

Project Name:	Type:
Part Number:	Date:

# REFINE PAR56 FAMILY

## FEATURES

- Suitable to replace 300W, 500W halogen
- Dimmable with forward and reverse phase controls\*
- High lumen output up to 5000lm
- Multi optic lens design provides even light distribution
- CRI 90+ produces rich and vibrant colors
- High candela output up to 34,000cd
- Spot, Narrow, Flood beam angles
- Delivers Flicker Free Light (<1% flicker)
- Compact size 1:1 halogen form factor
- Suitable for damp locations and totally enclosed fixtures\*\*
- Fixture operating temperature: -4°F to 95°F (-20°C to 35°C)
- Lamp ambient temperature: -4°F to 113°F (-20°C to 45°C)
- Rated Lifetime (L70): 50,000hrs
- Industry leading 5 year warranty\*\*\*
- Be compatible with PAR64 Adapter Ring, which can easily convert lamp to fit into PAR64 fixtures



## SPECIFICATIONS

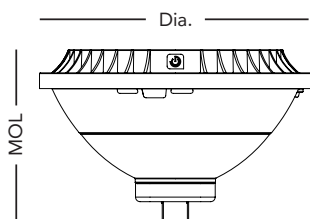
Product	Model	Equiv.	Wattage (W)	CCT	Lumens	Efficacy (LPW)	Input Voltage	Beam Angle	CBCP (cd)	CRI	Dim.*	Power Factor (typ.)	Base	Fixture Rating
35416	40PAR56DIM/927SP15	300W	40	2700K	3,800	95	120V	15°	33,300	92	Yes	0.9	GX16d	Enclosed
35417	40PAR56DIM/927NF25	300W	40	2700K	3,800	95	120V	25°	14,700	92	Yes	0.9	GX16d	Enclosed
35418	40PAR56DIM/927FL40	300W	40	2700K	3,800	95	120V	40°	7,100	92	Yes	0.9	GX16d	Enclosed
35419	40PAR56DIM/930SP15	300W	40	3000K	4,000	100	120V	15°	34,000	92	Yes	0.9	GX16d	Enclosed
35420	40PAR56DIM/930NF25	300W	40	3000K	4,000	100	120V	25°	15,000	92	Yes	0.9	GX16d	Enclosed
35421	40PAR56DIM/930FL40	300W	40	3000K	4,000	100	120V	40°	7,200	92	Yes	0.9	GX16d	Enclosed
36740	50PAR56DIM/930NF25	500W	50	3000K	5,000	100	120V	25°	1,9000	92	Yes	0.9	GX16d	Non-enclosed
36741	50PAR56DIM/930FL40	500W	50	3000K	5,000	100	120V	40°	9,000	92	Yes	0.9	GX16d	Non-enclosed

\* This lamp might not be compatible with all dimmers. Please visit [www.greencreative.com](http://www.greencreative.com) for compatibility information.

\*\* 40W is suitable for use in totally enclosed fixtures while 50W is not suitable for use in totally enclosed fixtures.

\*\*\* Please visit [www.greencreative.com](http://www.greencreative.com) for Limited Warranty terms.

## DIMENSION & WEIGHT



Model	Base	MOL	Dia.	Weight
40PAR56DIM/xxxxyyyy	GX16d	4-7/16"	7"	2.25lb
50PAR56DIM/xxxxyyyy	GX16d	4-7/16"	7"	2.25lb

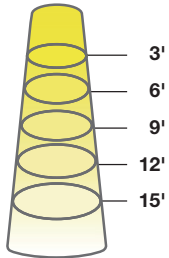
Where xxx means 824-965 which indicates CRI and color temperature  
Where yyyy means beam angle



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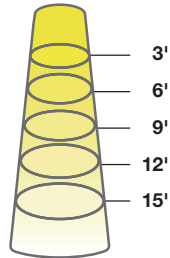
## ILLUMINANCE & CANDELA DISTRIBUTION

40PAR56DIM/930SP15



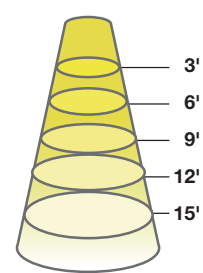
Diameter	Footcandles
0.8	3,778
1.6	944
2.4	420
3.2	236
3.9	151

40PAR56DIM/930NF25

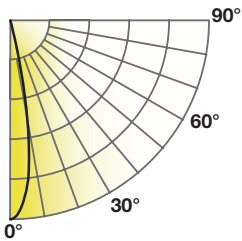


Diameter	Footcandles
1.3	1,667
2.7	417
4.0	185
5.3	104
6.7	67

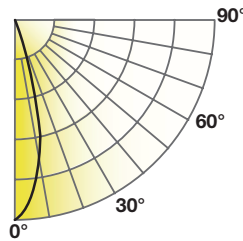
40PAR56DIM/930FL40



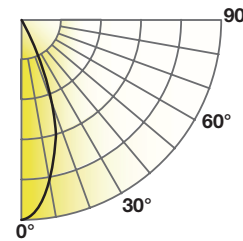
Diameter	Footcandles
2.2	800
4.4	200
6.6	89
8.7	50
10.9	32



Degree	Candela
0	34,000
5	22,374
15	3,615
25	1,091
35	475
45	254

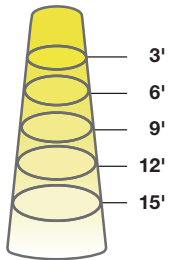


Degree	Candela
0	15,000
5	12,548
15	5,041
25	1,732
35	742
45	405



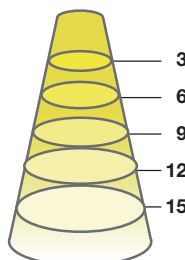
Degree	Candela
0	7,200
5	6,601
15	4,353
25	2,188
35	1,043
45	456

50PAR56DIM/930NF25

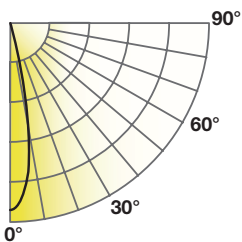


Diameter	Footcandles
1.1	2,545
2.2	636
3.2	283
4.3	159
5.4	102

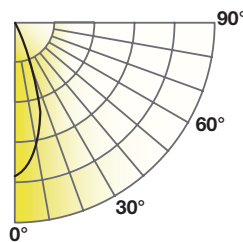
50PAR56DIM/930FL40



Diameter	Footcandles
1.9	1,255
2.8	314
5.7	139
7.6	78
9.5	50



Degree	Candela
0	22,849
5	19,689
15	5,286
25	1,183
35	529
45	330



Degree	Candela
0	11,220
5	10,808
15	6,908
25	2,357
35	696
45	288

For other CCT use the following multiplier: 2700K .98



# REFINE PAR56 FAMILY

## SPECIFICATIONS - PAR64 ADAPTER RING

With this ring, it can easily convert lamp to fit into PAR64 fixtures. It's compatible with both of 40W and 50W PAR56 lamp.



Product	Model	Description	Diameter	Weight
36742	PAR56/ACC/RG	PAR64 Adapter Ring		0.16lb

## ORDERING INFORMATION

Model	Master Carton			Shipping Carton		
	Case Qty	Case Dimensions (LxWxH)	Case Weight	Case Qty	Case Dimensions (LxWxH)	Case Weight
40PAR56DIM/xxxyyy	N.A.	N.A.	N.A.	6PCS	22-5/8" x 15-3/8" x 7-1/4"	17.89 lb
50PAR56DIM/xxxyyy	N.A.	N.A.	N.A.	6PCS	22-5/8" x 15-3/8" x 7-1/4"	17.89 lb
PAR56/ACC/RG	N.A.	N.A.	N.A.	20PCS	16-3/4" x 9-1/16" x 9-1/4"	6.83 lb

Where xxx means 824-965 which indicates CRI and color temperature  
Where yyy means beam angle

Note: All rights reserved. All sizes and specifications are subject to change at any time without notice.