

Project:	Toshiba Lamp:
Type:	Notes:



Ordering Information

Ordering Code	Input Voltage (VAC)	Lamp Shape	Base Type	CCT ¹	Initial Lumens (lm) ²	Beam Angle	Wattage (W)	Lamp Efficacy (lm/W)	Rated Life (hrs) ³	CBCP (cd)	CRI	Power Factor	Equivalency ⁴	Lamp Weight lb (g)	
19P38/827SP8	120	PAR38	E26	2700K	900	8°	19.2	46.9	40,000	14200	81	> 0.70	70W Halogen	1.09 (495)	●
20P38/827NFL25	120	PAR38	E26	2700K	970	25°	20.3	47.8	40,000	3400	80	> 0.70	75W Halogen	1.18 (535)	●
20P38/827FL35	120	PAR38	E26	2700K	970	35°	20.3	47.8	40,000	1800	80	> 0.70	75W Halogen	1.18 (535)	●
20P38/27LSP-UP	120	PAR38	E26	2700K	1030	12°	19.5	52.8	40,000	16500	84	> 0.77	90W Halogen	1.18 (535)	●
20P38/27LNF-UP	120	PAR38	E26	2700K	1090	25°	20.3	53.7	40,000	4240	84	> 0.77	90W Halogen	1.18 (535)	●
20P38/27LFL-UP	120	PAR38	E26	2700K	1090	35°	20.3	53.7	40,000	2750	84	> 0.77	100W Halogen	1.18 (535)	●
19P38/830SP8	120	PAR38	E26	3000K	920	8°	19.2	47.9	40,000	14350	81	> 0.70	75W Halogen	1.09 (495)	●
20P38/830NFL25	120	PAR38	E26	3000K	1000	25°	20.3	49.3	40,000	3500	80	> 0.70	75W Halogen	1.18 (535)	●
20P38/830FL35	120	PAR38	E26	3000K	1000	35°	20.3	49.3	40,000	1900	80	> 0.70	80W Halogen	1.18 (535)	●
20P38/30LSP-UP	120	PAR38	E26	3000K	1040	12°	19.5	53.3	40,000	16600	80	> 0.77	90W Halogen	1.18 (535)	●
20P38/30LNF-UP	120	PAR38	E26	3000K	1120	25°	20.3	55.2	40,000	4400	84	> 0.77	90W Halogen	1.18 (535)	●
20P38/30LFL-UP	120	PAR38	E26	3000K	1120	35°	20.3	55.2	40,000	2860	84	> 0.77	110W Halogen	1.18 (535)	●
19P38/835SP8	120	PAR38	E26	3500K	930	8°	19.2	48.4	40,000	14500	82	> 0.70	75W Halogen	1.09 (495)	●
20P38/835NFL25	120	PAR38	E26	3500K	1000	25°	20.3	49.3	40,000	3500	85	> 0.70	75W Halogen	1.18 (535)	●
20P38/835FL35	120	PAR38	E26	3500K	1000	35°	20.3	49.3	40,000	1900	85	> 0.70	80W Halogen	1.18 (535)	●
20P38/35LNF-UP	120	PAR38	E26	3500K	1120	25°	20.3	55.2	40,000	4400	84	> 0.77	90W Halogen	1.18 (535)	●
20P38/35LFL-UP	120	PAR38	E26	3500K	1120	35°	20.3	55.2	40,000	2860	84	> 0.77	110W Halogen	1.18 (535)	●
19P38/840SP8	120	PAR38	E26	4000K	940	8°	19.2	49.0	40,000	14600	84	> 0.70	75W Halogen	1.09 (495)	●
20P38/840NFL25	120	PAR38	E26	4000K	1000	25°	20.3	49.3	40,000	3500	86	> 0.70	75W Halogen	1.18 (535)	●
20P38/840FL35	120	PAR38	E26	4000K	1000	35°	20.3	49.3	40,000	1900	86	> 0.70	80W Halogen	1.18 (535)	●
20P38/40LSP-UP	120	PAR38	E26	4000K	1150	12°	19.5	59.0	40,000	18400	80	> 0.77	90W Halogen	1.18 (535)	●
20P38/40LNF-UP	120	PAR38	E26	4000K	1170	25°	20.3	57.6	40,000	4600	85	> 0.77	90W Halogen	1.18 (535)	●
20P38/40LFL-UP	120	PAR38	E26	4000K	1170	35°	20.3	57.6	40,000	2990	85	> 0.77	110W Halogen	1.18 (535)	●

- CCT Range complies to ANSI C78.377-2008.
- Thermally stable typical lumens ($\pm 10\%$)
- 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.

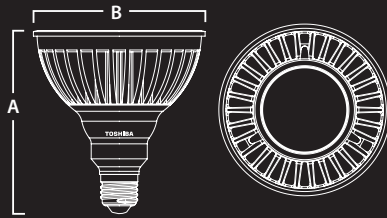


Dimensions

Model PAR38

MOL (A) 5.03" (127.9 mm)

Diameter (B) 4.76" (121 mm)



Note: Lamp shape conforms to ANSI C78.21-2003. Designed to comply with RoHS Directive 2002/95/EC.

Energy Savings

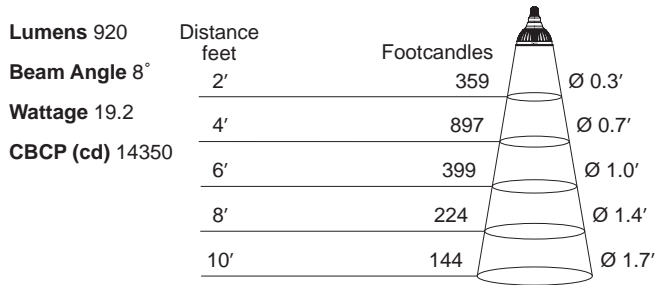
Ordering Code	45W Halogen	75W Halogen	90W Halogen
20P38/27LSP-UP	\$108.68	\$240.68	\$306.68
19P38/830SP8	\$113.52	\$245.52	\$311.52

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.

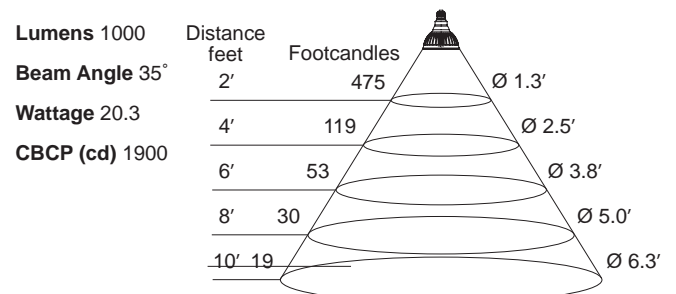
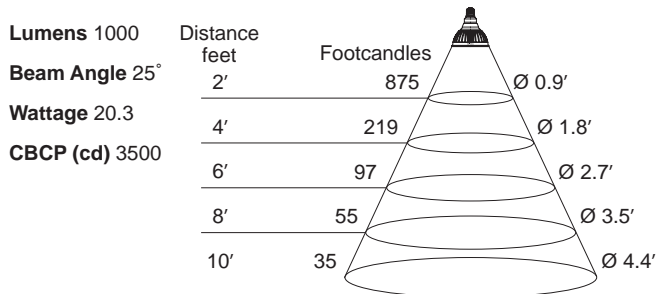
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Illuminance Cone Diagrams

19P38/830SP8



20P38/830NFL25 20P38/830FL35



20P38/30LNF-UP 20P38/30LFL-UP

