

ALTMAN

Catalog number:
PAR-PLUS

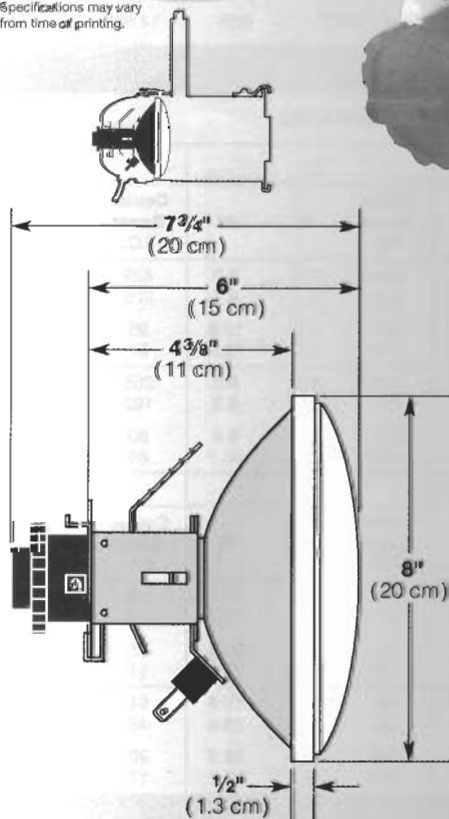
575 Watts

PAR 64 retrofit system

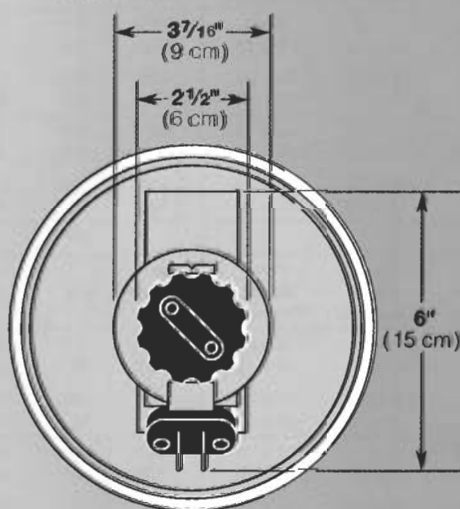
The PAR-PLUS™ PAR 64 retrofit system is a low cost, versatile alternative to conventional Par 64 lamps. This innovative reflector and socket combination, along with its heat-resistant ergonomically designed focus knob, allows for simple changes from an *extremely* narrow spot to a medium beam spread, all within seven pre-set selectable positions. A quick change spread lens, when snapped onto the front of the unit, allows for seven more beam spreads ranging from a medium spot to a wide flood, with fresnel type performance. Virtually any medium two pin base lamp (575 watts maximum) will work in the PAR-PLUS, offering a multitude of choices to the user.

This unit, when outfitted with a low cost 575 watt lamp, is comparable to conventional, expensive 1000 watt quartz Par 64 lamps. The PAR-PLUS is electrically insulated for complete safety and features a front safety shield made of high temperature glass. The energy efficient PAR-PLUS is precision engineered using high quality components and materials to give long and trouble-free life.

Specifications may vary
from time of printing.



Weight - Approx. 1.65 lbs. (0.75 kg)



Features

- Lightweight, sturdy spun and sheet aluminum construction
- Reflector surface made of high grade polished aluminum
- Tempered borosilicate safety glass provided
- Tempered borosilicate spread lens included
- Smaller sized lamps greatly reduce lamp storage space
- 14 different incremental beam spreads
- Lower wattage lamps drastically reduce power consumption while increasing dimmer capacity
- G9.5, medium two-pin lampholder accepts wide variety of non-proprietary lamps
- Provided with generous, easy operating lamp focusing knob, fully insulated and ergonomically designed
- Indexed focus knob has raised numbers for quick and accurate set-ups
- Plated spring steel lens retainer clips double as grounding straps for safety
- Provided with Mogul End Prong plug allowing for replacement of standard PAR64 lamps with no modification to luminaire
- U.L. and c.U.L. listing pending

ALTMAN

THE QUALITY OF LIGHT

Altman Stage Lighting Company, Inc.
57 Alexander Street, Yonkers, NY 10701

914-476-7987

212-569-7777

FAX: 914-963-7304

ALTMAN

Catalog number:
PAR-PLUS

575 watt PAR 64 Retrofit System

Specifications

HOUSING: Sheet and spun aluminum construction.

MATERIALS: Construction employs all corrosion-resistant materials and hardware.

RATING: 120/240 volts AC/DC operation. 4.8/2.4 amps, 575 watts maximum.

SOCKET: G9.5 medium two-pin, axially mounted. Toolless relamping.

PLUG: Extended Mogul End Prong.

WIRE: 250°C leads encased in protective sleeving.

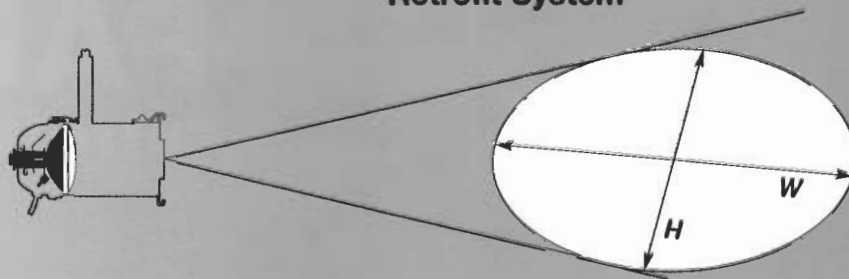
SPREAD LENS: Tempered borosilicate, rotatable with housing.

SAFETY GLASS: Tempered borosilicate.

REFLECTOR: High grade aluminum, chemically polished and coated, parabolic design.

FOCUSING LAMP: 7 preset lamp adjustment positions provided on long-life focus mechanism. Manual adjustments made via indexed, hi-temp, high impact plastic knob with raised finger grip.

WEIGHT: Approx. 1.65 lbs. (0.75 kg).



LAMP DATA

Watts	Volts	ANSI Code	Manufacturer Lamp Code	Color Temp (°K)	Rated Life (Hours)	Rated Lumens	Correction Factor
400	115	—	HX400	3200°	300	10,000	.69
400	115	—	HX401	3050°	2000	8,500	.59
575	115	FLK	HX600	3200°	300	14,500	1.00
575	115	—	HX601	3050°	2000	12,800	.88
575	115	—	HX602	3250°	250	16,500	1.14
575	115	—	HP600	3200°	300	16,500	1.14
575	220	—	HX600HV220	3200°	300	14,500	1.00
575	230	—	HX600HV230	3200°	300	14,500	1.00
575	240	—	HX600HV240	3200°	300	14,500	1.00

PERFORMANCE CHART with STANDARD ALTMAN PAR 64 LUMINAIRE

Distance							10'			20'			30'		
Lamp	Lens	Focus	Beam Shape	Candle-power (Candela)	Beam Angle (Degrees)	Field Angle (Degrees)	Center Beam F.C.	H	W	Center Beam F.C.	H	W	Center Beam F.C.	H	W
HP600	Clear	Spot	VNSP	395,000	6 x 6	6 x 6	3950	1.0	1.0	988	2.0	2.0	439	3.0	3.0
		Flood	MFL	205,000	18 x 18	19 x 19	2050	3.3	3.3	513	6.7	6.7	228	10.0	10.0
	Spread	Spot	MFL	88,500	9 x 21	19 x 29	885	3.3	5.2	221	6.7	10.3	98	10.0	15.5
		Flood	WFL	51,000	16 x 23	26 x 33	510	4.7	6.0	128	9.3	12.0	57	14.0	18.0
HX600	Clear	Spot	VNSP	230,000	7 x 7	14 x 14	2300	2.5	2.5	575	5.0	5.0	255	7.5	7.5
		Flood	MFL	173,000	23 x 23	24 x 24	1730	4.2	4.2	433	8.3	8.3	192	12.5	12.5
	Spread	Spot	MFL	71,600	10 x 21	18 x 25	716	3.2	4.5	179	6.3	9.0	80	9.5	13.5
		Flood	WFL	62,000	11 x 23	21 x 30	620	3.7	5.3	155	7.3	10.7	69	11.0	16.0
Distance							40'			50'			60'		
Lamp	Lens	Focus	Beam Shape	Candle-power (Candela)	Beam Angle (Degrees)	Field Angle (Degrees)	Center Beam F.C.	H	W	Center Beam F.C.	H	W	Center Beam F.C.	H	W
HP600	Clear	Spot	VNSP	395,000	6 x 6	6 x 6	247	4.0	4.0	158	5.0	5.0	110	6.0	6.0
		Flood	MFL	205,000	18 x 18	19 x 19	128	13.3	13.3	82	16.7	16.7	57	20.0	20.0
	Spread	Spot	MFL	88,500	9 x 21	19 x 29	55	13.3	20.6	35	16.7	25.8	25	20.0	31.0
		Flood	WFL	51,000	16 x 23	26 x 33	32	18.6	24.0	20	23.3	30.0	14	28.0	36.0
HX600	Clear	Spot	VNSP	230,000	7 x 7	14 x 14	144	10.0	10.0	92	12.5	12.5	64	15.0	15.0
		Flood	MFL	173,000	23 x 23	24 x 24	108	16.7	16.7	69	20.9	20.9	48	25.0	25.0
	Spread	Spot	MFL	71,600	10 x 21	18 x 25	45	12.7	18.0	29	15.8	22.5	20	19.0	27.0
		Flood	WFL	62,000	11 x 23	21 x 30	39	14.7	21.3	25	18.3	26.7	17	22.0	32.0

Patent Pending

ALTMAN

THE QUALITY OF LIGHT

Altman Stage Lighting Company, Inc.
57 Alexander Street, Yonkers, NY 10701

914-476-7987

212-569-7777

FAX: 914-963-7304

3M-4400/10-97