens: 545 lm/ft
Input watts: 11.1 W/ft
Efficacy: 47 lm/W



RS LENS PHOTOMETRIC DATA

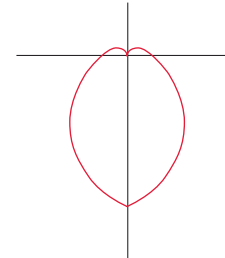
RS DIRECT SYMMETRIC
LH - 4000K

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



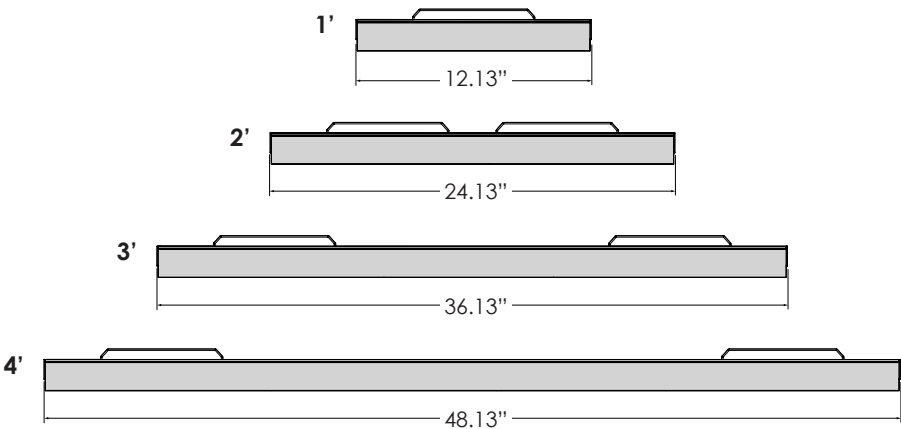
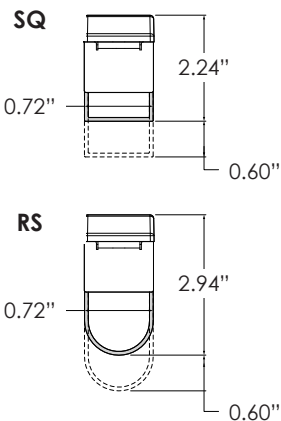
RS DIRECT SYMMETRIC DROP LENS
LH - 4000K

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



MODULE DIMENSIONS

STRIDE





Baffled Optic
22 degrees



Baffled Optic
55 degrees



HE Tech™

PERFORMANCE AT 4000K

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

LIGHT LOSS FACTOR (LLF)

OUTPUT	CCT	CRI 80+			CRI 90+		
		22°	55°	HE TECH	22°	55°	HE TECH
LH <small>(high)</small>	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 <small>(standard)</small>	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

LIGHT DISTRIBUTION

DISTRIBUTION

Direct Symmetric

OUTPUT

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

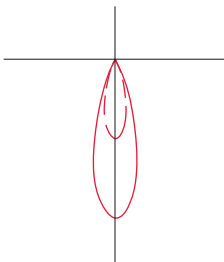
HE Tech™
LH High output 13.5W/ft
LS Standard output 7.0W/ft

PHOTOMETRIC DATA

22° DIRECT ASYMMETRIC
LH - 4000K

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

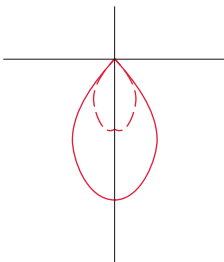
LH ———
LS - - - - -



55° DIRECT ASYMMETRIC
LH - 4000K

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

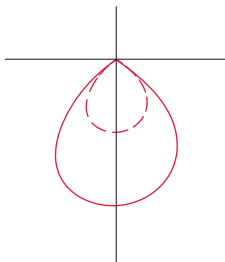
LH ———
LS - - - - -



HE TECH DIRECT ASYMMETRIC
LH - 4000K

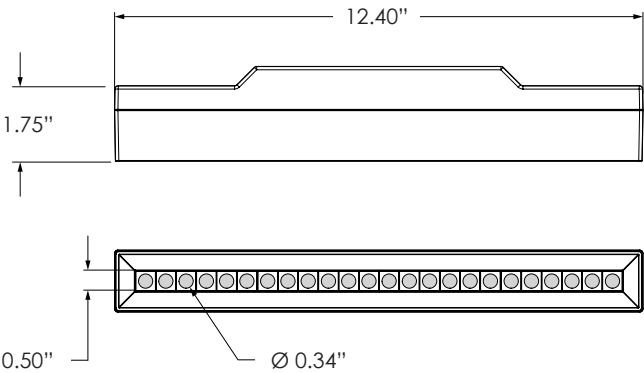
Lumens: 556 lm/ft
Input watts: 13.5 W/ft
Efficacy: 43 lm/W

LH ———
LS - - - - -

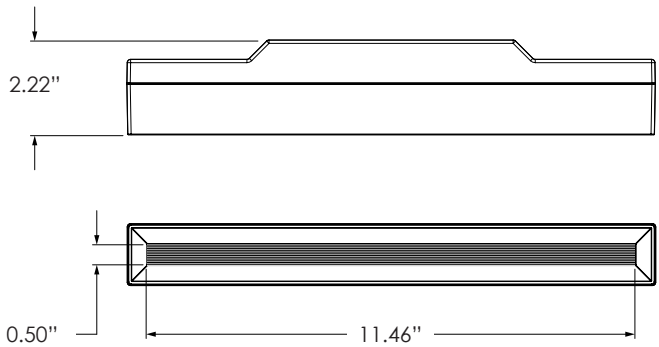


MODULE DIMENSIONS

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

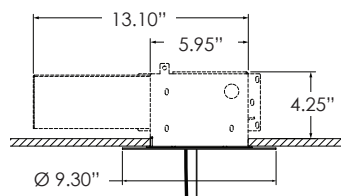
This section is to detail how much space there is available in each segment for modules. To the right you will see the available space and the length each module occupies in the segment once installed.

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"

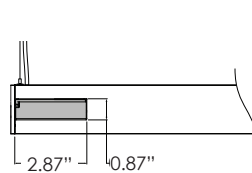
COMPONENT DIMENSIONS

RECESSED J-BOX

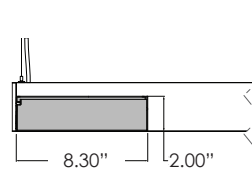


Recessed j-box depth: 5.95"

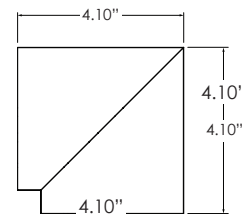
RECESSED POWER FEED

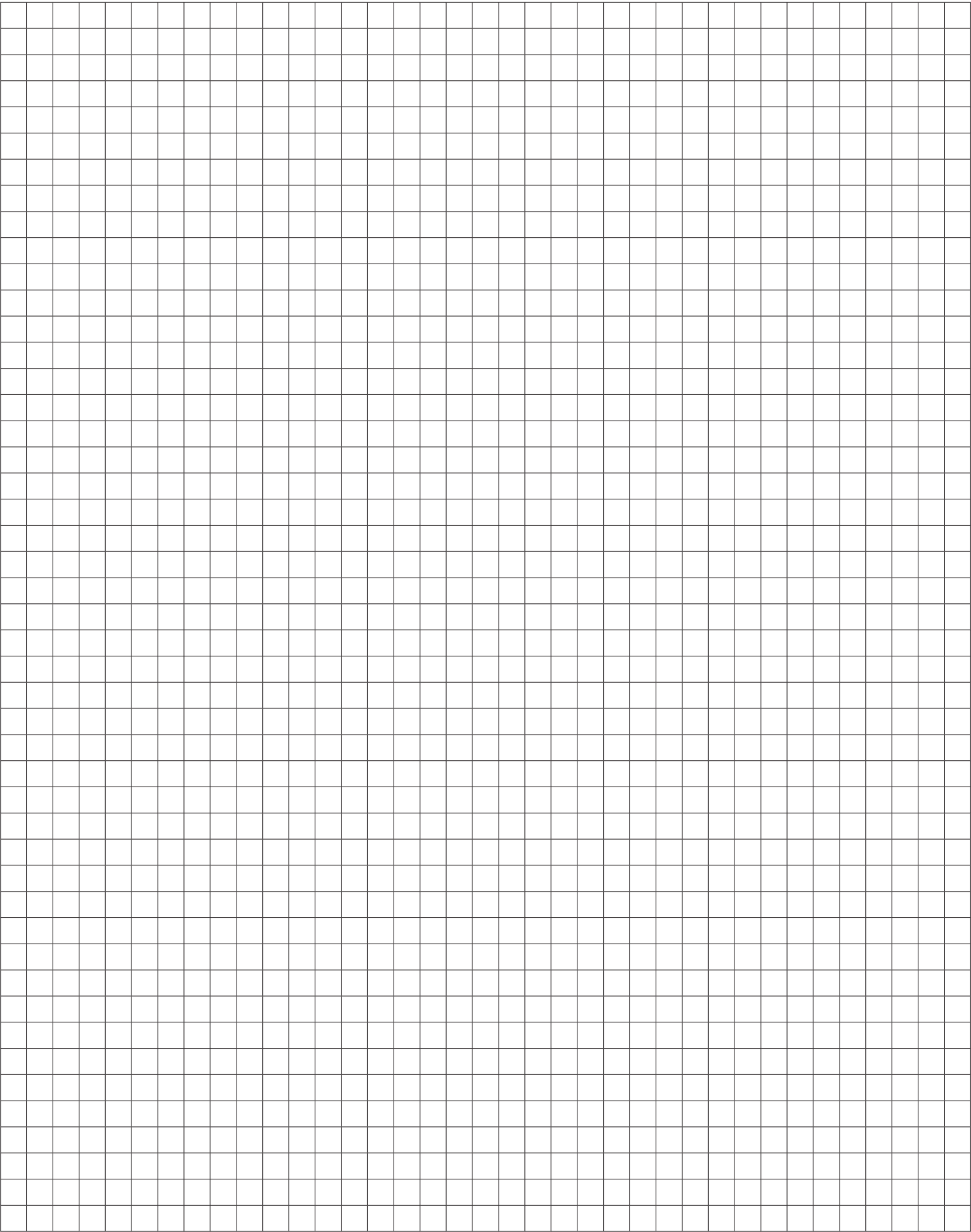


INTEGRATED J-BOX



UP/DOWN CORNER



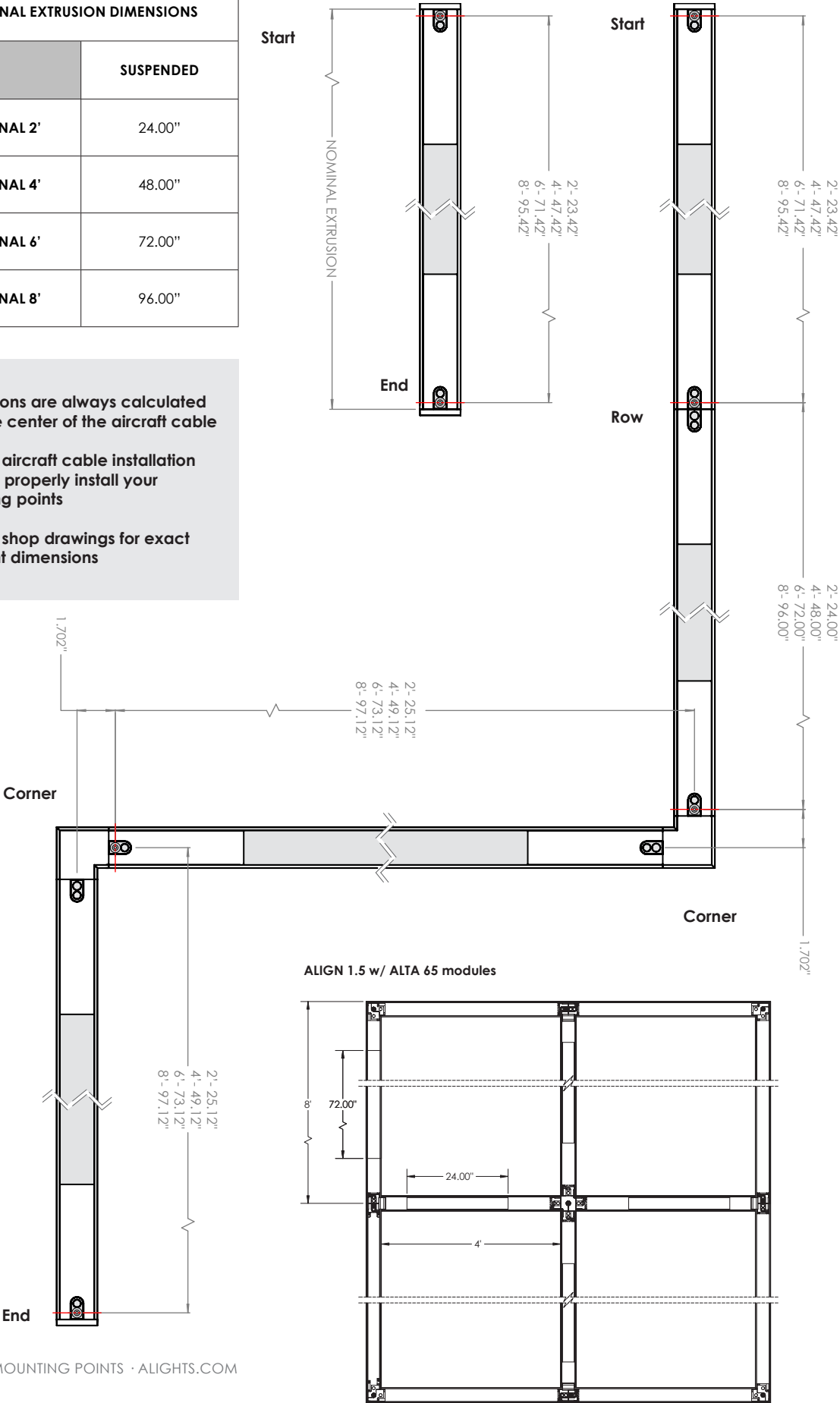


NOMINAL EXTRUSION DIMENSIONS	
	SUSPENDED
NOMINAL 2'	24.00"
NOMINAL 4'	48.00"
NOMINAL 6'	72.00"
NOMINAL 8'	96.00"

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



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 inches.

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 100W 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.

STRUCTURE

Robust, high quality 60% recycled aluminum extruded housing. 0.040" thick aluminum internal gear trays. Flat or flanged aluminum end caps. Aluminum joiner brackets. 4 lbs/ft approximate fixture weight.

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.

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.