

|               |       |
|---------------|-------|
| 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



### DIGITAL NAVIGATION

Explore the spec sheet through the links below

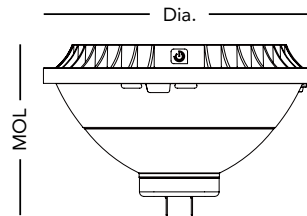
- [MINIMUM COMPARTMENT DIMENSIONS](#)
- [ACCESSORY ORDERING INFORMATION](#)
- [PHOTOMETRY](#)
- [LOGISTIC INFORMATION](#)

## SPECIFICATIONS

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

FOOTNOTES:  
 \* 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/xxxxyyy | GX16d | 4-7/16" | 7"   | 2.25lb |
| 50PAR56DIM/xxxxyyy | GX16d | 4-7/16" | 7"   | 2.25lb |

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

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# REFINE PAR56 FAMILY

## MINIMUM COMPARTMENT DIMENSIONS

| Model              | Diameter | Height  |
|--------------------|----------|---------|
| 40PAR56DIM/xxxxyyy | 8"       | 11"     |
| 50PAR56DIM/xxxxyyy | 6-5/16"  | 13-3/4" |

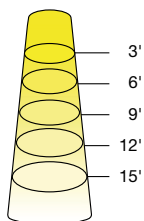
Installing lamp in a fixture that does not have the minimum compartment dimensions will void the warranty and could cause product failures.  
Where xxx means 824-965 which indicates CRI and color temperature  
Where yyy means beam angle

## ACCESSORY ORDERING INFORMATION

| Product | Model        | Description   | Pictures | Dimensions | Weight |
|---------|--------------|---|----------|------------|--------|
| 36742   | PAR56/ACC/RG | PAR64 adapter ring for easily converting lamp to fit into PAR64 fixtures. Compatible with both 40W and 50W PAR56 lamps. |          |            | 0.16lb |

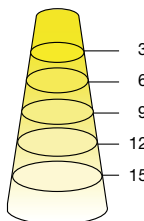
## PHOTOMETRY

40PAR56DIM/930SP15



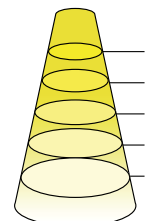
| Diameter | Footcandles |
|----------|-------------|
| 0.8      | 3,778       |
| 1.6      | 944         |
| 2.4      | 420         |
| 3.2      | 236         |
| 3.9      | 151         |

40PAR56DIM/930NF25

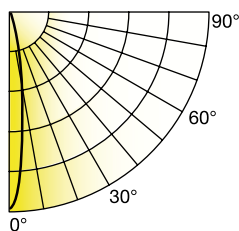


| Diameter | Footcandles |
|----------|-------------|
| 1.3      | 1,667       |
| 2.7      | 417         |
| 4.0      | 185         |
| 5.3      | 104         |
| 6.7      | 67          |

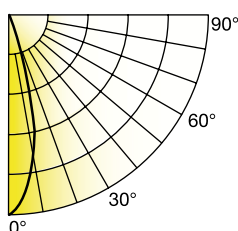
40PAR56DIM/930FL40



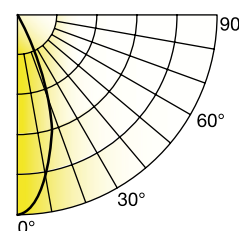
| Diameter | Footcandles |
|----------|-------------|
| 2.2      | 800         |
| 4.4      | 200         |
| 6.6      | 89          |
| 8.7      | 50          |
| 10.9     | 32          |



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

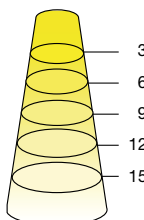


| Degree | Candela |
|--------|---------|
| 0      | 15,000  |
| 5      | 12,548  |
| 15     | 5,041   |
| 25     | 1,732   |
| 35     | 742     |
| 45     | 405     |



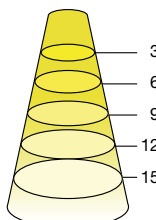
| Degree | Candela |
|--------|---------|
| 0      | 7,200   |
| 5      | 6,601   |
| 15     | 4,353   |
| 25     | 2,188   |
| 35     | 1,043   |
| 45     | 456     |

50PAR56DIM/930NF25

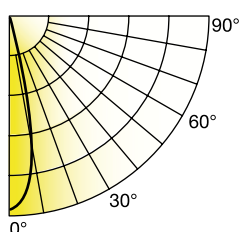


| Diameter | Footcandles |
|----------|-------------|
| 1.1      | 2,545       |
| 2.2      | 636         |
| 3.2      | 283         |
| 4.3      | 159         |
| 5.4      | 102         |

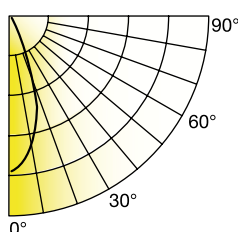
50PAR56DIM/930FL40



| Diameter | Footcandles |
|----------|-------------|
| 1.9      | 1,255       |
| 3.8      | 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

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## LOGISTIC INFORMATION

| Model              | Master Carton |                         |             | Shipping Carton |                            |             |
|--------------------|---------------|-------------------------|-------------|-----------------|----------------------------|-------------|
|                    | Case Qty      | Case Dimensions (LxWxH) | Case Weight | Case Qty        | Case Dimensions (LxWxH)    | Case Weight |
| 40PAR56DIM/xxxxyyy | N.A.          | N.A.                    | N.A.        | 6PCS            | 22-5/8" x 15-3/8" x 7-1/4" | 17.89 lb    |
| 50PAR56DIM/xxxxyyy | 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