

Ordering Information

Ordering Code	Input Voltage (VAC)	Lamp Shape	Base Type	Wattage (W)	CCT ¹	Beam Angle	Initial Lumens (lm) ²	Lamp Efficacy (lm/W)	Rated Life (hrs) ³	CBCP (cd)	CRI	Power Factor	Equivalency ⁴	Lamp Weight lb (g)
20P38/827SP10	120	PAR38	E26	20.3	2700K	10°	970	47.8	40,000	TBD [†]	80	>0.70	TBD [†]	1.17 (531)
20P38/827NFL25	120	PAR38	E26	20.3	2700K	25°	970	47.8	40,000	3400	80	>0.70	75W Halogen	1.17 (531)
20P38/827FL35	120	PAR38	E26	20.3	2700K	35°	970	47.8	40,000	1800	80	>0.70	75W Halogen	1.17 (531)
20P38/830SP10	120	PAR38	E26	20.3	3000K	10°	1000	49.3	40,000	TBD [†]	80	>0.70	TBD [†]	1.17 (531)
20P38/830NFL25	120	PAR38	E26	20.3	3000K	25°	1000	49.3	40,000	3500	80	>0.70	75W Halogen	1.17 (531)
20P38/830FL35	120	PAR38	E26	20.3	3000K	35°	1000	49.3	40,000	1900	80	>0.70	80W Halogen	1.17 (531)
20P38/835SP10	120	PAR38	E26	20.3	3500K	10°	1000	49.3	40,000	TBD [†]	85	>0.70	TBD [†]	1.17 (531)
20P38/835NFL25	120	PAR38	E26	20.3	3500K	25°	1000	49.3	40,000	3500	85	>0.70	75W Halogen	1.17 (531)
20P38/835FL35	120	PAR38	E26	20.3	3500K	35°	1000	49.3	40,000	1900	85	>0.70	80W Halogen	1.17 (531)
20P38/840SP10	120	PAR38	E26	20.3	4000K	10°	1000	49.3	40,000	TBD [†]	86	>0.70	TBD [†]	1.17 (531)
20P38/840NFL25	120	PAR38	E26	20.3	4000K	25°	1000	49.3	40,000	3500	86	>0.70	75W Halogen	1.17 (531)
20P38/840FL35	120	PAR38	E26	20.3	4000K	35°	1000	49.3	40,000	1900	86	>0.70	80W Halogen	1.17 (531)

1. CCT Range complies to ANSI C78.377-2008.

2. Thermally stable typical lumens (± 10%)

3. Rated life is based on 70% lumen maintenance, and engineering testing and probability analysis.

4. 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.

Note: All lamps meet Energy Star® Integral LED Lamp requirements, and will be submitted for testing.

Note: 5 Year Warranty based on 24 hr/day usage.

5 YEAR WARRANTY

lighting facts
LED Product Partner

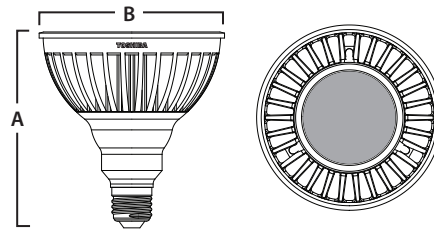
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Dimensions

E-Core Model	MOL (A)	Diameter (B)
PAR38	5.01" (127 mm)	4.76" (121 mm)

Note: Lamp shape conforms to ANSI C78.21-2003.

Note: Designed to comply with RoHS Directive 2002/95/EC.



Illuminance Cone Diagrams

20P38/830SP10				20P38/830NFL25				20P38/830FL35			
Wattage	20.3	CBCP (cd)	TBD [†]	Wattage	20.3	CBCP (cd)	1900	Wattage	20.3	CBCP (cd)	3500
Lumens	1000	Beam Angle	10°	Lumens	1000	Beam Angle	25°	Lumens	1000	Beam Angle	35°
Distance				Distance				Distance			
feet	Footcandles			feet	Footcandles			feet	Footcandles		
2'	TBD [†]	Ø 0.3'		2'	875	Ø 0.9'		2'	475	Ø 1.3	
4'	TBD [†]	Ø 0.7'		4'	219	Ø 1.8'		4'	119	Ø 2.5	
6'	TBD [†]	Ø 1.0'		6'	97	Ø 2.7'		6'	53	Ø 3.8	
8'	TBD [†]	Ø 1.4'		8'	55	Ø 3.5'		8'	30	Ø 5.0	
10'	TBD [†]	Ø 1.7'		10'	35	Ø 4.4'		10'	19	Ø 6.3	

Energy Savings

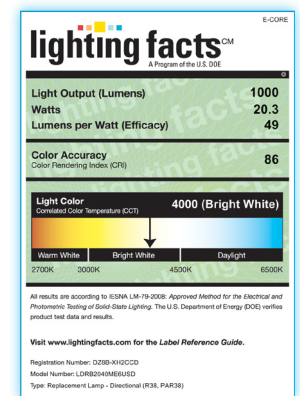
	45W Halogen	60W Halogen	75W Halogen	80W Halogen	90W Halogen	120W Halogen
20P38/830SP10	\$108.68	\$174.68	\$240.68	\$262.68	\$306.68	\$438.68
20P38/830NFL25	\$108.68	\$174.68	\$240.68*	\$262.68	\$306.68	\$438.68
20P38/830FL35	\$108.68	\$174.68	\$240.68	\$262.68*	\$306.68	\$438.68

*Actual Equivalent Replacement, based on the Energy Star® Integral LED Lamp Center Beam Intensity Benchmark Tool.

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.

Ordering Guide

20	P38	/	827	SP10
Wattage	Lamp Type		CRI + CCT	Beam Angle
20.3 Watts = 20	PAR38 = P38		80 CRI + 2700K = 827	Spot 10° = SP10
			80 CRI + 3000K = 830	Narrow Flood 25° = NFL25
			85 CRI + 3500K = 835	Flood 35° = FL35
			86 CRI + 4000K = 840	



Available for all color temperatures