



Sealed Beams

FEATURES

- Available in rectangular (140-200mm across top) and round PAR36 (4.5"), PAR46 (5.75"), PAR56 (7"), PAR64 (8") sizes
- Sealed glass parts, which tolerate moisture and salt over time better than metal composite lamps
- Consistant filament to reflector focusing, and tailored lenses to insure MBCP and spread suitable for the application
- Available in Incandescent, Halogen (Q or H prefix) and Discharge technology
- Beam distributions in narrow spot (NSP), spot (SP), medium and wide flood (MFL, WFL)
- Narrow spot beams (smaller angle spread) for more maximum beam candlepower (MBCP) in a given wattage
- See Transportation, Airport/City, Special Incandescent, and CovRguard® Sections for additional applications/types
- Sorted by size, watts, then volts

APPLICATIONS

- Spotlamps and Hand Lanterns
- Stage and Studio Lighting
- Landscape and Area Lighting
- Down and Architecture Lighting

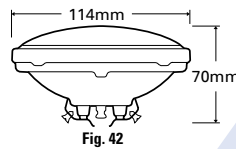


Fig. 42

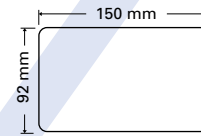


Fig. 114

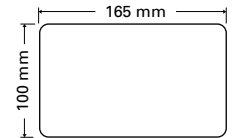
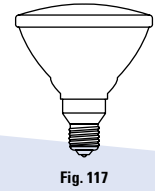
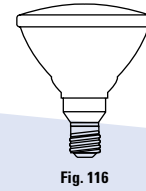
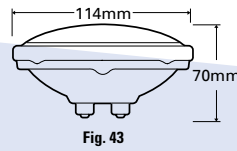
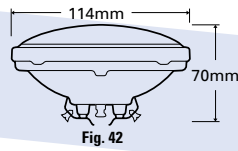


Fig. 115

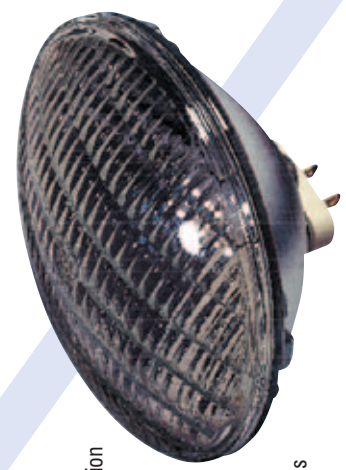
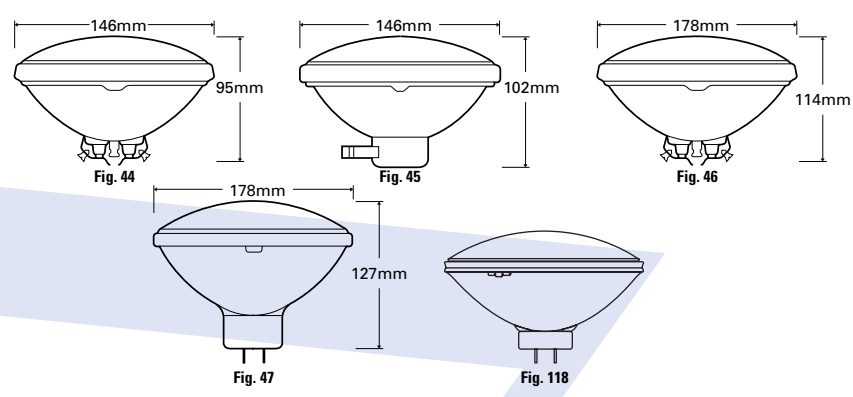
Watts	Volts	Order Code	Description	Case Qty.	Bulb Size	Base	Filament Type	MOL (in)	Initial Lumens	MBCP	10% Spread H	10% Spread V	50% Spread H	50% Spread V	Color Temp.	Life (hrs)	Application	Footnotes	Figure Number
Rectangle																			
50	12.8	47460 H7935-1	6 165mm Slip-on Terminals	C-6	4.53	175000	6.5	3.5	100	Halogen Spotlamp	77	115							
		15767 H9405	12 150mm 2 Right Angle Lugs	C-6	3	100000	7	4	100	Spotlamp, Halogen	77	114							
PAR36																			
2.35	4.7	24780 4546	12 PAR36 Screw Terminals	C-2R	2.75	6300	3	3	100	Hand Lantern	42								
		24770 4546-1	12 PAR36 Slip-on Terminals	C-2R	2.75	6300	3	3	100	Hand Lantern	42								
5.94	4.7	24788 4547	12 PAR36 Screw Terminals	C-2R	2.75	20000	3	3	100	Hand Lantern	42								
8	6	43561 H7550	12 PAR36 Screw Terminals	C-6	2.75	25000	3	3	50	Hand Lantern	77	42							
		23541 H7550-1 Bulk	60 PAR36 Slip-on Terminals	C-6	2.75	25000	3	3	50	Hand Lantern	77								
18	12	29130 Q7558 PAR36 WFL	12 PAR36 Screw Terminals	C-6	2.75	365	55	45	5000	Landscape	71, 164	42							
		28113 Q7559 PAR36 WWFL	12 PAR36 Screw Terminals	C-6	2.75	120	70	70	5000	Landscape	71, 164	42							
		28111 Q7560 PAR36 NSP	12 PAR36 Screw Terminals	C-6	2.75	1900	24	23	5000	Landscape	71, 164	42							
		28874 Q7561 PAR36 VNPS	12 PAR36 Screw Terminals	C-6	2.75	11000	9	8	5000	Landscape	71, 164	42							
25	5.5	14553 25PAR36	12 PAR36 Screw Terminals	C-6	2.75	130	19700				5	5	3000	1000	Pin Spot.	20	42		
															Filament Shield				
12		14554 25PAR36/NSP	12 PAR36 Screw Terminals	C-6	2.75	150	2600				9	9		2000	Narrow Spot-Filament Shield	20	42		
		14556 25 PAR36 WWFL	12 PAR36 Screw Terminals	C-6	2.75	150	160				55	55		2000	Very Wide Flood. Filament Shield	20	42		
		14555 25PAR 36WFL	12 PAR36 Screw Terminals	C-6	2.75	150	360	49	41	37	26		2000	Wide Flood-Filament Shield	20	42			
30	6.2	24678 4516	12 PAR36 Screw Terminals	C-6	2.75	45000	9	4	300	Spotlamp	20	42							
	6.4	24673 4515	12 PAR36 Screw Terminals	C-6	2.75	55000	5	5	100	Spotlamp	42								
		15133 H4515	12 PAR36 Screw Terminals	C-6	2.75	67000	5.5	4	100	Spotlamp, Shielded Bulb	77	42							
	12.8	24425 4405	12 PAR36 Screw Terminals	C-6	2.75	50000	6	5	100	Spotlight	42								
		22983 4416	12 PAR36 Screw Terminals	C-6	2.75	35000	11	4	300	Spotlamp, Signal	42								
		34901 4416-1 Bulk	60 PAR36 Slip-on Terminals	C-6	2.75	35000	11	4	300	Spotlamp, Signal									
		15129 H4405	12 PAR36 Screw Terminals	C-6	2.75	66000	7	4	100	Spotlamp, Shielded Bulb	77	42							
35	12	19877 35PAR36/H/FL30	12 PAR36 Screw Terminals	C-6	2.75	250	900				30	30	3050	4000	Floodlight	148	42		
		19873 35PAR36/H/SP5	12 PAR36 Screw Terminals	C-6	2.75	250	25000				5	5	3050	4000	Spotlight	148	42		
		19876 35PAR36/H/SP8	12 PAR36 Screw Terminals	C-6	2.75	250	8000				8	8	3050	4000	Spotlight	148	42		
		42072 35PAR36/H/WWFL	12 PAR36 Screw Terminals	C-6	2.75	400					55	55	3050	4000	Very Wide Flood	148	42		
37.5	12.8	42838 H7616	12 PAR36 Screw Terminals	C-6	2.75	70000	7	4	300	Halogen Spotlamp	77	42							

General Directional Lighting SECTION 3



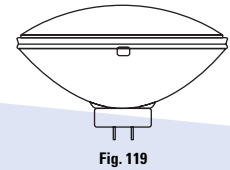
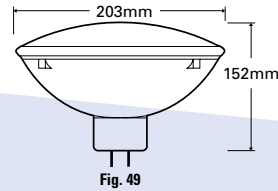
Watts	Volts	Order Code	Description	Case Qty.	Bulb Size	Base	Filament Type	MOL (in)	Initial Lumens	MBCP	10% Spread H	10% Spread V	50% Spread H	50% Spread V	Color Temp.	Life (hrs)	Application	Footnotes	Figure Number
PAR36 (Continued)																			
50	12	19880	50PAR36/H/FL30	12	PAR36	Screw Terminals	C-6	2.75	400	1300			30	30	3050	4000	Floodlight	148	42
		19878	50PAR36/H/SP5	12	PAR36	Screw Terminals	C-6	2.75	400	39000			5	5	3050	4000	Spotlight	148	42
		19879	50PAR36/H/SP8	12	PAR36	Screw Terminals	C-6	2.75	400	10000			8	8	3050	4000	Spotlight	148	42
		16540	50PAR36/NSP	12	PAR36	Screw Terminals	C-6	2.75	330	11000			10	10		2000	Narrow Spot, Filament Shield	20	42
		12892	50PAR36VNSP	12	PAR36	Screw Terminals	C-6	2.75	330	19000			6	6		2000	Very Narrow Spot, Filament Shield	20	42
		16542	50 PAR 36 VWFL	12	PAR36	Screw Terminals	C-6	2.75	330	600			55	55		2000	Very Wide Flood. Filament Shield	20	42
		16541	50 PAR 36 WFL	12	PAR36	Screw Terminals	C-6	2.75	330	900	48	41	36	28		2000	Wide Flood, Filament Shield	20	42
		11468	50PAR36WFL/4	12	PAR36	Screw Terminals	C-6	2.75	300	720	48	41	36	28		4000	Wide Flood, Filament Shield	20	42
	12.8	43576	H7604	12	PAR36	Screw Terminals	C-6	2.75	100000		7	5				100	Halogen Spotlamp	77	42
	12.8	49731	H7614	12	PAR36	Screw Terminals	C-6	2.75	2000		70	30				100	Halogen Flood		42
100	13.0	39906	4700	12	PAR36	3 Screw Terminals	C-6	2.75	100M		12	7				25	Spot/Flood. 2 Beams		
100	13.0								50M		17	18				25			
650	120	41667	DWE-Q650PAR36/1	12	PAR36	Screw Terminals		2.75	24000				40	30	3200	100		63	42
		41668	FAY-Q650PAR36/3D	12	PAR36	Ferrule	C-7A	2.75	36000				25	15	5000	30		63	43
		41669	FBE-Q650PAR36/5D	12	PAR36	Screw Terminals	C-7A	2.75	36000				25	15	5000	30		63	42
		41671	FBO-Q650PAR36/5	12	PAR36	Screw Terminals	C-7A	2.75	67000				25	15	3400	30		63	42
		41672	FCW-Q650PAR36/6	12	PAR36	Ferrule	C-7A	2.75	9000				60	55	3200	100		63	43
		41673	FCX-Q650PAR36/7	12	PAR36	Ferrule	C-7A	2.75	24000				40	30	3200	100		63	43
PAR38																			
80	220	18178	80PAR/FL/27	12	PAR38	Skirted (E27)	CC-6	5.5	750	1500			35	35	2650	2000	Clear Flood	173, 178, 179	116
	240	18179	80PAR/FL/27	12	PAR38	Skirted (E27)	CC-6	5.5	750	1500			35	35	2650	2000	Clear Flood	173, 178, 179	116
		26347	80PAR/FL/BG/27	12	PAR38	Skirted (E27)	CC-6	5.5					35	35		2000	Yellow Flood	173, 178, 179	116
100	220	38854	100PAR/FL/27	12	PAR38	Skirted (E27)	CC-6	5.5	800	1500			35	35	2600	2000	Clear Flood	173, 178, 179	116
		40029	100PAR/FL/G/27	12	PAR38	Skirted (E27)	CC-6	5.5					35	35		2000	Green Flood	173, 178, 179	116
		40030	100PAR/FL/R/27	12	PAR38	Skirted (E27)	CC-6	5.5					35	35		2000	Red Flood	173, 178, 179	116
		40031	100PAR/FL/Y/27	12	PAR38	Skirted (E27)	CC-6	5.5					35	35		2000	Yellow Flood	173, 178, 179	116
120	220	18172	120PAR/FL/27	12	PAR38	Skirted (E27)	CC-6	5.5	1150	2300			35	35	2675	2000	Clear Flood	173, 178, 179	116
		18175	120PAR/SP/27	12	PAR38	Skirted (E27)	CC-6	5.5	1150	5500			20	20	2675	2000	Clear Spot	173, 178, 179	116
	240	18173	120PAR/FL/27	12	PAR38	Skirted (E27)	CC-6	5.5	1050	2300			35	35	2675	2000	Clear Flood	173, 178, 179	116
150	120	19464	150PAR/FL/A	12	PAR38	Med Skirt	CC-6	5.31								2000	Flood. Dichro Amber	173, 178, 179	117
		19465	150PAR/FL/B	12	PAR38	Med Skirt	CC-6	5.31								2000	Flood. Dichro Blue	173, 178, 179	117
		19467	150PAR/FL/G	12	PAR38	Med Skirt	CC-6	5.31								2000	Flood. Dichro Green	173, 178, 179	117
		19468	150PAR/FL/R	12	PAR38	Med Skirt	CC-6	5.31								2000	Flood. Dichro Red	173, 178, 179	117
	220	40033	150PAR/FL/27	12	PAR38	Skirted (E27)	CC-6	5.5	1350	2450			35	35	2650	2000	Clear Flood	173, 178, 179	116
	240	40035	150PAR/FL/27	12	PAR38	Skirted (E27)	CC-6	5.5	1350	2450			35	35	2650	2000	Clear Flood	173, 178, 179	116
		40034	150PAR/SP/27	12	PAR38	Skirted (E27)	CC-6	5.5								2000	Spotlight	173, 178, 179	116
250	120	23718	Q250PAR/FL30	12	PAR38	Med Skirt	CC-8	5.31	3600	9000					2880	4200	Floodlight	149	117
		23719	Q250PAR/SP10	12	PAR38	Med Skirt	CC-8	5.31	3600	40000					2880	4200	Spotlight	149	117

SECTION 3 General Directional Lighting



Watts	Volts	Order Code	Description	Case Qty.	Bulb Size	Base	Filament Type	MOL (in)	Initial Lumens	MBCP	10% Spread H	10% Spread V	50% Spread H	50% Spread V	Color Temp.	Life (hrs)	Application	Footnotes	Figure Number
PAR46																			
25	6	14562 25PAR46		12	PAR46	Screw Terminals	C-6	3.75	140	55000	5.5	4.5				1000	Pin Spot Filament Shield	20	44
30	6.4	24735 4535		12	PAR46	Screw Terminals	C-6	3.75	95000		5.5	4				100	Spotlamp		44
	12.8	24577 4435		12	PAR46	Screw Terminals	C-6	3.75	75000		5	5				100	Spotlamp		44
50	12.8	43591 H7635		12	PAR46	Screw Terminals	C-6	3.75	160000		6.5	4				100	Halogen Spotlamp	77	44
		18022 H7635X Bulk		24	PAR46	Screw Terminals	C-6	3.75	160000		6.5	4				100	Halogen Spotlamp	77	44
80	13	17894 H7680HIR		12	PAR46	Screw Terminals	C-8	3.75	275000		6.5	6.5				100	Infrared Spotlamp	71	44
		26694 H7680X HIR		12	PAR46	Screw Terminals	C-8	3.75	230000		6.5	6.5				300	Infrared-Spotlamp Long Life	71	44
100	13	40822 4537-2		12	PAR46	Screw Terminals	C-6	3.13	200000		11	6				25	Spotlamp		44
150	125	41968 150PAR46/3MFL		12	PAR46	Med Sid Pr	CC-13	4	1500	8000	39	25	26	13	2750	2000	Medium Flood	20, 23, 24	45
200	120	20138 200PAR46/ 3MFL12P		12	PAR46	Med Sid Pr	CC-13	4	2270	11500	40	24	27	13	2750	2000	Medium Flood	20, 23, 24	45
		20115 200PAR46/3NSP		12	PAR46	Med Sid Pr	CC-13	4	2270	31000	23	19	12	8	2750	2000	Narrow Spot	20, 23, 24	45
130		20140 200PAR46/3MFL		12	PAR46	Med Sid Pr	CC-13	4	2270	11500	40	24	27	13	2750	2000	Medium Flood	20, 23, 24	45
		20117 200PAR46/3NSP		12	PAR46	Med Sid Pr	CC-13	4	2270	31000	23	19	12	8	2750	2000	Narrow Spot	20, 23, 24	45
PAR56																			
120	12	19024 120 PAR56 MFL		12	PAR56	Screw Terminals	C-6	4.5	1050	19000	29	15	18	9	2750	2000	Medium Flood	20, 23, 24	46
		19023 120 PAR 56 VNSP		12	PAR56	Screw Terminals	C-6	4.5	1050	60000	15	10	8	6	2750	2000	Very Narrow Spot	20, 23, 24	46
		19025 120 PAR56 WFL		12	PAR56	Screw Terminals	C-6	4.5	1050	5625	50	25	35	18	2750	2000	Wide Flood	20, 23, 24	46
200	120	49889 200PAR56/MFL		12	PAR56	Mog End Pr	CC-13	5	2270	15000	34	22	22	13	2750	2000	Medium Flood	20, 23, 24	118
240	12	20576 240 PAR56 MFL		12	PAR56	Screw Terminals	C-6	4.5	46000		28	15	19	8	2800	2000	Medium Flood	20, 23, 24	46
		20575 240 PAR 56 VNSP		12	PAR56	Screw Terminals	C-6	4.5	140000		17	10	9	6	2800	2000	Very Narrow Spot	20, 23, 24	46
		20577 240 PAR56 WFL		12	PAR56	Screw Terminals	C-6	4.5	13000		50	27	35	18	2800	2000	Wide Flood	20, 23, 24	46
300	120	20836 300PAR56/MFL		12	PAR56	Mog End Pr	CC-13	5	3840	24000	34	19	23	11	2750	2000	Medium Flood	20, 23, 24	118
		20803 300PAR56/NSP		12	PAR56	Mog End Pr	CC-13	5	3840	68000	20	14	10	8	2750	2000	Narrow Spot	20, 23, 24	118
		20849 300PAR56/WFL		12	PAR56	Mog End Pr	CC-13	5	3840	11000	57	27	37	18	2750	2000	Wide Flood	20, 23, 24	118
130		20838 300PAR56/MFL		12	PAR56	Mog End Pr	CC-13	5	3840	24000	34	19	23	11	2750	2000	Medium Flood	20, 23, 24	118
		20851 300PAR56/WFL		12	PAR56	Mog End Pr	CC-13	5	3840	11000	57	27	37	18	2750	2000	Wide Flood	20, 23, 24	118
230		20852 300PAR56/MFL		12	PAR56	GX16DEXT	CC-13	5	3450							2000	Medium Flood	20, 23, 24	47
		20853 300PAR56/NSP		12	PAR56	GX16DEXT	CC-13	5	3450							2000	Narrow Spot	20, 23, 24	47
		20854 300PAR56/WFL		12	PAR56	GX16DEXT	CC-13	5	3450							2000	Wide Flood	20, 23, 24	47
240		18677 300PAR56/MFL		12	PAR56	GX16DEXT	CC-13	5	3450							2000	Medium Flood	20, 23, 24	47
		18676 300PAR56/NSP		12	PAR56	GX16DEXT	CC-13	5	3450							2000	Narrow Spot	20, 23, 24	47
		18678 300PAR56/WFL		12	PAR56	GX16DEXT	CC-13	5	3450							2000	Wide Flood	20, 23, 24	47
500	120	43495 Q500PAR56MFL		6	PAR56	Mog End Pr	CC-6	5	8000	43000	42	20	26	10	2950	4000	Medium Flood	150	118
		43494 Q500PAR56NSP		6	PAR56	Mog End Pr	CC-6	5	8000	96000	32	15	13	8	2950	4000	Narrow Spot	150	118
		43496 Q500PAR56WFL		6	PAR56	Mog End Pr	CC-6	5	8000	19000	66	34	44	20	2950	4000	Wide Flood	150	118

General Directional Lighting SECTION 3



Watts	Volts	Order Code	Description	Case Qty.	Bulb Size	Base	Filament Type	MOL (in)	Initial Lumens	MBCP	10% Spread H	10% Spread V	50% Spread H	50% Spread V	Color Temp.	Life (hrs)	Application	Footnotes	Figure Number			
PAR64 – Incandescent and Halogen																						
500	120	39409	500PAR64/MFL	12	PAR64	ExMogEndPr	CC-13	6	6500	37000	35	19	23	11	2800	2000	Medium Flood	20, 23, 24	49			
		39406	500PAR64/NSP	12	PAR64	ExMogEndPr	CC-13	6	6500	110000	19	14	12	7	2800	2000	Narrow Spot	20, 23, 24	49			
		39412	500PAR64/WFL	12	PAR64	ExMogEndPr	CC-13	6	6500	13000	55	32	42	20	2800	2000	Wide Flood	20, 23, 24	49			
		230	230	39411	500PAR64/MFL	12	PAR64	MogEndPr	CC-13	6	5500		32	19	21	10	2700	2000	Medium Flood	20, 23, 24	119	
				39414	500PAR64/WFL	12	PAR64	MogEndPr	CC-13	6	5500		55	32	42	20	2700	2000	Wide Flood	20, 23, 24	119	
				30287	Q500PAR64/MFL	6	PAR64	ExMogEndPr				65000		32	19	21	10	3200	300	CP88-MFL	63	49
				30283	Q500PAR64/NSP	6	PAR64	ExMogEndPr			140000		19	16	11	9	3200	300	CP87-MSP	63	49	
				30280	Q500PAR64/VNSP	6	PAR64	ExMogEndPr			240000		16	13	10	7	3200	300	CP86-VNSP	63	49	
		240	240	30288	Q500PAR64/MFL	6	PAR64	ExMogEndPr			65000		32	19	21	10	3200	300	CP88-MFL	63	49	
				30286	Q500PAR64/NSP	6	PAR64	ExMogEndPr			140000		19	16	11	9	3200	300	CP87-MSP	63	49	
				30282	Q500PAR64/VNSP	6	PAR64	ExMogEndPr			240000		16	13	10	7	3200	300	CP86-VNSP	63	49	
		1000	120	13233	FFN-Q1000PAR64/1	6	PAR64	ExMogEndPr	C-7A	6	400000		24	10	12	6	3200	800	Stage/Studio	63	49	
13229	FFP-Q1000PAR64/2			6	PAR64	ExMogEndPr	C-7A	6	330000		26	14	14	7	3200	800	Stage/Studio	63	49			
13228	FFR-Q1000PAR64/5			6	PAR64	ExMogEndPr	C-7A	6	125000		44	21	28	12	3200	800	Stage/Studio	63	49			
13227	FFS-Q1000PAR64/6			6	PAR64	ExMogEndPr	C-7A	6	40000		71	45	48	24	3200	800	Stage/Studio	63	49			
13226	FGM-Q1000PAR64/3			6	PAR64	ExMogEndPr	C-7A	6	200000		24	12	13	6	5200	200	Stage/Studio	63	49			
13225	FGN-Q1000 PAR647D			6	PAR64	ExMogEndPr	C-7A	6	70000		43	20	27	11	5200	200	Stage/Studio	63	49			
				43498	Q1000PAR64MFL	6	PAR64	ExMogEndPr	CC-6	6	19400	80000	45	22	28	12	3000	4000	Medium Flood	150	49	
				43497	Q1000PAR64NSP	6	PAR64	ExMogEndPr	CC-6	6	19400	200000	31	14	15	8	3000	4000	Narrow Spot	150	49	
				43499	Q1000PAR64/WFL	6	PAR64	ExMogEndPr	CC-6	6	19400	33000	72	45	48	24	3000	4000	Wide Flood	150	49	
230	230			30277	CP95	6	PAR64	ExMogEndPr			15000		125	95	70	70	3200	300	Stage/Studio	63	49	
				93409	EXC-Q1MPAR64 CP60 SUPER	6	PAR64	ExMogEndPr	C-7A	6		352000		20	17	12	9	3200	300	Stage/Studio	63	49
				10928	EXD-Q1MPAR64 CP61 SUPER	6	PAR64	ExMogEndPr	C-7A	6		297000		22	20	14	10	3200	300	Stage/Studio	63	49
		10930	EXE-Q1MPAR64 CP62 SUPER	6	PAR64	ExMogEndPr	C-7A	6		138000		38	20	24	11	3200	300	Stage/Studio	63	49		
		35482	EXG/PAR64/ WFL230V	6	PAR64	ExMogEndPr	C-7A	6		38000		73	36	57	21	3200	300	Wide Flood	63	49		
		240	240	30278	CP95	6	PAR64	ExMogEndPr			15000		125	95	70	70	3200	300	Stage/Studio	63	49	
				10925	EXC-Q1MPAR64 CP60 SUPER	6	PAR64	ExMogEndPr	C-7A	6		352000		20	17	12	9	3200	300	Stage/Studio	63	49
				10929	EXD-Q1MPAR64 CP61 SUPER	6	PAR64	ExMogEndPr	C-7A	6		297000		22	20	14	10	3200	300	Stage/Studio	63	49
				10931	EXE-Q1MPAR64 CP62 SUPER	6	PAR64	ExMogEndPr	C-7A	6		138000		38	20	24	11	3200	300	Stage/Studio	63	49
				35483	EXG/PAR64/ WFL240V	6	PAR64	ExMogEndPr	C-7A	6		38000		73	36	57	21	3200	300	Wide Flood	63	49
		1200	120	34812	GFA-Q1200 PAR64/5	6	PAR64	ExMogEndPr	C-7A	6	160000		22	36	13	24	3200	400	Stage/Studio	63	49	
				34810	GFB-Q1200 PAR64/2	6	PAR64	ExMogEndPr	C-7A	6	450000		16	18	8	10	3200	400	Stage/Studio	63	49	
34808	GFC-Q1200 PAR64/1			6	PAR64	ExMogEndPr	C-7A	6	540000		14	16	8	10	3200	400	Stage/Studio	63	49			

General Directional Lighting

PAR64 - Discharge

FEATURES

- ConstantColor® CMH® Metal Halide (Warm), Multi-Vapor (SPL) and Compact Iodide Daylight color temperatures
- Excellent color rendition with CRI 80-90+
- CMH/CID operates on standard metal halide ballasts with 10-20% more output
- Over 1 million candela maximum beams available

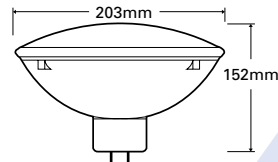


Fig. 49

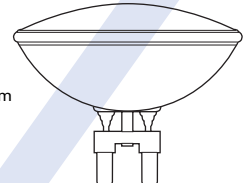


Fig. 72

Watts Volts or ANSI Ballast	Order Code	Description	Case Qty.	Bulb Size	Base	Filament Type	MOL (in)	Initial Lumens	MBCP	10% Spread H	10% Spread V	50% Spread H	50% Spread V	Color Temp.	CRI Index	Life (hrs)	Application	Footnotes	Figure Number
PAR64 – Discharge																			
150 M81, 102	16959	CMH150/PAR64/830/GX16d/MFL	6	PAR64	GX16d			47000		34	26	22	14	3000	80+	8000	Medium Flood	14, 18, 63	49
	16958	CMH150/PAR64/830/GX16d/SP	6	PAR64	GX16d			154000		18	18	9	9	3000	80+	8000	Narrow Spot	14, 18, 63	49
	16960	CMH150/PAR64/830/GX16d/WFL	6	PAR64	GX16d			16000		62	36	46	23	3000	80+	8000	Wide Flood	14, 18, 63	49
	16962	CMH150/PAR64/842/GX16d/MFL	6	PAR64	GX16d			47000		34	26	22	14	4200	90+	8000	Medium Flood	14, 18, 63	49
	16961	CMH150/PAR64/842/GX16d/SP	6	PAR64	GX16d			154000		18	18	9	9	4200	90+	8000	Narrow Spot	14, 18, 63	49
	16963	CMH150/PAR64/842/GX16d/WFL	6	PAR64	GX16d			16000		62	36	46	23	4200	90+	8000	Wide Flood	14, 18, 63	49
1000	77	30360 99-1225CID		PAR64	G38		6.87	850000				20	20	5500	85	1500		14, 23, 63	72
		30371 99-1425CID/HR		PAR64	G38		6.87	850000				20	20	5500	85	1000	Hot Restrike	14, 23, 63	72
		29333 SPL1000/PAR64/840	1	PAR64	G38		6.87	1350000		6	6	4000	80	3500	80	3500	Narrow Spot	14, 19, 63	72
		29336 SPL1000/PAR64/HR	1	PAR64	G38		6.87	1350000		6	6	4000	80	3500	80	3500	Narrow Spot, Hot restrike	14, 19, 63	72
1200	100	30372 99-1435CID/HR		PAR64	G38		6.87	820000		18	18	5500	85	1000	85	1000	Hot Restrike	14, 24, 63	72

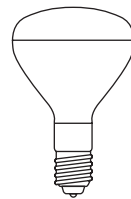


Fig. 120

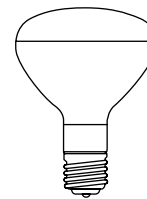


Fig. 121

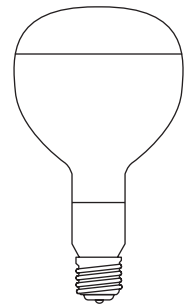


Fig. 122

Watts	Volts	Order Code	Description	Case Qty.	Bulb Size	Base	Filament Type	MOL (in)	Initial Lumens	MBCP	Life (hrs)	Application	Footnotes	Figure Number
R40														
300	120	21213	300R/FL	24	R40	Med	CC-2V	6.56	3700	2500	2000	Reflector Flood-I.F. Burn H only	26, 30	120
300	130	21215	300R/FL	24	R40	Med	CC-2V	6.56	3465	2500	2000	Reflector Flood-I.F. Burn H only	26, 30	120
266	120								2670		5400			
300	120	21229	300R/FL/1	24	R40	Med	CC-2V	6.75	3700	1900	2000	Reflector Flood-I.F., HRG	20, 26, 60	120
		21254	300R/3FL	24	R40	Mog	CC-2V	7.25	3750		2000	Reflector Flood-I.F.	20, 26, 30, 33, 60	121
	130	21256	300R/3FL	24	R40	Mog	CC-2V	7.25	3750		2000	Reflector Flood-I.F.	20, 26, 30, 33, 60	121
	250	21263	300R/3FL	24	R40	Mog	C-7A	7.25	3300		2000	Reflector Flood-I.F.	20, 26, 30, 33, 60	121
500	120	21734	500R/3FL	24	R40	Mog	CC-2V	7.25	6500		2000	Reflector Flood-I.F. BB, HRG	20, 26, 30, 33, 60	121
	130	21736	500R/3FL	24	R40	Mog	CC-2V	7.25	6500		2000	Reflector Flood-I.F. BB, HRG	20, 26, 30, 33, 60	121
R52														
500	130	21761	500R52	12	R52	Mog	C-7A	11.75	7600		2000	Reflector High Bay- Light I.F.	26, 30, 35, 60	122