



ALTA 45

ALGALT							
SERIES	DIAMETER	OUTPUT	LED CCT	OPTICS	FINISH	DIMMING	OPTIONS
ALGALT	45 45MM	LS Standard output LH High output	30 3000K 35 3500K 40 4000K	18 18° 38 38° <small>*For other optical options consult factory</small>	B Black	D 0-10V D4 Wireless Casambi NA nLight air NW nLight wired	CRI 90+  <small>*Standard offering is 80+ CRI</small>



ALTA 55

ALGALT							
SERIES	DIAMETER	OUTPUT	LED CCT	OPTICS	FINISH	DIMMING	OPTIONS
ALGALT	55 55 MM	LS Standard output LH High output	30 3000K 35 3500K 40 4000K	25 25° 35 35°	B Black	D 0-10V D4 Wireless Casambi NA nLight air NW nLight wired	CRI 90+  <small>*Standard offering is 80+ CRI</small>

PERFORMANCE AT 4000K

LIGHT LOSS FACTORS\*

SIZE	OPTIC	OUTPUT	DEL. LM	DC LOAD	EFFICACY	SIZE	OPTIC	OUTPUT	DEL. LM	DC LOAD	EFFICACY	CRI	CCT	FACTOR
ALT 45	18°	LH	1,153 lm	13.3W	85 lm/W	ALT 55	25°	LH	1,408 lm	18.2W	77 lm/W	80+	4000K	Baseline
		LS	576 lm	6.4W	90 lm/W			LS	880 lm	10.2W	86 lm/W	80+	3500K	99%
	38°	LH	1,094 lm	13.3W	84 lm/W		35°	LH	1,342 lm	18.2W	75 lm/W	80+	3000K	95%
		LS	576 lm	6.4W	90 lm/W			LS	866 lm	10.5W	82 lm/W	90+	4000K	83%
												90+	3500K	83%
												90+	3000K	84%

\*Factors above for high output (LH).

MAXIMUM MODULES PER DRIVER

MAGNETIC SYSTEM	LIGHT SOURCES									
ALG	PACE (22°-55°)		PACE HE TECH		ALTA 45		ALTA 55		STRIDE (SQ-RN)	
MAXIMUM DC LOAD 100W (PER DRIVER)	LH 17.0W LS 10.0W	LH 13.0W LS 7.0W	LH 13.5W LS 6.5W	LH 18.5W LS 10.5 W	LH 11W/FT					

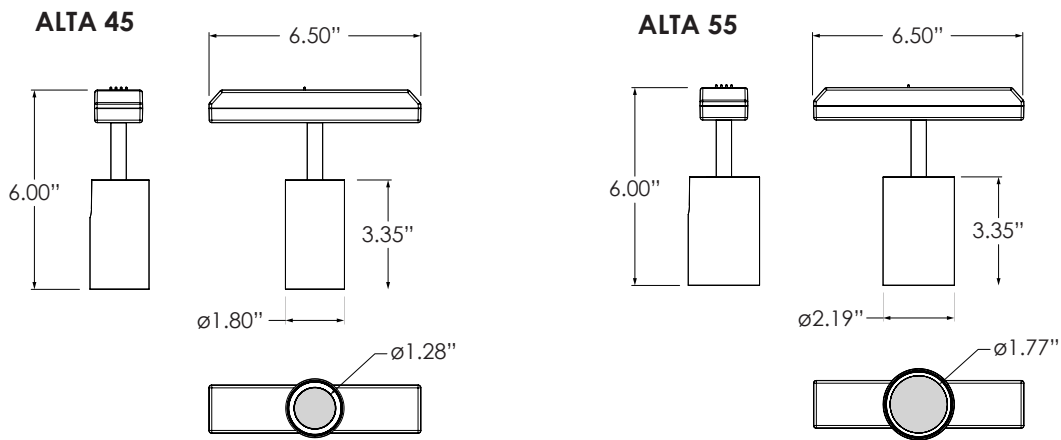
Here is how you determine if and when you need an extra power source :

1. The total DC load (W) of installed light sources exceeds 100W.

2. The total length of indirect lighting exceeds 24'

If your system exceeds either of these conditions (100W or 24'), an additional power source must be added in a M 'mid segment'.

MODULE DIMENSIONS



LIGHT DISTRIBUTION

DISTRIBUTION

Direct Symmetric

OUTPUT

ALTA 45  
LH High output 13.2W  
LS Standard output 6.4W

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

LIGHT LOSS FACTORS (LLF)

CRI	CCT	FACTOR
80+	4000K	Baseline
80+	3500K	99%
80+	3000K	95%
90+	4000K	83%
90+	3500K	83%
90+	3000K	84%

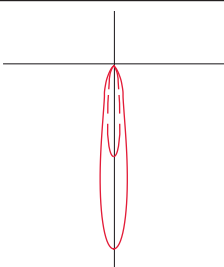
Factors above for high output (LH).

ALT 45 PHOTOMETRIC DATA

18° DIRECT SYMMETRIC  
LH - 4000K

Lumens: 1135 lm  
Input watts: 13.2 W  
Efficacy: 85 lm/W

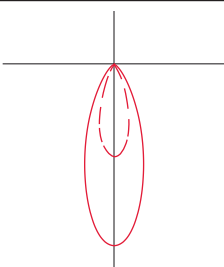
LH ———  
LS - - - - -



38° DIRECT SYMMETRIC  
LH - 4000K

Lumens: 1094 lm  
Input watts: 13.2 W  
Efficacy: 85 lm/W

LH ———  
LS - - - - -

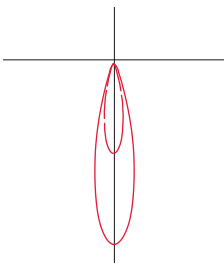


ALT 55 PHOTOMETRIC DATA

25° DIRECT SYMMETRIC  
LH - 4000K

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

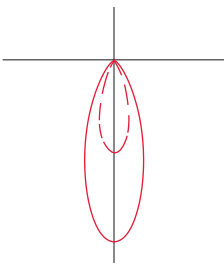
LH ———  
LS - - - - -



35° DIRECT SYMMETRIC  
LH - 4000K

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

LH ———  
LS - - - - -



## LINEAR DIMENSIONS

**Align 2** - Nominal length available as individual fixtures or joined to create continuous row length, minimum fixture length is 12 inches.

**Align 3** - Nominal length to the nearest inch available as individual fixtures or joined to create continuous row length, minimum fixture length is 12 inches.

**Align 5** - Nominal length to the nearest inch available as individual fixtures or joined to create continuous row length, minimum fixture length is 12 inches.

**Alta** - 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** - Both Alta projectors offer 1 narrow and 1 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.

**Indirect** - Diffuse dust cover for a wide lambertian distribution.

## 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.

## 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.

**Wireless Casambi** - Each module and indirect segment can be ordered Casambi ready. Any bluetooth enabled iOS or Android smartphone with the free Casambi app can control the dimming of one or multiple light sources wirelessly.

**nLight® AIR** - A simplified wireless lighting control solution that give users the ability to regulate devices on any handheld device. Using the CLARITY APP, you can pair and group devices as well as customize sensor settings.

**nLight® WIRED** - A collection of lighting control solutions that function wired together to adapt to a space's lighting. With a collection of sensors and switches it is possible to adapt fixtures to any environment

## EMERGENCY

This luminaire is provided with a LED emergency lighting battery pack for both normal and emergency operation, 120-277v only. This emergency pack contains long-life Ni-Cad recyclable battery, 24 hour charger, and converter circuit. Test switch and charge indicator provided. Test button to be remote located within 3 feet of the luminaire, by others in accordance with local code. Emergency mode provides constant power to a nominal 10W LED load for a period of 90 minutes. Please consult the factory for emergency configuration assistance. Our talented Design Assist team is always available for collaboration and specification support. Only segments with integral drivers can be emergency wired.

## MOUNTING

**For T-bar** - rest lower fixture flange on top side of t-bar ceiling system and secure to structure with tie wires.

**Gyp** - lower fixture flange is attached to gyp ceiling and blocking (by others), then mudded over and/or painted by installing contractor.

**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. Other colors and custom finish options available, specify RAL# or contact factory regarding custom finish requirement.

## 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.