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|----------|---------------|
| Project: | Toshiba Lamp: |
| Type:    | Notes:        |

# PAR38

Ordering Information

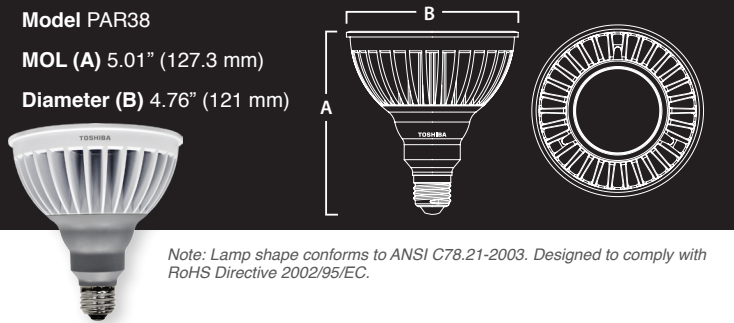
| Ordering Code | Input Voltage (VAC) | Lamp Shape | Base Type | CCT <sup>1</sup> | Initial Lumens (lm) <sup>2</sup> | Beam Angle | Wattage (W) | Lamp Efficacy (lm/W) | Rated Life (hrs) <sup>3</sup> | CBCP (cd) | CRI | Power Factor | Equivalency <sup>4</sup> | Lamp Weight lb (g) | ENERGY STAR |
|---------------|---------------------|------------|-----------|------------------|----------------------------------|------------|-------------|----------------------|-------------------------------|-----------|-----|--------------|--------------------------|--------------------|-------------|
| 16P38/27KSP-T | 120                 | PAR38      | E26       | 2700K            | 910                              | 10°        | 16.0        | 56.9                 | 40,000                        | 14200     | 81  | 0.95         | 75W Halogen              | 1.16 (526)         | Testing     |
| 16P38/27KNF-T | 120                 | PAR38      | E26       | 2700K            | 970                              | 25°        | 16.0        | 60.6                 | 40,000                        | 3400      | 81  | 0.95         | 75W Halogen              | 1.16 (526)         | Testing     |
| 16P38/27KFL-T | 120                 | PAR38      | E26       | 2700K            | 970                              | 35°        | 16.0        | 60.6                 | 40,000                        | 1800      | 81  | 0.95         | 75W Halogen              | 1.16 (526)         | Testing     |
| 18P38/27LNF-T | 120                 | PAR38      | E26       | 2700K            | 1150                             | 25°        | 18.0        | 63.9                 | 40,000                        | 4240      | 81  | 0.94         | 90W Halogen              | 1.27 (577)         | Testing     |
| 18P38/27LFL-T | 120                 | PAR38      | E26       | 2700K            | 1150                             | 35°        | 18.0        | 63.9                 | 40,000                        | 2750      | 81  | 0.94         | 100W Halogen             | 1.27 (577)         | Testing     |
| 16P38/30KSP-T | 120                 | PAR38      | E26       | 3000K            | 920                              | 10°        | 16.0        | 57.5                 | 40,000                        | 14350     | 81  | 0.95         | 75W Halogen              | 1.16 (526)         | Testing     |
| 16P38/30KNF-T | 120                 | PAR38      | E26       | 3000K            | 1000                             | 25°        | 16.0        | 62.5                 | 40,000                        | 3500      | 81  | 0.95         | 75W Halogen              | 1.16 (526)         | Testing     |
| 16P38/30KFL-T | 120                 | PAR38      | E26       | 3000K            | 1000                             | 35°        | 16.0        | 62.5                 | 40,000                        | 1900      | 81  | 0.95         | 80W Halogen              | 1.16 (526)         | Testing     |
| 18P38/30LNF-T | 120                 | PAR38      | E26       | 3000K            | 1200                             | 25°        | 18.0        | 66.7                 | 40,000                        | 4400      | 81  | 0.94         | 90W Halogen              | 1.27 (577)         | Testing     |
| 18P38/30LFL-T | 120                 | PAR38      | E26       | 3000K            | 1200                             | 35°        | 18.0        | 66.7                 | 40,000                        | 2860      | 81  | 0.94         | 100W Halogen             | 1.27 (577)         | Testing     |
| 16P38/40KSP-T | 120                 | PAR38      | E26       | 4000K            | 940                              | 10°        | 16.0        | 58.8                 | 40,000                        | 14600     | 81  | 0.95         | 75W Halogen              | 1.16 (526)         | Testing     |
| 16P38/40KNF-T | 120                 | PAR38      | E26       | 4000K            | 1000                             | 25°        | 16.0        | 62.5                 | 40,000                        | 3500      | 81  | 0.95         | 75W Halogen              | 1.16 (526)         | Testing     |
| 16P38/40KFL-T | 120                 | PAR38      | E26       | 4000K            | 1000                             | 35°        | 16.0        | 62.5                 | 40,000                        | 1900      | 81  | 0.95         | 80W Halogen              | 1.16 (526)         | Testing     |
| 18P38/40LNF-T | 120                 | PAR38      | E26       | 4000K            | 1200                             | 25°        | 18.0        | 66.7                 | 40,000                        | 4600      | 81  | 0.94         | 90W Halogen              | 1.27 (577)         | Testing     |
| 18P38/40LFL-T | 120                 | PAR38      | E26       | 4000K            | 1200                             | 35°        | 18.0        | 66.7                 | 40,000                        | 2990      | 81  | 0.94         | 110W Halogen             | 1.27 (577)         | Testing     |

- CCT Range complies to ANSI C78.377-2008.
- Thermally stable typical lumens (± 10%)
- Rated life is based on 70% lumen maintenance and engineering testing and probability analysis; life hours per ENERGY STAR® may vary.
- Equivalency based on the ENERGY STAR® Integral LED Lamp Center Beam Intensity Benchmark Tool.

Note: All information consistent with IESNA LM-80-08 results and IESNA LM-79-08 testing completed by a qualified third party facility. All lamps meet ENERGY STAR Integral LED Lamp requirements and will be submitted for testing. Five-year warranty based on 12 hr/day usage. Toshiba LED Lighting Systems Division reserves the right to make changes and/or improvements in designs and/or dimensions without notice or obligation.



Dimensions



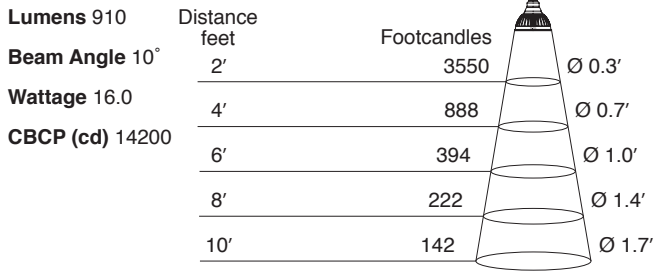
Energy Savings

| Ordering Code | 50W Halogen | 65W Halogen | 75W Halogen | 90W Halogen |
|---------------|-------------|-------------|-------------|-------------|
| 16P38/30KNF-T | \$149.60    | \$215.60    | \$259.60    | —           |
| 18P38/30LNF-T | —           | \$206.80    | \$250.80    | \$316.80    |

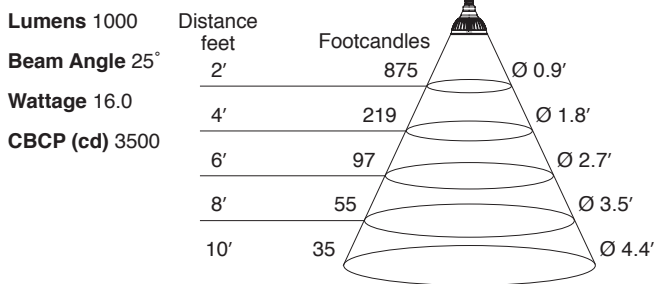
Note: Energy savings based on using one bulb for 40,000 hr rated life at 11¢/kWh. Does not include maintenance and replacement lamp savings.

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| Type:    | Notes:        |

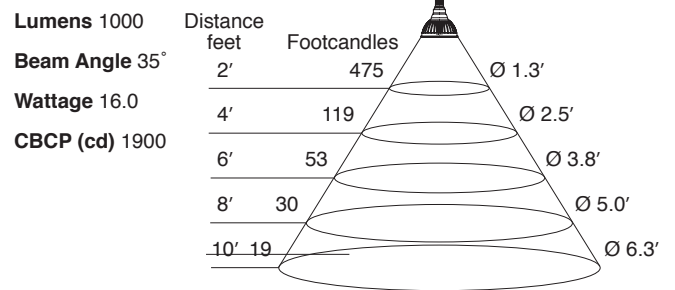
**16P38/27KSP-T**



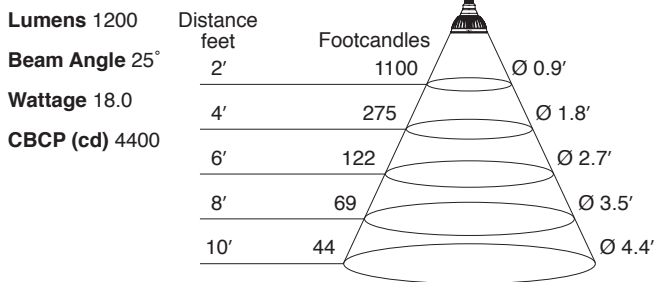
**16P38/30KNF-T**



**16P38/27KFL-T**



**18P38/30LNF-T**



**18P38/30LFL-T**

