




Introducing
the most powerful track based LED product
line available in North America today.
The *Alpha II₂* line was designed specifically
for the challenges of supermarket lighting
and marks a leap forward in LED fixture technology.

Applications	Supermarket lighting including fresh food and other retail display applications. With so many array and reflector options, the Alpha H ₂ LED is a fit for virtually any market area	Fixture/Engine	AH2 – 50, 73 or 95 watt luminaire designed for Bridgelux Vero Arrays The AH1 utilizes the Bridgelux RS and Decor (H) arrays
Material	Aluminum and steel	Model	P - Pendant H – Pendant form but suspended from stem T - Track not cord and cable R - Recessed
Warranty	7 year LED	LED Array	Please consult the Array Selection Guide on Page 2 for full selection Example: 27G90 for 95w, 27G70 for 73w
Service	Our unique component driven design allows for ease of service and interchanging of reflectors and LED arrays for future upgrades	Reflector Type	SQ30 - Square Spot 30° SQFL - Square Flood 45° BRBM - Broadbeam 30°x60°
Operating Technology	Class 2 driver with short circuit, over current, over voltage, over load and over temperature protections Eliminates concerns typical with other LED luminaires	Means of Attachment/ Mounting	TRACK EU1 - Eutrac 2 cir/2 neut 120 V EU2 - Eutrac 2 cir/2 neut 277 V P1 - HALO 120v Pendant Track Only P2 - JUNO 120v Pendant Track Only P3 - GLOBAL 120 P4 - GLOBAL 277 BOX MOUNTING P5 - Box Mount for Pendant 120v - 277v
Cooling	Active cooling for robust thermal protection that exceeds passive cooling options	RECESSED	R - Recessed 120 or 277v
Reflector Technology	Unlike other track based LEDs with simple circular spots, our reflectors are engineered to efficiently match the actual shape of your displays with the added benefit of superior glare control.	Dimming Option	D - (0-10Vdc)- Dimming compatible
Connection Voltage	120 or 277 VAC* ~ 50/60 Hz * For Track Mounting, specify by Means of Attachment. Recessed or Box Mount 120 and/or 277 VAC	Track Adapter Color	B – Black W – White S – Silver
Weight	7.65 lbs (3.46 kg)	Fixture Finish	White, Black, (Standard) Silver, RAL # # # # – Any RAL Color Additional Charge May Apply
		Mark of Conformity	
		Sample Part # for Fixture shown above:	AH2-P-30G70-BRBM-EU1-W-WHITE

Fixture	Engine	Model	LED Array			Reflector	Mounting	Dimming	Adapter Color	Finish
			95 w	73w	50w					
AH	2	P	27H90 *	27H70*	27H50*	SQ30	EU1	D	B	WHITE
		T	27G90	27G70	27G50	SQFL	EU2		W	BLACK
		R	27E90	27E70	27E50	BRBM	P1		S	SILVER
		H	30H90*	30H70*	30H50*		P2			
			30G90	30G70	30G50		P3			RALXXXX
			30E90	30E70	30E50		P4			
			35E90	35E70	35E50		P5			
			40E90	40E75	40E50		R			
			50C90	50C70	50C50					
			56C90	56C70	56C50					
			3 step MacAdam standard except for 50C53 and 56C53.							

Alpha H2 LED

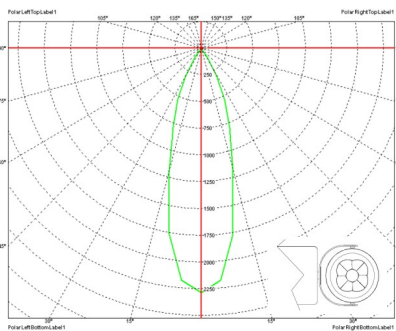
ARRAY SELECTION GUIDE

BAERO Array Number	CCT (Kelvin Temp.)	CRI	Lumen Output			Power Typ W at 120V
			Typical DC Flux SQ30	Tcase 70 deg C SQFL	BRBM	
27G90	2700K	90	5,559	5,498	5,196	95
27E90	2700K	80	6,529	6,457	6,097	95
30G90	3000K	90	6,106	6,041	5,708	95
30E90	3000K	80	6,940	6,867	6,488	95
35E90	3500K	80	7,500	7,419	7,011	95
27G70	2700K	90	4,751	4,699	4,411	73
27E70	2700K	80	5,580	5,519	5,217	73
30G70	3000K	90	5,219	5,163	4,879	73
30E70	3000K	80	5,932	5,869	5,545	73
35E70	3500K	80	6,410	6,341	5,992	73
27G50	2700K	90	3,563	3,524	3,331	50
27E50	2700K	80	4,185	4,139	3,908	50
30G50	3000K	90	3,914	3,872	3,659	50
30E50	3000K	80	4,449	4,402	4,159	50
35E50	3500K	80	4,808	4,756	4,494	50

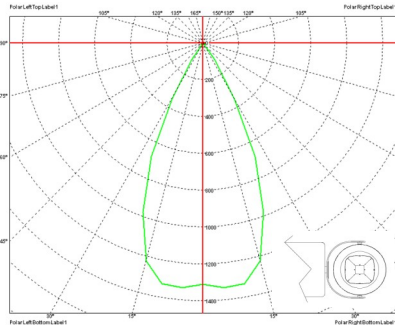
*A 97 CRI Option is available in 2700, 3000, and 3500 in the Alpha H1 3 step MacAdam standard except for 50C53 and 56C53 series.

Light Distribution Patterns of LED Reflector Options

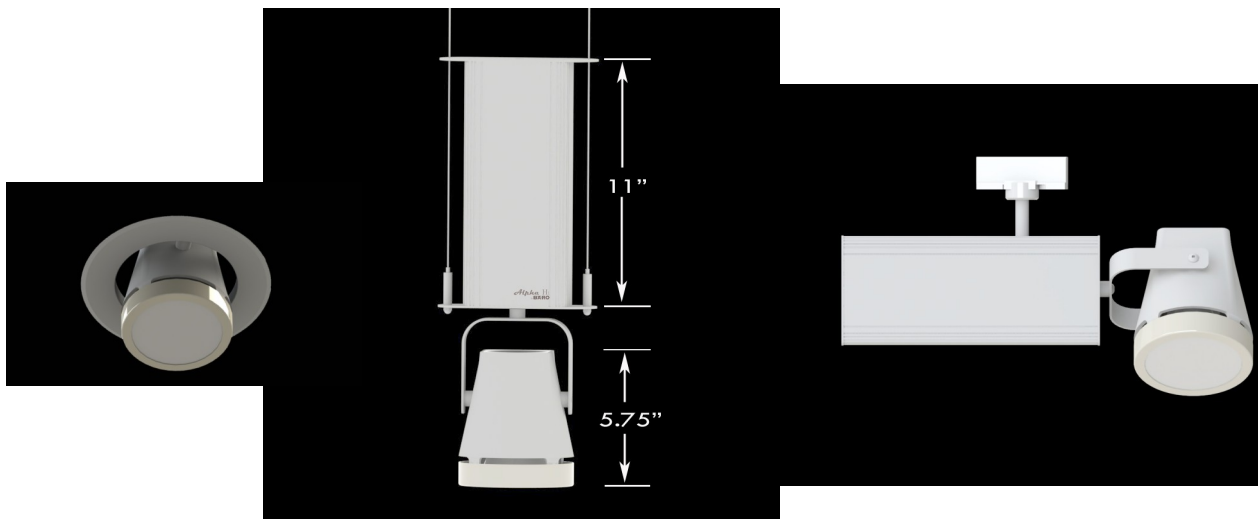
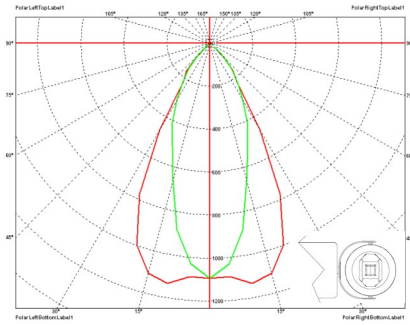
Square Thirty - 30°



Square Flood - 45°



Broadbeam - 30° x 60°



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